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College of Health Sciences Annual Report, 2017-2018

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OLD DOMINION
UNIVERSITY

COLLEGE OF HEALTH SCIENCES

LEARNING TOGETHER. HEALING THE WORLD.

INNOVATION



Message from **THE DEAN**

The College of Health Sciences at Old Dominion University is widely known as a leader in solving healthcare issues and as a producer of healthcare practitioners who remain at the forefront of their fields. The past year has been one to remember for the College of Health Sciences, as we have experienced professional and personal growth. We have been actively engaged in the community to establish relationships that have led to collaborative initiatives, ensuring that we are reaching our full potential as a college. Our programs are growing and expanding to include new offerings within our disciplines while also creating a footprint within the city of Virginia Beach through the ability to maximize programming within the Virginia Beach Higher Education Center.

We are fortunate to house the Health Services Research and the Kinesiology and Rehabilitation doctoral programs, while also taking part in the newly reformed Biomedical Sciences doctoral program with an emphasis in stem cell research and translational medicine. These programs solidify our efforts to answer the questions that are relevant to the Hampton Roads community while also serving as a mechanism to grow the next generation of faculty researchers.

Our stakeholders are our most important asset. It is our aim to engage these individuals and groups in order to ascertain how we can best move forward in a conscientious effort to serve the community while also having an impact that spans beyond the state of Virginia. We can already see the impact that our programs are having across the country, as our alumni are like no others, constantly giving back to our college through the work they do within our clinical and internship placements.

Although the annual report provides a look inside the college, it's difficult to fully encapsulate the work that individuals have given throughout the year to get us here. Our innovative faculty prepare our students to become creative, thoughtful, and determined professionals who are able to apply their skills in providing expertise as related to your healthcare needs. Our faculty and staff are exemplary – faithfully leading our programs every day and guiding students through their journey in becoming your preferred healthcare providers.

Please come and visit with us over the next year to see how the college is growing!

Bonnie Van Lunen
Dean

TABLE OF CONTENTS

Mission/Vision/Values/Programs	2
ODU Monarch Physical Therapy.....	3-6
Accreditations	7
By the Numbers	8
Dean Profile	9-11
Center for Global Health	12-13
Enrollment and Degrees	14
Undergraduate/BS Post-Licensure	15
Master's and Doctoral Degrees	16
Overall Pass Rates	17
Interprofessional Education	18-19
Community Engagement.....	20-22
Service and Engagement.....	23
Annual Giving	24-25
Admitted Students Day	26
Grant Funding	27
Outstanding Graduates.....	28
Faculty/Staff Achievements	29
Financial Status	30
Alumni Highlights	31
Commencement Spring 2018	32
Our Dean's Office & Advisory Board	Inside Back Cover

MISSION/VISION/VALUES

Our Mission

The College of Health Sciences provides leadership in healthcare by offering excellent educational experiences in a quality learning environment to facilitate the development of competent, caring health professionals; by generating knowledge through inquiry and discovery; and by engaging in lifelong learning, professional, and community service.

Our Vision

To advance healthcare education and research through interdisciplinary and global connections.

Our Values

Partnership
Excellence
Inclusiveness
Integrity

PROGRAMS OFFERED

School of Community & Environmental Health

- BS in Health Sciences with concentrations in Health Services Administration and Public Health
- BS in Environmental Health
- MS in Community Health with emphasis in Environmental Health
- Joint EVMS/ODU Master of Public Health (MPH)
- Certificate in Occupational Safety Program

School of Dental Hygiene

- BS in Dental Hygiene (entry level)
- BS in Dental Hygiene (post RDH licensure)
- MS in Dental Hygiene
- Continuing Education for Dental Hygienists

School of Physical Therapy & Athletic Training

- Doctor of Physical Therapy
- MS in Athletic Training
- PhD in Kinesiology and Rehabilitation

School of Medical Diagnostic & Translational Sciences

- BSHS in Cytotechnology
- BS in Nuclear Medicine Technology
- BS in Medical Technology
- BS in Medical Technology Weekend Program
- Post Baccalaureate Certificate in Molecular Diagnostics

School of Nursing

- BS in Nursing
 - Pre-Licensure
 - Post-Licensure
- MS in Nursing
 - Family Nurse Practitioner
 - Pediatric Nurse Practitioner

- Neonatal Nurse Practitioner
- Clinical Nurse Specialist
 - Adult Gerontology CNS/Educator
 - Adult Gerontology CNS/Administrator
 - Pediatric CNS
 - Neonatal CNS
- Nurse Administrator
- Nurse Midwifery
- Advance Practice DNP
- Nurse Executive DNP
- Nurse Anesthesia DNP

College of Health Sciences

- PhD in Health Services Research
- Graduate Certificate in Global Health

PT CLINIC TAKES CARE TO ROBOTIC LEVEL

By Irvin B. Harrell

ODU Monarch Physical Therapy Clinic continues to push the envelope when it comes to rehabilitation. More than six months ago, the clinic began working with REX Bionics, which has developed robots that can be used in clinical care, education, and research.

“The main focus of REX Assisted Physiotherapy are its REXERCISES: a series of both static and dynamic positions that assist the person in exercises for the core, arms, and legs,” said Dr. Sherri Wallis, a clinical specialist for REX Bionics.

The technology enables patients to spend more time standing, walking, and exercising. Wallis met with Dr. Lisa Koperna, the clinic’s director, about seven months ago. Soon after, the clinic was outfitted with an exoskeleton and Wallis was on hand to provide training with the clinic’s staff. The piece of equipment weighs 100 pounds and provides torso and lower body support.

“The REX is currently being used in New Zealand, Australia, the UK, Saudi Arabia, and the United Arab Emirates, as well as the U.S.,” Wallis said. “The clinic has been using it for about seven months.”

The REX provides the support to the client so that the therapist working with them can focus on posture analysis and re-education as well as use of neurological re-education techniques in various weight-bearing positions, Wallis added.

Patient Scott Park gets assistance with the REX at ODU Monarch Physical Therapy.



The benefits of the exoskeleton extend from the physical to the psychological. Just ask Scott and Ellen Park from Virginia Beach.

Scott, a huge sports fan who ran track and played basketball in high school, has battled through many health setbacks in the past two decades.

He had open heart surgery, lost both kidneys, had kidney replacement surgery, suffered several strokes, and was in a coma for 10 weeks. Through it all he has defied bleak expectations, and when it was suggested that he might spend the rest of his life in a wheelchair, Scott's answer was quick and to the point.

"Forget about that," he said. "No way."

A church member referred the Parks to ODU Monarch Physical Therapy in May 2017. There, Scott began receiving speech, occupational and physical therapy. While at the clinic, the Parks became acquainted with Koperna. She mentioned the possibility of getting an exoskeleton for the clinic during one of their appointments.

Ellen was intrigued and Googled it.

"I saw the video and read about how it can help stroke patients by helping click the brain triggering movement," she said. "It was awesome."

On Feb. 9, 2018, Scott had the opportunity to test the cutting-edge technology. After being measured and strapped into the device, Scott was standing. Shifting his weight, he began to slowly take steps forward. Ellen beamed with excitement, along with a handful of family members and a church videographer who turned out for the occasion. Scott says the experience took him back to his days without the need of a wheelchair.

"I dream about walking. I know what walking is like," said Scott, who had been wheelchair-bound for more than two years. "It felt as close to walking as it could be."

Wheelchair users are at risk of developing numerous medical complications from extended periods of sitting. By enabling them to spend more time standing, walking and exercising, REX may offer significant health benefits.

Ellen created a Facebook page named "Prayers for Scott." The video posted from his walk at Monarch Physical Therapy has had more than 10,000 views. She says both she and Scott look forward to his next treatment using the REX.

Meanwhile, the REX is being used to help other patients at the clinic as well. Koperna has been using the sessions to gather research on the benefits of exoskeleton treatments. She says she eagerly awaits her clinic's findings.





Left, physical therapists Leslie Prom and Pippa Leo work with student Gwen Withers. Right, Dr. Vaden Blackwood, a patient at Monarch PT, uses the Rex for treatment.





FACULTY RESEARCH

VIRGINIA BEACH EXPANSION WELCOMES SCHOOL OF NURSING

To embrace emerging technologies and address a critical shortage of health-care providers in the Commonwealth, Old Dominion University will significantly expand its health sciences programs at the Virginia Beach Higher Education Center beginning this fall. The move will complement ODU's health-sciences presence in Norfolk, introducing high-demand graduate programs in Virginia Beach such as telehealth, while enlarging other programs in the Schools of Nursing and Community & Environmental Health within the College of Health Sciences. ODU expects to open a primary-care clinic, a substance abuse prevention center and a training center for patient simulation in Virginia Beach.

SOCKS A KEY STEP IN FALLS PREVENTION RESEARCH














A team of researchers led by ODU professor Steven Morrison, along with neurologists from Sentara Healthcare, is using fitness-tracking technology as a way to track movement and detect early signs of trouble related to clinical disorders that impact walking. Rather than traditional wristbands like Fitbits, Morrison, an endowed professor and chair of the University's School of Physical Therapy & Athletic Training, and his group are using socks. Developed by

Sensoria, the washable socks are wired with sensors that detect step numbers and gait patterns. A removable device attached to the sock can gather five to seven days' worth of information. Falls are becoming increasingly common as the country's aging population continues to grow, especially for disorders like Parkinson's disease and diabetes. By using socks to track activity, doctors may better predict whether patients are utilizing medication properly, if at all.

ODU, EVMS TACKLE AUTISM SPECTRUM DISORDER

Through a joint venture, Old Dominion University and Eastern Virginia Medical School (EVMS) researchers have been taking a new approach to studying one of the fastest-growing developmental disorders in the nation: autism spectrum disorder (ASD). Their research is a culmination of a two-year project, which was presented recently at the Society for Neuroscience meeting in Washington, D.C. The study found that young adults with ASD continue to struggle with weakness and slower movement compared to those without the disorder. These developmental shortcomings are manifested in such characteristics as their upper limb strength, reaction time and their walking speed. More research lies ahead on the subject and researchers will seek National Institutes of Health funding as well as work on developing new therapies for those suffering from ASD, said Steven Morrison, chair of the School of Physical Therapy & Athletic Training.

ACCREDITATIONS

Degree and Program	Accrediting Organization		Logo
BS, Dental Hygiene	American Dental Association Commission on Dental Accreditation	ADA	
BSN, Nursing	Commission on Collegiate Nursing Education	CCNE	
MSN, Nursing	Commission on Collegiate Nursing Education	CCNE	
DNP, Nursing	Commission on Collegiate Nursing Education	CCNE	
BSNMT, Nuclear Medicine Technology	Joint Review Committee on Educational Programs in Nuclear Medicine Technology	JRCEPNMT	
BS, Medical Technology	National Accrediting Agency for Clinical Laboratory Sciences	NAACLS	
DNP, Nurse Anesthesia	Council on Accreditation of Nurse Anesthesia Educational Program	COA	
MPH, Public Health	Council on Education for Public Health	CEPH	
Cytotechnology	Commission on Accreditation of Allied Health Education Programs	CAAHEP	
MS, Environmental Health	National Environmental Health Science and Protection Accreditation Council	EHAC	
BS, Environmental Health	National Environmental Health Science and Protection Accreditation Council	EHAC	
BS, Health Sciences	Association of University Programs in Health Administration	AUPHA	
DPT, Physical Therapy	Commission on Accreditation in Physical Therapy Education	CAPTE	
MSAT, Athletic Training	Commission on Accreditation of Athletic Training	CAATE	

BY THE NUMBERS 2017-18



\$458,022

Annual gifts received



247

Doctoral enrollment



198

Master's enrollment



624

Degrees awarded



85

Faculty publications



\$3,450,927

External grant money

'LIVING THE DREAM'

NEW DEAN BONNIE VAN LUNEN FINDS OPPORTUNITIES ASSOCIATED WITH THE COLLEGE A PERFECT FIT

By Irvin B. Harrell

Being dean of the College of Health Sciences is no easy feat. With five schools and their related programs, the position takes adaptability, creativity, dedication and most of all, juggling.

Newly appointed Dean Bonnie Van Lunen credits her life experiences with preparing her for such a role. The former chair for the School of Physical Therapy & Athletic Training says she looks forward to the opportunities ahead and is excited about the future of the college.

"I love strategic planning," she says, with an infectious smile that is as boundless as her energy. "And I love to see our faculty grow."

Since her childhood days in Vermont, Van Lunen has been a multi-tasker. She was the third of seven siblings and the tomboy among her four sisters. Growing up on a farm, there was plenty to do, and her father tapped her to be the de facto child in handling chores in his absence.

In middle school she would stay home to do field work on 200 acres of land. Hay, grass, corn and alfalfa kept her company. She also worked with farm animals, trained cows and operated heavy machinery.

After high school, Van Lunen – who played field hockey and softball – headed to Keene State College in New Hampshire to study athletic training. From there, it was off to school at Castleton University in Vermont, 20 miles from home. Her multi-tasking continued – going to school, milking the cows in the morning on the farm, and waiting tables. Her hard work paid off – covering her education en route to a bachelor of science in physical education.



Dean Bonnie Van Lunen participates in the Seagull Century fund-raiser for Alzheimer's in Salisbury, Md.

Putting the farm in Vermont in her rearview mirror, Van Lunen headed to the Commonwealth in June 1990, enrolling at the University of Virginia. The south was a lot different than up north, she says.

“The pace was much slower, probably because of how hot and humid it was!”

Van Lunen received her Master of Education in Athletic Training in 1991, and then migrated north to Canisius College in Buffalo, N.Y., where she spent three years as the college's athletic trainer and assistant professor for the athletic training program. She taught 11 credits a semester and provided health care for several sports teams: football, men's soccer, women's basketball, and men's lacrosse.

“I would travel with them and do all of their rehab and evaluations, and you name it,” she says.

It was at Canisius that she would meet her husband, John, an avid windsurfer she met while windsurfing on Lake Erie. Following three years in Buffalo, she and John were married and spent their summer in the Outer Banks, where she would wait tables while he worked for a water sports company.

From New York, she returned to UVA to pursue her Ph.D. in Education, with a focus in Sports Medicine, which Van Lunen received in 1998. While pursuing her degree, she worked clinically, cleaned houses and also had a job with a catering business. After getting her degree, she and her husband took a break and went to live in Stowe, Vermont, for the winter while she interviewed for faculty positions. They stayed at an inn where she worked; John worked at a nearby ski lodge. The two spent their down time skiing and snowboarding. At that time, they also bought a house in Southern Shores on the Outer Banks and purchased the water sports business where John had previously worked.

After the winter, the two headed to the Outer Banks, and in August 1998, Van Lunen took a job at the University of Tennessee-Chattanooga, 12 hours away.

While her husband stayed in Southern Shores during late summer-fall season, Van Lunen packed up her things and headed to UT-Chattanooga with her newborn first child, Alivian. During the winter (off season for the Outer Banks), John headed to Tennessee to serve as a stay-at-home father, a role he continued to play as they had two more children: Brady and Cameron.

“That lasted all of a year,” she says of the Chattanooga job. “It was just too far away from everything. It wasn't the right fit for us.”

In 1999, Van Lunen received two job offers: one from at Old Dominion University and one from the University of Vermont.

“So, I could go back home or stay here,” she says. “UVM had an undergraduate program director position in athletic training and ODU offered a graduate program director position, so we chose Old Dominion.”

As graduate program director of athletic training – a title she still holds – Van Lunen says, the big lure was the strength of the program, the fast pace and the fact that “every day is an adventure.” However, she was less excited initially about the campus itself.

“The university was not very attractive and appealing in 1999,” she says. “But over the years with the leadership at ODU, you have seen the growth. What they said they were going to do, they did. From growing programs, from growing the university, from making ODU a destination for students to want to stay and live.”

As for the 75-mile commute each way, she says, it sure beats UT-Chattanooga.

“I'm used to driving,” she says. “I do it for my family. We love the Outer Banks. The schools are great. And we're about a quarter mile from the ocean.” She calls this “livin' the dream.”



Clockwise from top left: From left, Dean Bonnie Van Lunen, Dr. Muge Akpinar-Elci and former Dean Shelley Mishoe at the Annual Women of Distinction Awards. Dean Bonnie Van Lunen receives a faculty award from then-Dean Shelley Mishoe. Associated Professor Martha Walker and Dean Bonnie Van Lunen present a scholarship to former physical therapy student Matthew Dancigers.



Center for Global Health intern Adam Elci

CENTER FOR GLOBAL HEALTH

The Old Dominion University Center for Global Health increased its presence in the community over the past year with new initiatives such as Healthy Chesapeake and a partnership with Horizons Hampton Roads. The center also has supported its faculty and students in pursuing interdisciplinary opportunities in scholarly activities, service and workforce development.

In 2017, the ODU Center for Global Health signed an MOU with Healthy Chesapeake to support the evaluation effort for Healthy Chesapeake program activities. Healthy Chesapeake was created under the leadership of the Chesapeake Health Department and city leaders to address health issues focusing on nutritional education, promoting access to healthy food, encouraging an active lifestyle, and combatting chronic diseases such as diabetes and high blood pressure.

One of the new endeavors of the center is the service learning opportunity for middle and high school students. Middle-schooler Adam Elci interned at the center in March 2017, and worked on a project that culminated in a film he created which teaches positive ways to cope with stress. The film was selected and presented in November at the 2017 American Public Health Association's Global Public Health Film Festival in Atlanta.

The center is a member of the Norfolk Community Health Improvement Plan working teams. The plan focuses on improving the health and well-being of Norfolk residents for the next five years. As a member of the teams, the center contributes to discussions for the development of the strategies and action plans.

The center created the Global Health Heroes Program and partnered with Horizons Hampton Roads to implement the program in the community. The program targets low-income elementary students, and teaches them about global health and each individual's responsibility to the earth. In late July 2017, the center designed an illustrative PowerPoint presentation on the fundamentals of global health as well as fun, interactive games to reinforce learning.

The center's staff also visited Ghent Montessori Middle School to teach students how drugs and alcohol can adversely affect the human body and the benefits of making smart decisions about drugs. The event focused on prescription drug use, new psychoactive substances (NPS) and alcohol.

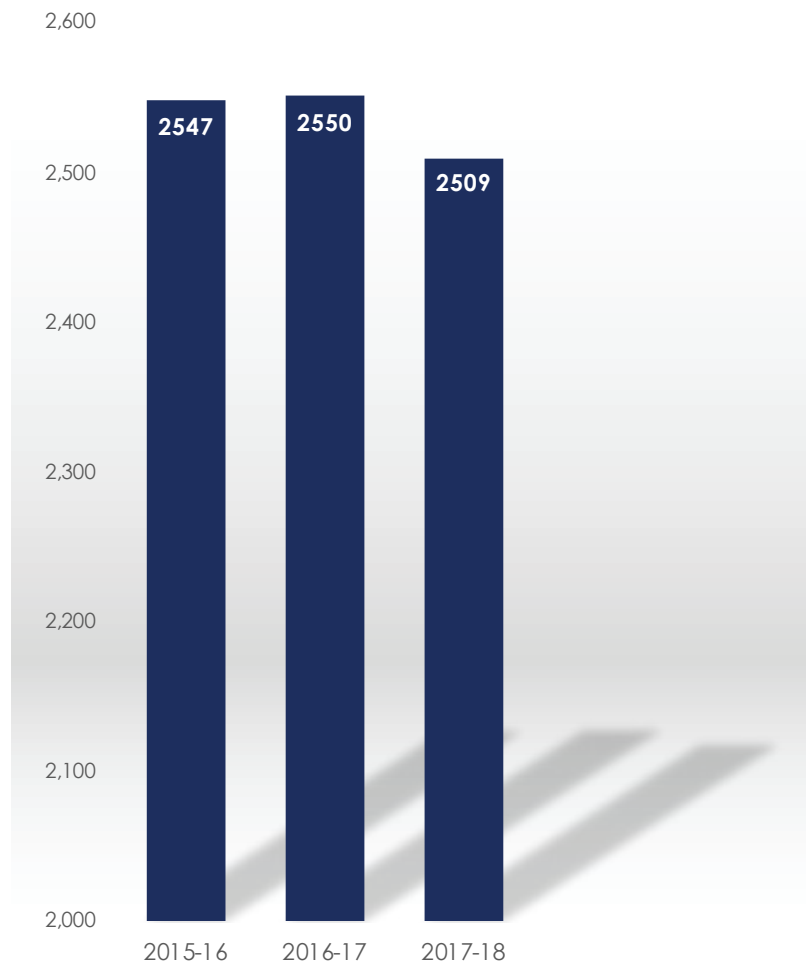
The Let's Move Virginia Beach Project (LMVB) continued to gain momentum, as the center carried on its collaboration with the Virginia Beach Health Department and Parks & Recreation. LMVB's healthy eating and physical activity intervention was developed to combat childhood obesity.



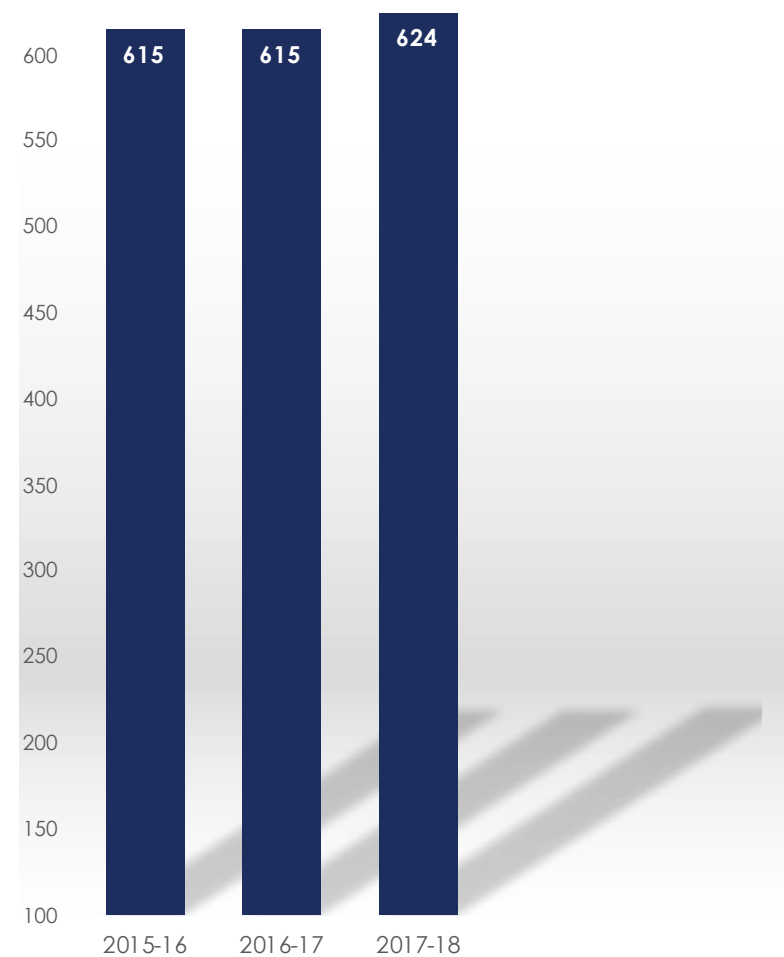
Center for Global Health's Jamie Edmonds works with students in Portsmouth through the Healthcare Heroes program.

ENROLLMENT & DEGREES

College of Health Sciences
Total Headcounts*



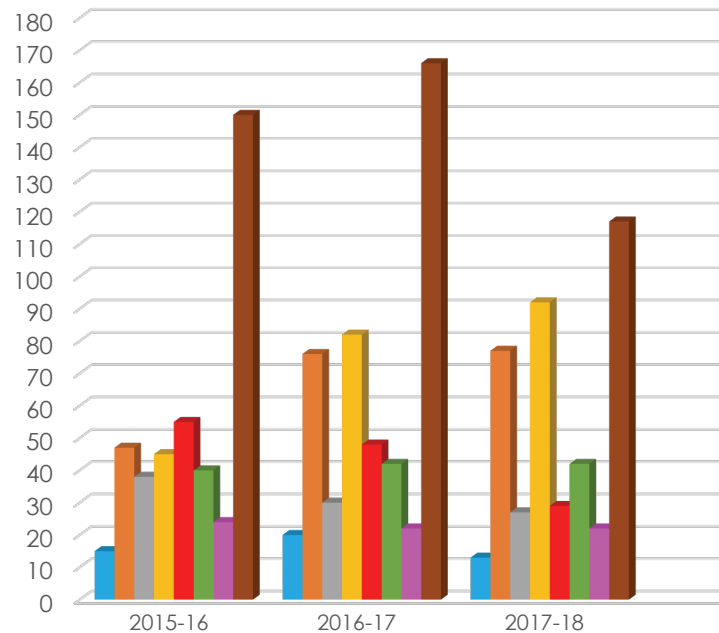
Degrees Awarded*



*Source: Office of Institutional Research, Program Directors

ENROLLMENT INFORMATION

Undergraduate Enrollment by Program

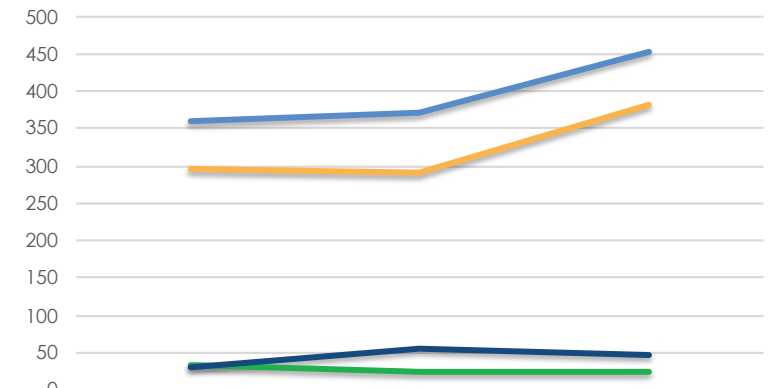


Cytotechnology	15	20	13
Dental Hygiene	47	76	77
Environmental Health	38	30	27
Health Sciences	45	82	92
Health Sciences Public Health	55	48	29
Medical Technology	40	42	42
Nuclear Medicine Technology	24	22	22
Nursing (pre-licensure)	150	166	117
Total	414	486	419

Total Headcount by Program:
Undergraduate Students

Source: Office of Institutional Research, Program Directors

BS Post Licensure Programs for 2017-18



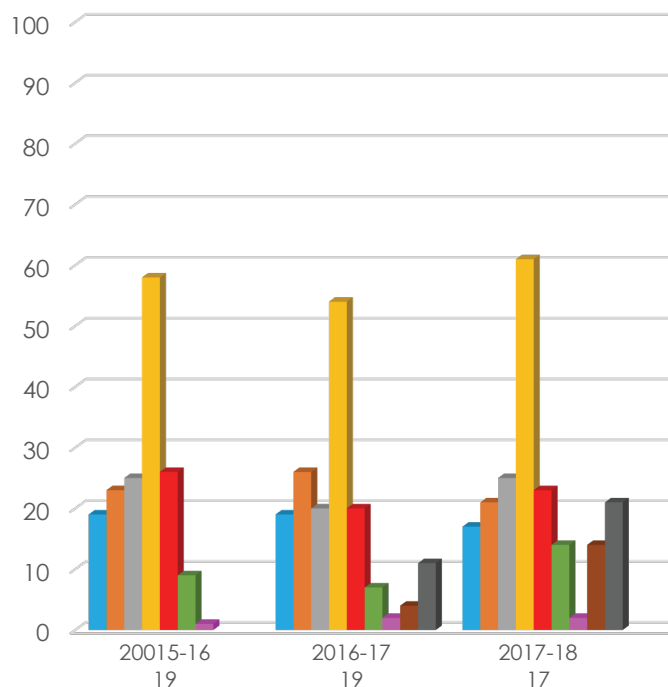
	2015-16	2016-17	2017-18
Dental Hygiene	33	24	24
Health Sciences Health Services Administration	30	55	47
Nursing	297	291	382
Total	360	370	453

Total Headcount by Program:
Degree Completion

Source: Office of Institutional Research, Program Directors

ENROLLMENT INFORMATION

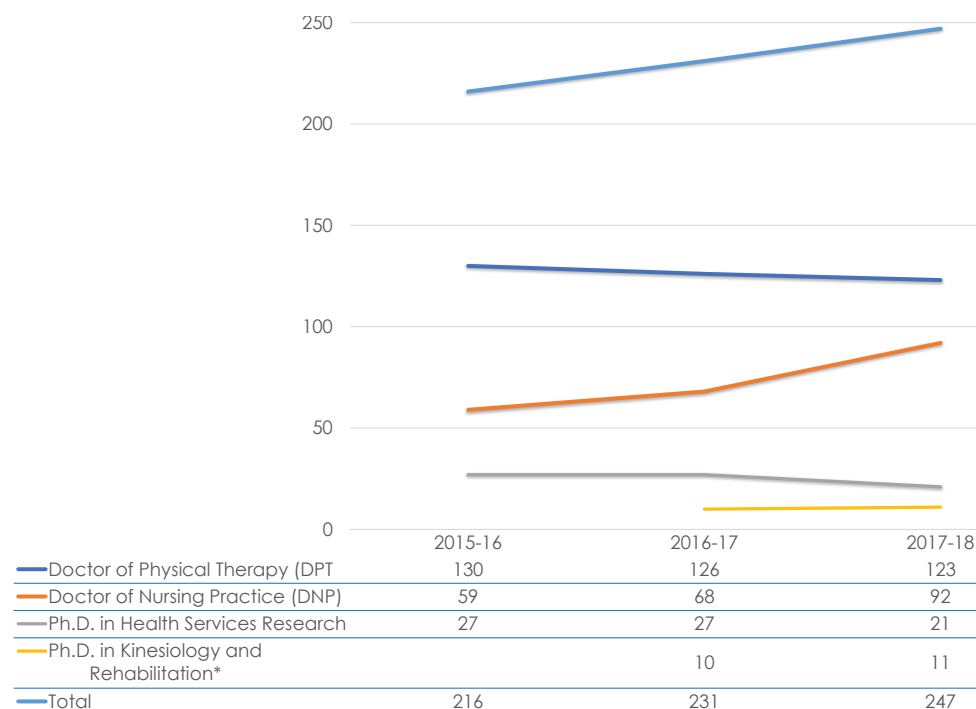
Master's Enrollment by Program



Total Headcount by Program:
Master's Students

*New Programs
Source: Office of Institutional Research, Program Directors

Doctoral Enrollment by Program



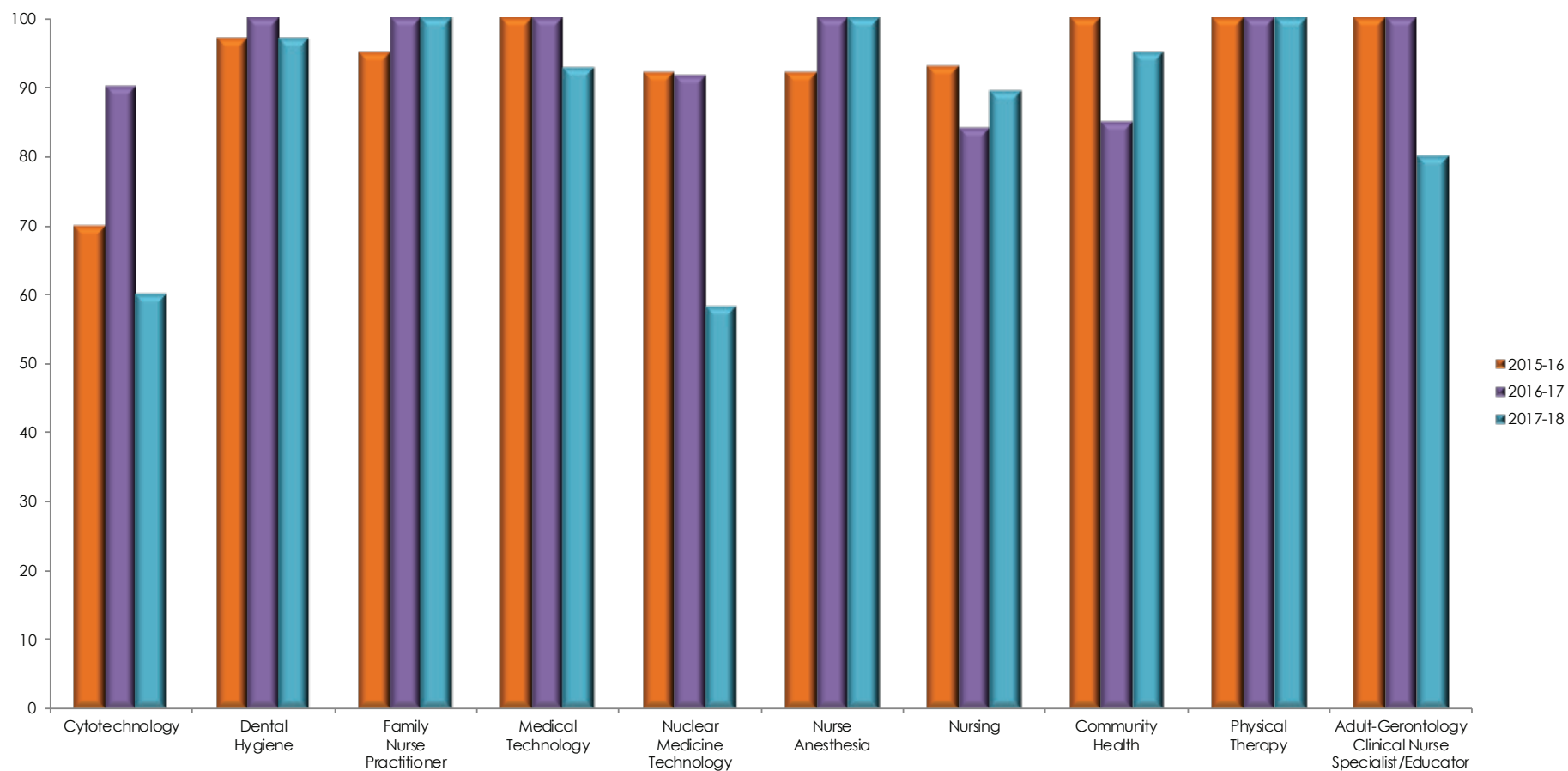
Total Headcount by Program:
Doctoral Students

*New Programs
Source: Office of Institutional Research, Program Directors

OVERALL PASS RATES

College of Health Sciences Licensure/Certification Exam Overall Pass Rates

High pass rates on licensure and certification reflect excellence in education at Old Dominion University, College of Health Sciences



Source: Program Reports

INTERPROFESSIONAL EDUCATION

The 2017-2018 academic year was a banner one for Interprofessional Education (IPE) in the College of Health Sciences. Faculty and students continued to advance the college's strategic goal of creating an IPE and collaborative practice culture with an emphasis on developing IPE courses, interprofessional collaborative practice (IPCP) experiences, and co-curricular IPE learning experiences.

Some highlights included the development and approval of two IPE courses, the establishment of an interprofessional practice site, and the continuation of the college's Conversations on Social Justice series. The two courses are CEH 395 and IPEH 490/590. CEH 395 focuses on an interprofessional approach to suicide prevention and intervention. IPEH 490/590 teaches students about the merits of interprofessional collaboration when addressing a complex issue such as the social determinants of health. Both courses have received the IPE Advisory Committee formal IPE designation. The Interprofessional Ambulatory Care Clinic (ACE) centers patient care around the Social Determinants of Health (SODH) for purposes of decreasing emergency room and hospital admissions and readmissions.

The patients are very much a part of the IPCP team at the ACE clinic, meeting with the team to establish goals around SDOH that are affecting their ability to adhere to their treatment plan. This effort is led by faculty: Tina Haney (nursing), Karen Kott (physical therapy), Carolyn Rutledge (nursing), and Sharon Stull (dental hygiene) in addition to the Eastern Virginia Medical School (EVMS) and College of Education faculty collaborators.

This year's "Conversation on Social Justice" highlighted the "Intersection between Unconscious Bias (i.e. implicit bias) and Health." This well-received dinner seminar was attended by 60 faculty and students from four institutions and eight disciplines. About 350 faculty, staff, students, and alumni attended the 4th Annual IPE Day, which focused on disaster preparedness. Interprofessional student groups engaged in an interactive learning activity where they produced pre-disaster storyboards.



Students work on a project for IPE Day 2018.

As a whole, student evaluations for the academic year revealed that students valued the opportunity to discuss important issues with others who held different personal and disciplinary perspectives. When asked what was the best thing about the unconscious bias event, one student said: "The interactive dialogue, the case study; the ability to meet with and speak with other professions on this topic." Another said, "All the different health care specialties!" Regarding IPE Day 2018, students also stated that they valued the interactions with students and faculty from other disciplines and the team exercise.

INTERPROFESSIONAL



Panel discussion at this year's Conversation on Social Justice.

ONAL EDUCATION

COMMUNITY ENGAGEMENT

HERE'S FOOD FOR THOUGHT

By Irvin B. Harrell

In 2016, **School of Nursing** Lecturer Beth Tremblay was reviewing clinical placements and looking for opportunities where nursing students could learn by helping to fill gaps in community services. Karen Karlowicz, chair of the school, suggested the regional food bank.

Thirty students and two years later, the partnership has become a win-win-win situation. Students have been learning the value of investing in people. Faculty have established a sustainable platform to teach soft skills while driving home the importance of community engagement. And the collaboration provides additional help to the food bank in its efforts to feed the hungry.

The Foodbank of Southeastern Virginia and the Eastern Shore has been providing food to those

without for almost 40 years. The organization fulfills its mission by collecting food donations, distributing food through almost 400 sources, providing disaster relief, and making food financially accessible.

The School of Nursing's work with the agency has been so profound that it was awarded the "Pillars of Promise – Transform Award" this year at the food bank's first annual Hunger Summit. The honor recognized the efforts of Old Dominion University's undergraduate nursing students who have helped the food bank carry out several critical projects as part of their community health practicum experience.

Tremblay knows all too well the importance of this sustainable partnership.

"We need to recognize the work we do as something greater than a temporary volunteerism," she says. "In the case of this site, food scarcity is evident, but we don't solve the problem by just providing food. ... So the students fill the need for more food by holding a food drive, but they also educate the public on what kinds of foods are needed. They educate food recipients on how to use the foods they get and create nutritionally complete meals.

"They discuss how nutrition affects a client's diabetes or hypertension (both very prevalent)," Tremblay adds. "They become advocates for the people by contacting government officials and pointing to the perpetuation of food scarcity through the lack of quality food sources."

Jamela Martin, an assistant professor with the School of Nursing, indoctrinated the first class of students in their community health clinical rotation at the food bank in the summer of 2016.

"Projects take place over the course of one year, with summer semester serving as the assessment period and fall semester serving as the project implementation period," she said.

Among the projects that the students take part in are sorting food donations, staffing at the Food Pantry, volunteering to assist on the Mobile Pantry, creating recipe cards and filling bags for the Backpack Program.

One of the major projects the students took part in was Kid's Café, where students traveled to various food bank-supported sites around Hampton Roads that provide after-school meals to children. Many Kid's Café sites are located in primary schools, after-school care sites, churches, and community centers. Through this project students assist with feeding the children, but primarily provided education to the children about nutritional and physical exercise concepts, Martin said.

"In 2017, the ODU students created a Kid's Café Field Day," she said. "The field day was conducted outside on a warm day and the children were able to learn about water consumption and exercise via a water relay game, fruit and vegetable choices, and my-plate portion sizes in a fun competitive atmosphere that challenged them in teams with their buddies."

Allyson Jett, who received her bachelor of science in nursing (BSN) degree in May, joined the food bank project in January 2017, investing more than 80 hours of volunteer work.

Stocking the shelves and conducting quality control of the food collected at the food bank, and distributing food to those in need across Hampton Roads were two of the top activities, she said. As for the experience, Jett says she has found it enlightening and educational.



From left, Dr. Jamela Martin, senior Rudy Agustin, and lecturer Beth Tremblay accept the Pillars of Promise-Transform Award from the Foodbank of Southeastern Virginia and the Eastern Shore.



COMMUNITY ENGAGEMENT

"We received education on the local as well as the global effects of food deserts," she said. "We also learned how the lack of access to quality foods can affect a population's health."

Paige Rabidoux, another recent BSN graduate, began working with the food bank in summer 2017, spending most of her time working with mobile pantries, distributing food, working with partner agencies, and packaging/sorting food. She says that working with the diverse population and learning about food insecurity has given her a different perspective on those in need of food.

"From this experience, I have realized that small donations can go a long way," Rabidoux said. "We hosted a food drive for a week and donated roughly 250 meals. I have also learned that not only does this population the Foodbank serves need food, most importantly, they need nutritious food."

Having consistent faculty who can build positive relationships with food bank contacts will be key for the project as ODU moves forward, says Tremblay, who received her master of science in nursing at ODU in 2011. This year, plans are in place to expand community connectivity.

"The School of Nursing has been awarded an AACN/ CDC Population health learning hub grant that includes the food bank as one of our community partners," she said. "Through this grant we will be able to train undergraduate nursing students on how to assess social determinants of health, SNAP (Supplemental Nutrition Assistance Program) outreach, and improve nutrition education."



SERVICE AND ENGAGEMENT



Left: Assistant Dean Debbie Bauman participates in the Annual Blood Drive. Right: Dental Hygiene Students provide free dental services.

- The annual blood drive sponsored by Medical Laboratory Science Student Association on March 16, drew a great turnout this year. "Whether you were deferred or successfully donated – we appreciate you supporting the cause," said Professor Barbara Kraj with the School of Medical Diagnostic and Translational Science. Seventy-nine units of blood were collected.
- In December 2017, 25 dental hygiene students provided dental cleanings and exams for 30 low-income patients at Chesapeake Care Clinic on South Military Highway in Chesapeake. Three Old Dominion faculty members – Sharon Stull, Nick Ilchysyn and Lee Melvin – supervised

the students. The Chesapeake Care Clinic does not currently have a full-time hygienist. The patients came from all over the Hampton Roads area. More than \$6,000 in dental services were provided during the all-day event.

- Students enrolled in College of The Albemarle's (COA) nursing program are now eligible to pursue a bachelor's degree in nursing at Old Dominion University at the same time. COA officials announced the college's new agreement with the university in January 2018.
- Old Dominion University on Feb. 16, 2018, announced a partnership with the Virginia

Appalachian Tricollege Nursing Program to enable a seamless transition to ODU's popular RN to BSN online program.

- In late January 2018, students and faculty from the School of Dental Hygiene provided free dental exams, oral cancer screenings and dental cleanings for 36 homeless men and women participating in Homeless Connect Norfolk. The students provided more than \$9,000 of donated preventive dental hygiene services this year with plans to participate in 2019.

SERVICE AND ENGAGEMENT

ANNUAL GIVING



FORMER STUDENTS, CURRENT EDUCATORS HELP PAVE THE WAY FOR THE FUTURE

Often, higher educational giving takes the form of former students paying it forward for those looking for financial aid to help them in their vocational pursuits. Here at the College of Health Sciences, we have a rich history of those who donate their time, talent and treasure.

In 2018, we have two individuals who have done both – not only dedicating their lives to educating students in the college, but providing a financial means to support those interested in becoming healthcare professionals.

Debbie Bauman graduated from the Dental Assisting Program at Old Dominion University in 1978, the Dental Hygiene Program in 1980 and the Master's Degree Program in 1982. Since then she has been teaching dental assistants and dental hygienists.

She currently serves as assistant dean of the College of Health Sciences and was the former chair of the School of Dental Hygiene. In May she created the Debbie Blythe Bauman Endowed Dental Hygiene Scholarship, an endowment with the intention of funding tuition up to one-half the cost of tuition and dental hygiene program expenses.

"I was inspired by my grandfather, Dr. Rudolph H. Blythe, who created a scholarship at his alma mater, the University of Albany College of Pharmacy," she said. "He funded the full college education of three children and nine grandchildren and created an endowed scholarship. My hope is to assist ODU dental hygiene students, regardless of GPA, in achieving their academic and career goals."

Among the criteria is a full-time student in good academic standing who has declared a major in dental hygiene, and one who had demonstrated financial need.

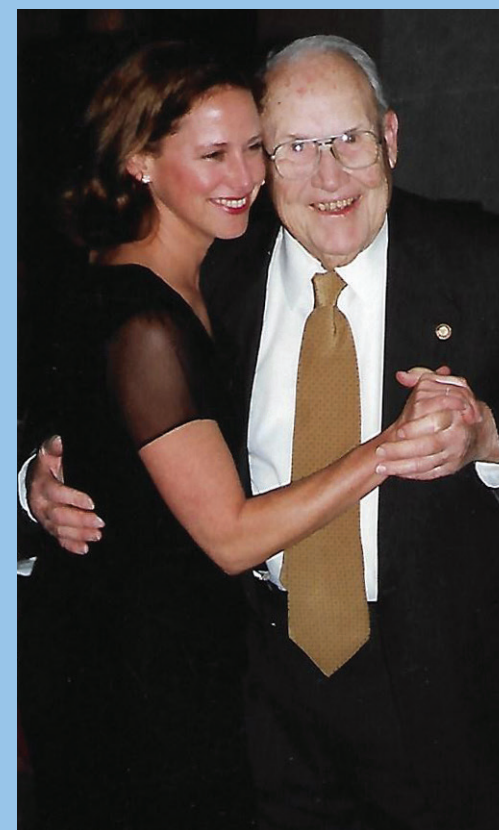
Dr. Deanne Shuman, also no stranger to giving, created the Deanne Shuman Endowed Scholarship in Public Health this year. Shuman received her bachelor of science in dental hygiene at ODU in 1974, following it up with a master of science in dental hygiene at ODU in 1976, then a Ph.D. in urban services/management track at ODU in 2000. She currently is an instructor in the School of Community and Environmental Health, where she formerly served as chair.

Not one for attention, Shuman says, "My consolation is that it is inspirational for other individuals."

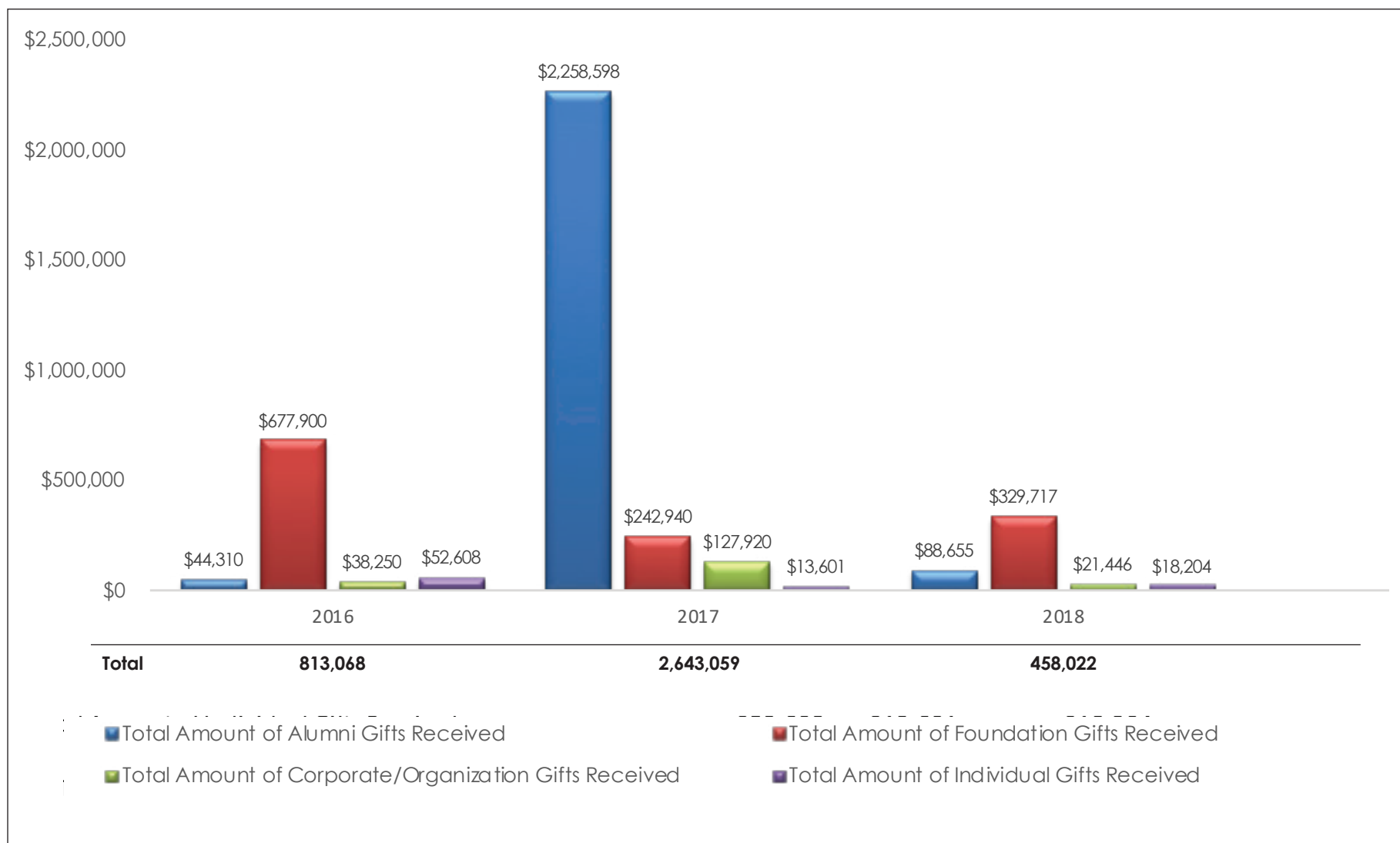
Qualifications for the Deanne Shuman Scholarship are regular admission status to the BS in Health Sciences Program on the basis of completed and fully evaluated credentials and in good academic standing, a minimum GPA of 3.25, and full-time enrollment. The scholarship is also renewable.

In 2014, she also established the Deanne Shuman Endowed Scholarship in Health Services. The scholarship is for students admitted into the Ph.D. in Health Services Research Program and in good academic standing with a minimum GPA of 3.25, full-time enrollment, and an essay describing career goals. Preference is given to dental hygienists interested in teaching and research.

These gifts epitomize the positives of alumni engagement. Both Bauman and Shuman, buoyed by the education and belief in their field and its future students, have provided an opportunity for others to follow in their footsteps.

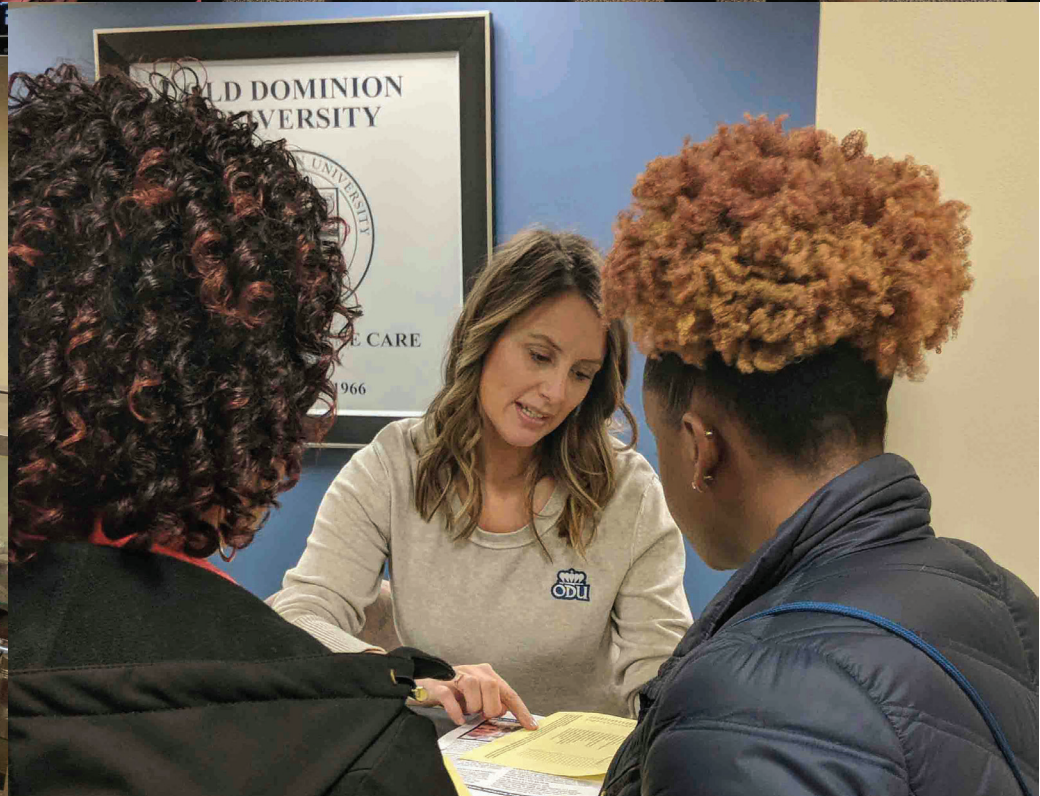


Debbie Bauman and her grandfather, Dr. Rudolph H. Blythe.





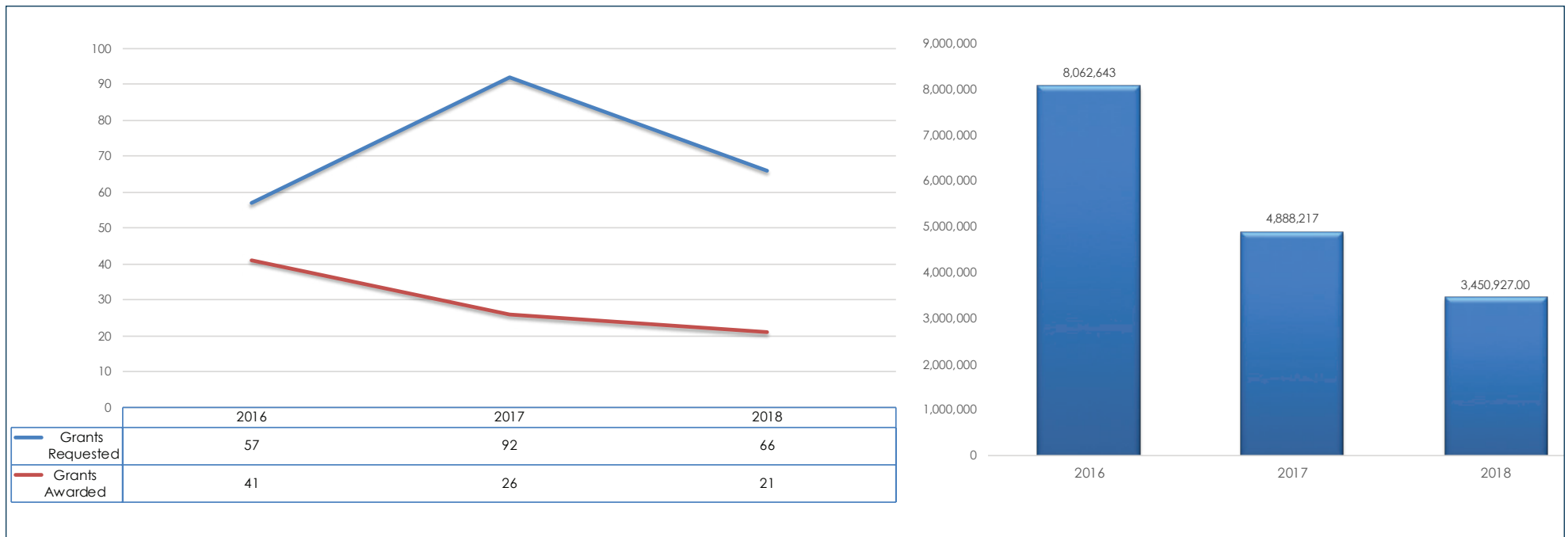
ADMITTED STUDENTS DAY



GRANT FUNDING

Number of Grants

Grants Awarded



External grant money in 2017-18 **\$3,450,927**

Source: ODU Research Foundation

OUTSTANDING PROGRAM GRADUATES



Adaira Howell, left, one of the exemplary 2018 graduates in the College of Health Sciences, received the Academic Achievement Award in the spring from the School of Dental Hygiene. The 21-year-old from Norfolk beams when she talks about her goal in life: "I love smiles. It's the first thing I notice. Why not help others have the smiles they've always wanted." Howell is now pursuing a master of science in dental hygiene at ODU.

Kelsey Bernier, who received a bachelor of science in medical laboratory sciences in Fall 2017, was recognized for academic excellence by the ODU Alumni Association at a special dinner on Dec. 14, 2017. Bernier completed at least 60 hours at the university and had the highest grade point average in the College of Health Sciences. Kelsey carried the college's banner and led graduates in the commencement ceremony.

From left, December graduate Kelsey Bernier, Associate Professor Barbara Kraj, and Assistant Dean Debbie Bauman get ready for Fall 2017 commencement.



FACULTY/STAFF ACHIEVEMENTS

In summer 2017, Associate Professor **Dr. Gail Grisetti** and adjunct instructor **David Lawrence** received the official transfer of the Walking Free trademark from Physicians for Peace to the newly formed nongovernmental organization Mission Gait. The goal of Mission Gait is to provide education and training on physical rehabilitation for persons living with limb loss.

Dr. Anna Jeng, professor of environmental health in the School of Community and Environmental Health, was appointed by Gov. Terry McAuliffe to serve on the Virginia State Board of Health for a four-year term starting in August 2017.

The National Academy of Sciences chose **Dr. Steven M. Becker**, a professor at Old Dominion University, to serve on its Nuclear and Radiation Studies Board. Becker is an internationally known authority on disaster preparedness and response, radiation emergencies, and risk communication. He will serve on the board until 2021.

Dr. Muge Akpinar-Elci, professor and chair of the College of Health Sciences' School of Community and Environmental Health and director of ODU's Center for Global Health, was named a 2018 Woman of Distinction by the Hampton Roads YWCA. Akpinar-Elci also received the President John R. Broderick Diversity Champion Award this past spring.

Dr. Kimberly Adams Tufts, professor and assistant dean for interprofessional education, and interim dean for program evaluation was selected as one of ODU's 2018-19 Entsminger Fellows. This year's Entsminger Fellows will play a leadership role as entrepreneurship advocates within their respective colleges and/or departments. They will also collaborate with the Division of Entrepreneurship and Economic Development (DEED) to implement the vision articulated by President Broderick.

Dr. Elizabeth Locke, director of clinical education at the School of Physical Therapy & Athletic Training, was elected to serve a three-year term on VersAbility Resources' board of directors from January 2018 through December 2021. VersAbility Resources is a regional nonprofit organization with global contracts that serves 1,600 persons with disabilities annually in early childhood, day support, community living, and four diverse employment programs.

Dr. Deborah Gray, director of the Family Nurse Practitioner Program, recently was chosen for a Core Scholar Fulbright Award. The honor will give her an opportunity to work with the University of Botswana (southern Africa) and the World Health Organization's Center for Nursing and Midwifery in Gaborone, Botswana, to increase access to health care and the number of advanced practice nurses in Africa.

Dr. Lisa Koperna, lecturer with the School of Physical Therapy & Athletic Training and director of ODU Monarch Physical Therapy clinic, recently received an Entrepreneurial Excellence Award for her work as an intrapreneur. Koperna was recognized at an awards ceremony on June 11, 2018, at The Founders Inn in Virginia Beach.

College of Health Sciences Awards

Outstanding Staff: Kari Leporatti and Tammie Smith

Outstanding Adjunct Teaching: Angela Wilson

Outstanding Faculty Teaching: Tara Newcomb and Amy Lee

Outstanding Technology Teaching: Tina Haney

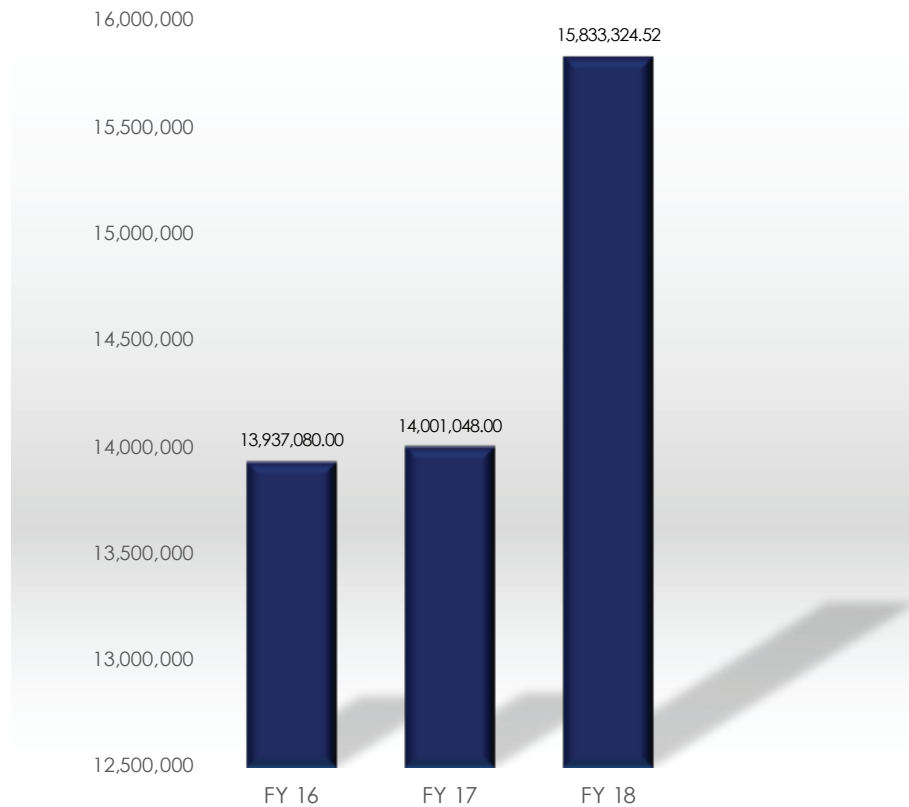


Lisa Koperna receives intrapreneurial award.

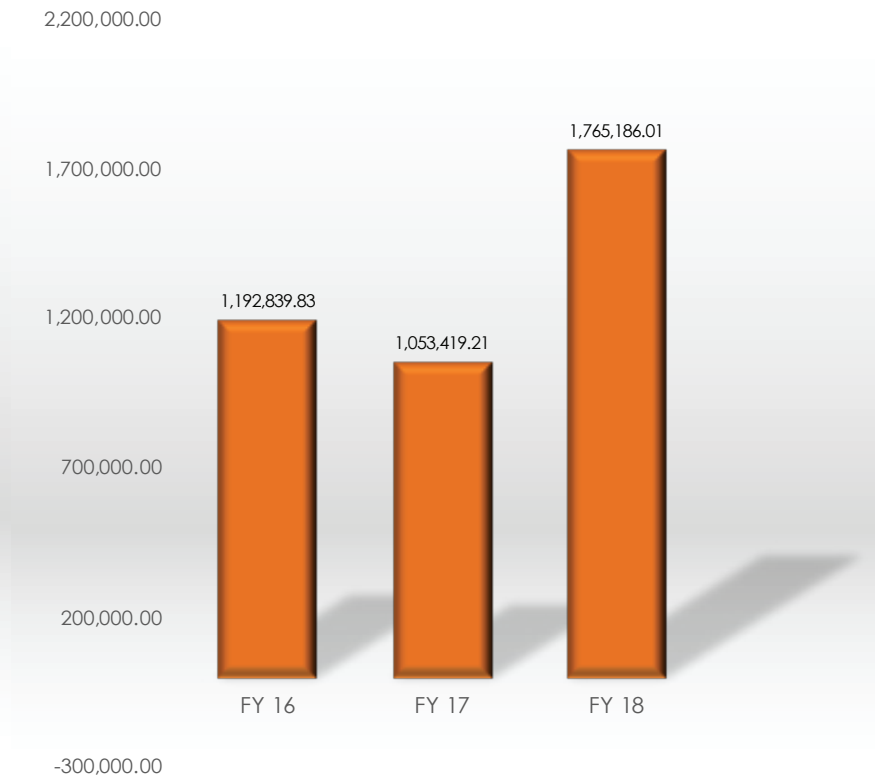


FINANCIAL STATUS

Salaries and Expenses



Revenue Totals



% Revenue to Salaries & Expenses	FY16	FY 17	FY 18
	8.56%	7.52%	11.15%

Note: Revenue listed above includes amounts attributed to continuing education, Monarch Physical Therapy services, tuition from consortia programs, and general fund.

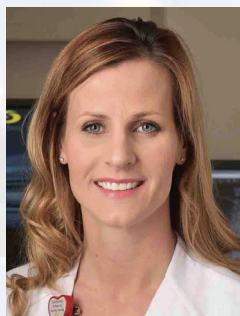
Source: Banner, Monarch PT Clinic Director

ALUMNI HIGHLIGHTS

Carter Ficklen III, an Old Dominion University 1996 alumnus from the Environmental Health program, was recently awarded the College of Health Sciences Outstanding Alumni Award. Carter has made outstanding contributions to the profession, the college, and our students. Carter has contributed his time and money to our college, often coming to classes to serve as a guest speaker for students, giving students internships at NASA Langley, and providing funds for scholarships or equipment for our labs. Carter also serves on the advisory board for the College of Health Sciences.



Dawn Adams, a graduate of Old Dominion University's Doctor of Nursing Practice Program and adjunct faculty in the School of Nursing, is the first openly lesbian lawmaker in the Virginia House of Delegates.



Denise Cox was honored as one of the 2018 Health Care Heroes on Feb. 26, 2018, at the Norfolk Waterside Marriott. Cox earned her bachelor's degree in nursing from Old Dominion University in 1997, followed by a master's in nursing in December 2001, along with a family nurse practitioner certification. She also holds a post-master's certificate in pediatrics and a doctorate of nursing practice, all from ODU.



Associate Professor James Blando, right, presents Carter Ficklen III with the Outstanding Alumni Award.



COMMENCEMENT SPRING 2018



OUR DEAN'S OFFICE

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Sheila Carson, Technical Support

Kriste Salamon, Assistant to the Dean

Irvin Harrell, Coordinator of Strategy & Marketing

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Betsy Thomas, Business and Office Manager

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College of Health Sciences Annual Report

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Dr. Gary Yates, Managing Consultant, Press Ganey Associates

