



GW/ACPS ACADEMY OF HEALTH SCIENCES
at
T.C. WILLIAMS HIGH SCHOOL

Alexandria City Public Schools and the George Washington University School of Medicine and Health Sciences to Create an Academy of Health Sciences at T.C. Williams High School

T.C. Williams High School students have the opportunity to start a career pathway in health care and earn college credits thanks to a new strategic partnership between Alexandria City Public Schools (ACPS) and the George Washington University (GW) School of Medicine and Health Care Sciences (SMHS).

The GW/ACPS Academy of Health Sciences, which opens in fall 2018, expands student offerings to seven career and technical education tracks: biomedical informatics, medical laboratory sciences, sports medicine, pharmacy, emergency medical services, nursing, and surgical technology.

The partnership will create state-of-the-art training for high demand health professional careers. Jobs in health care are projected to grow 18 percent through 2026, adding about 2.3 million new positions nationwide -- more than



any other occupational group, according to the Bureau of Labor Statistics.

Students enrolled at the GW/ACPS academy can earn more than 20 college credits from GW SMHS, starting in the ninth grade. This approach can significantly reduce the amount of time and money needed to graduate from college and lead to careers that are critically needed in the region.



Lois F. Berlin, EdD
Superintendent, Alexandria City Public Schools

A 40-year veteran educator, Dr. Berlin has extensive experience in fiscal management, strategic planning, policy development, program development, curriculum and instruction, professional development, special education and facilities planning and construction.

She comes to ACPS after a six-year retirement from the position of Superintendent of Falls Church City Public Schools (FCCPS) where she served for seven years. Prior to joining FCCPS, Dr. Berlin spent 24 years in Alexandria City Public Schools as a teacher, assistant principal (Cora Kelly), principal (Jefferson-Houston and George Mason) and associate superintendent for Curriculum and Instruction.

Her career includes five years teaching in Aberdeen, Scotland in a residential setting at the Rudolph Steiner School for Special Needs Children. Since retirement, Dr. Berlin has coached principals in Fairfax County Public Schools and the District of Columbia Public Schools. She has also served as executive director of the Washington Area School Study Council (WASSC), whose membership includes superintendents from Virginia, Maryland and the District of Columbia.

In addition to working in public schools as a teacher and administrator, Dr. Berlin has held adjunct faculty positions at the George Washington University and Virginia Tech. She is co-author of "Sexuality and the Schools: Handling the Critical Issues," which provides guidance to school personnel on the handling of harassment and bullying.

Her numerous awards and recognitions include the Alexandria Chamber of Commerce Award for Excellence in Education, the Washington Post Distinguished Educational Leadership Award, the Phi Delta Kappa Key Award, and the highest award presented by the Education Law Association, the McGhehey Award.

Dr. Berlin holds a bachelor's degree in sociology from Virginia Tech, a master's degree in early childhood/special education from the George Washington University, and a doctorate degree in education with a concentration in educational administration and leadership from Virginia Tech.

The academy will provide education and training for students to pursue the following options:

- Attain employment immediately after high school graduation in entry-level health care services careers;
- Matriculate into Northern Virginia Community College (NOVA) to attain an associate's degree;
- Transfer into the GW SMHS through a guaranteed admissions agreement with college credits toward earning a bachelor's degree or can take their GW transcript credit to another school. Under the partnership, students who opt to complete their health sciences degree or enroll in professional programs at GW SMHS will be eligible for scholarships.

Faculty and staff from ACPS and GW are at work building courses within the curriculum pathways. GW faculty are collaborating with T.C. Williams' faculty to broaden and enrich academy offerings. T.C. Williams, the largest four-year high school in Virginia, currently offers nursing and surgical technology pathways in its Health and Medical Sciences Department, so academy students can focus their study in those fields in addition to five new tracks.

The first academy class will start in the fall of 2018 with students in the class of 2022. The application will be available online in early February 2018 and will include a statement of interest, transcript, three recommendations and a letter of support from a parent/guardian. Applications will be due April 1, 2018, and the first class of up to 150 students will be notified by June 2018.

After students complete the freshman "Introduction to Health and Medical Sciences" course, they will choose one of the seven career pathways to complete.

Upon graduation of the first cohort of students, GW and ACPS will begin collecting data to assess the program's impact on the local, regional, and national workforce, as well as the progression of students to NOVA and GW.



Terri Mozingo, EdD
Chief Academic Officer, Alexandria City Public Schools

Dr. Terri H. Mozingo has enjoyed a successful career in public education for over 20 years. Since 2014, Dr. Mozingo has served as the Chief Academic Officer for Alexandria City Public Schools. She believes in working tirelessly on behalf of all children to positively impact their lives. Her mission is to collaborate with parents, community, and staff to ensure that every student succeeds.

Dr. Mozingo has held a variety of roles in public education. She has been a classroom teacher, an assistant principal, a principal, an assistant/associate superintendent for curriculum and instruction, an area superintendent, and a chief academic officer. Her career includes experience in adult education, career and technical education, curriculum and instruction, early childhood education, gifted and talented, program development, professional development, project management, research and accountability, school improvement, and special education.

In addition to working in schools and school divisions, she has also served as a team leader for the North Carolina Department of Public Instruction for improving student achievement. This work consisted of working with teachers, school leaders, parents, community leaders, and the state to improve academic outcomes for students.

Dr. Mozingo holds a bachelor's degree from Fayetteville State University in intermediate education and social studies, a master's degree in curriculum and instruction from North Carolina State University, and a doctorate degree in educational leadership from the University of North Carolina at Chapel Hill. Her doctoral dissertation was titled, *Work Teams In Industry: High School Possibilities*.

T.C. Williams High School



T.C. Williams, named after a former superintendent of schools who served from the mid-1930s until the mid-1960s, opened in 1965. In 2007, a new state-of-the-art, environmentally green school opened its doors at the present site. T.C. is a well-respected, comprehensive high school with an enrollment of approximately 4,000 students in grades 9-12 in the 2016-17 school year.

Two campuses comprise T.C. Williams. The Minnie Howard Campus is home to ninth-grade students, who also participate in daily classes, sports, and extracurricular activities on the King Street Campus. The King Street Campus is home to students in grades 10 through 12.



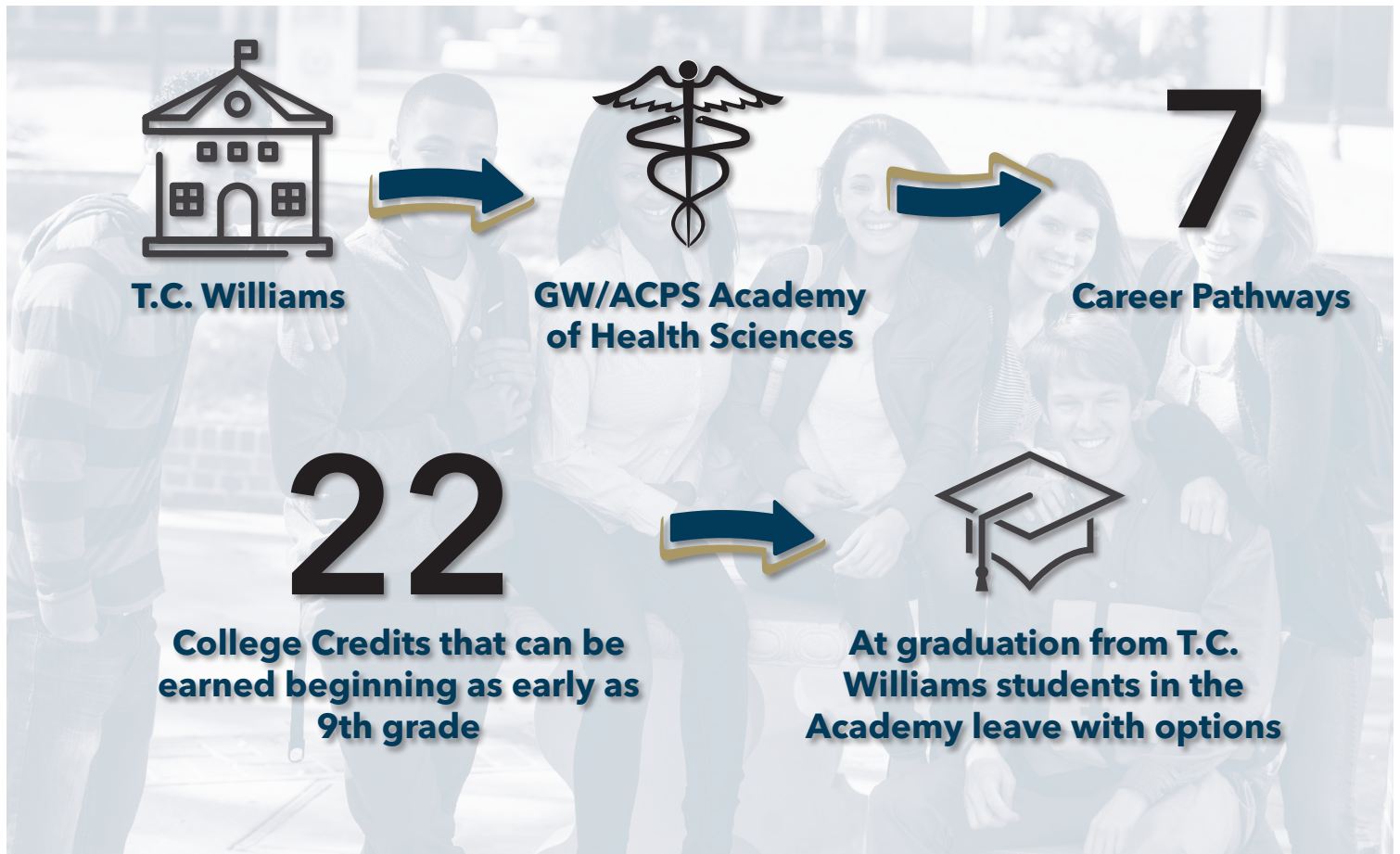
The school draws from a population that is economically, racially, and ethnically diverse. As a cross-representation of American society, our diversity blends into a rich, heterogeneous student body. Students come from 118 countries and speak 120 languages. T.C. Williams boasts among the lowest counselor-to-student ratios nationally, to guide student-led development of individualized career and academic plans as well as a comprehensive school counseling program addressing the social/emotional needs of all students.



Career Pathways in the Academy of Health Sciences at T. C. Williams High School



Pathway Options	Year I Grade 9	Year II Grade 10	Year III Grade 11	Year IV Grade 12	This can lead to a...	VDOE Career Pathway
Surgical	Intro to Health & Medical Sciences	Medical Terminology with Anatomy & Physiology	Sterile Processing	Surgical Technology	Industry Certification -or- Surgical Technology A.A.S. -or- Health Sciences B.S.	Therapeutic
Nursing	Intro to Health & Medical Sciences	Medical Terminology with Anatomy & Physiology	Nutrition	Certified Nurse Aide	Industry Certification -or- Nursing A.A.S. -or- Health Sciences B.S.	Therapeutic
Biomedical Informatics	Intro to Health & Medical Sciences	Biotechnology Foundations	Health Informatics I	Health Informatics II	Industry Certification -or- Health Information Management A.A.S. -or- Biomedical Informatics B.S.	Health Informatics
Sports Medicine	Intro to Health & Medical Sciences	Medical Terminology with Anatomy & Physiology	Sports Medicine I	Sports Medicine II	Industry Certification -or- Physical Therapy, A.A.S. -or- Health Sciences B.S.	Diagnostics
Emergency Medical Services	Intro to Health & Medical Sciences	Emergency Medical Technician I	Emergency Medical Technician II	Emergency Medical Technician III	Industry Certification -or- Emergency Medical Services A.A.S. -or- Emergency Medical Services B.S.	Therapeutic
Pharmacy	Intro to Health & Medical Sciences	Medical Terminology with Anatomy & Physiology	Pharmacy Studies I	Pharmacy Studies II	Industry Certification -or- Associates of Science -or- Health Sciences B.S.	Support Services
Medical Laboratory Science	Intro to Health & Medical Sciences	Medical Terminology with Anatomy & Physiology	Medical Laboratory Technology I	Medical Laboratory Technology II	Industry Certification -or- Medical Laboratory Tech A.A.S. -or- Medical Laboratory Sciences B.S.	Biotechnology Research & Development

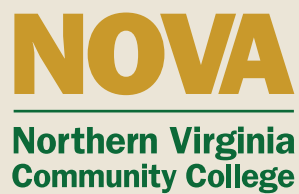


Option 1



Students leave high school with enough training to enter the workforce

Option 2



Students can pursue an associate's degree

Option 3



Students earn guaranteed admission into GW SMHS or can take their GW transcript to another school.

The George Washington University School of Medicine and Health Sciences

GW SMHS Health Sciences Programs

The GW Health Sciences is a vibrant unit within the George Washington University (GW) School of Medicine and Health Sciences (SMHS). As the training ground for the nation's next generation of experts in health care quality, regulatory affairs, physical therapy, clinical and disaster relief operations, physician assistant studies, and many other professions, GW Health Sciences prioritizes the creation of a highly qualified workforce of tomorrow.

Our programs integrate modern digital technologies with time-honored academic traditions to

provide students with the foundation necessary to become the industry leaders of tomorrow.

Classroom, online, and blended learning instruction and practical experience are the cornerstones of the GW Health Sciences programs. Our dynamic programs incorporate the most progressive theories and equipment into the curricula and readily adapt to the changing needs of the industry.

Our students train in some of the most advanced learning environments available. The SMHS Clinical Learning and Simulation Skills (CLASS) Center in Ross Hall enables our students to practice critical care skills and procedures on human-patient simulators, and teach and evaluate clinical skills through standardized patient interactions. On the university's main campus in the Foggy Bottom neighborhood of Northwest Washington, D.C., there are two expansive physical therapy lab spaces equipped with a state-of-the-art Patient Movement System, as well as two lecture halls, a student lounge, and conference and breakout rooms.



Reamer Bushardt, PharmD, PA-C, DFAAPA

Senior Associate Dean for Health Sciences

Reamer L. Bushardt, PharmD, PA-C, DFAAPA, is the senior associate dean for health sciences and professor of physician assistant studies at SMHS. Dean Bushardt oversees the wide array of health sciences research and academic programs at GW's main campus in Foggy Bottom and the university's Virginia Science and Technology Campus in Ashburn, Virginia.

In his administrative roles, Dean Bushardt nurtures an environment of academic excellence dedicated to interprofessionalism and collaborative practice, patient safety and quality outcomes, clinical practice innovation, medical informatics research, and translational science. He is an active teacher and researcher, with grants from leading scientific organizations such as the National Institutes of Health, in the area of clinical and translational science.

Dean Bushardt began his health care career as a pharmacist, and then trained as a physician assistant. He fused these disciplines in his primary care practice to focus on vulnerable populations, including older adults with complex medication regimens and patients in medically underserved and rural communities.

He regularly presents at national and international conferences on evidence-based practice and models he has developed to identify and manage potentially inappropriate drug therapies.

Dean Bushardt has published extensively on medical and health care professional education, leadership development, medication safety, and practice models that leverage interprofessional and collaborative practice. He serves as editor-in-chief of the *Journal of the American Academy of Physician Assistants*, an international peer-reviewed clinical journal published by Wolters Kluwer Health.



GW's Virginia Science and Technology Campus in Ashburn, Virginia, which has housed universi-

ty research institutes and specialized academic programs since 1991, is home to the Department of Integrated Health Sciences and more than 7,000 square feet of laboratory, classroom, and support space.

Our expert faculty is composed of leading academicians who are shaping the future of health sciences curricula and current practitioners at the forefront of their fields, ensuring a balanced blend of theory and practice. This way, students not only learn important concepts, but they also see them in action through real-life, practical case examples.

GW SMHS Medicine Programs

Founded In 1824, the GW School of Medicine and Health Sciences (SMHS) has been at the forefront of medical education in the United States. It was the first medical school established in Washington, D.C., and the 11th institution nationally. With dozens of top-tier residency programs, SMHS is a competitive and highly-regarded destination for medicine and health sciences students from around the globe.

Among the nation's most selective schools, SMHS has built a distinguished reputation for excellence and innovation in medicine and health sciences. SMHS also has a deep commitment to improving the health and well-being of local, national, and global communities through

its innovative curriculum and diverse programs. SMHS is dedicated to healing through compassionate care; advancing biomedical, translational, and health services delivery research; and promoting a culture of excellence through inclusion, service, and advocacy.



Jeffrey S. Akman, MD

Vice President for Health Affairs, Walter A. Bloedorn Professor of Administrative Medicine, and Dean, School of Medicine and Health Sciences

Jeffrey S. Akman, M.D., was named the Vice President for Health Affairs and the Dean of the School of Medicine and Health Sciences in 2013 after serving in an interim capacity since 2010.

As dean, he leads the 11th oldest medical school in the United States and the oldest in the Nation's Capital – an institution that is widely recognized for its commitment to biomedical research, for excellence and innovation in medical and health sciences education, and for its commitment to improving the health and well-being of our local, national, and global communities.

In his capacity as the vice president for health affairs, he serves on GW President Thomas J. LeBlanc's Leadership Council and as a liaison between the university and its clinical partners, including the GW Medical Faculty Associates, the GW Hospital, and the Children's National Health System.

Dr. Akman is one of a handful of psychiatrists who defined and developed the field of HIV/AIDS psychiatry. Most recently he served on President Obama's Presidential Advisory Council on HIV/AIDS.



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School of Medicine
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THE GEORGE WASHINGTON UNIVERSITY

