PRINCE GEORGE'S COUNTY PUBLIC SCHOOLS • PRINCE GEORGE'S COMMUNITY COLLEGE

The Academy of Health Sciences @ Prince George's Community College

Achievement Matters: The Middle College Experience

September 30, 2015

Dr. Christine E. Barrow
Dean, STEM
Prince George's Community College

Dr. Mara R. Doss
Senior Academic Administrator
Prince George's Community College

PRINCE GEORGE'S COUNTY PUBLIC SCHOOLS • PRINCE GEORGE'S COMMUNITY COLLEGE

The Academy of Health Sciences @ Prince George's Community College

A Model for Success

Our Scholars

The Academy of Health Sciences @ Prince George's Community College

How It All Began

- Prince George's Community College (PGCC) and Prince George's County Public Schools (PGCPS) opened the first Middle College High School in Maryland in July 2011: The Academy of Health Sciences @ PGCC.
  - Located on the Largo Campus, first floor of Lanham Hall
  - Operates as a PGCPS high school
- The four-year program (grades 9 to12) blends high school and college work through the use of dual enrollment credits.
- At the completion of the four-year program, students have the opportunity to meet all requirements for a high school diploma and an Associate of Arts (A.A.) degree in General Studies.

The Academy of Health Sciences @ Prince George's Community College

How It All Began

- In 2007, PGCC and PGCPS key administrators formed a workgroup to research and determine the feasibility of the formation of a middle college high school to increase high school and college completion.
  - Started with the Middle College National Consortium in Long Island, NY
  - Joint team visited Challenge Early College in Houston, TX
- Partners established several committees working over two or more years.
  - Core Team (governance; marketing)
  - Curriculum (recruitment; admissions)
  - Finance and Budget
  - Facilities and Technology (added Security and Transportation)
  - Student Services (access to services; conduct; meal service)

PRINCE GEORGE'S COUNTY PUBLIC SCHOOLS • PRINCE GEORGE'S COMMUNITY COLLEGE

The Academy of Health Sciences @ Prince George's Community College

Operate Under a Memorandum of Understanding

- Terms of Agreement
- Indemnification
- Governance
- Facilities
- Technology
- Food Services
- Health Services
- Contracted Services
- Media, Marketing, and Public Relations
- Faculty and Administration
- Admission
- Curriculum Crosswalk
- Conduct
- Budget
- Responsibilities of the Partners

The Academy of Health Sciences @ Prince George's Community College

Governance

The Academy principal, teachers, and staff are 12-month PGCPS employees. Day-to-day operations of the Academy are under the direction of the principal.

Administrators and Staff
Principal
Instructional Specialist
Testing Coordinator
Professional School Counselors (3)
Registrar
Secretary

Teachers
Academic Resource (2)
Biology
Chemistry
Chinese
English (2)
Mathematics (2)
Social Studies (2)
Special Education
Technology Education

The Academy of Health Sciences @ Prince George's Community College

Governance

- An **Executive Board** has the primary responsibility for budget and policy.
- Executive Board members include:
  - PGCC President
  - PGCPS Chief Executive Officer
  - PGCC Vice President for Academic Affairs
  - PGCPS Deputy Superintendent for Teaching and Learning
  - Academy of Health Sciences' Principal

The Academy of Health Sciences @ Prince George's Community College

Governance

- A **Steering Committee** oversees the school's academic design and faculty professional development.
- Steering Committee members include:
  - Academy of Health Sciences Principal
  - PGCC Dean of Health Sciences
  - PGCC Liaison to the Academy
  - PGCC Faculty
  - Academy of Health Sciences Administrators
- The **Dual Enrollment Advisory Committee** addresses dual enrollment issues.

The Academy of Health Sciences @ Prince George's Community College

Budget

- PGCC provides space, utilities, and janitorial services at no cost to PGCPS.
  - PGCC is paying for renovation of relocation site while Lanham Hall is being renovated.
- PGCPS supports and provides office equipment/furniture and operational costs including administrative and staff salaries, transportation, and other school-related expenditures.
- PGCC charges PGCPS 50% of tuition and 100% of fees for Academy students enrolled in college-credit courses.
  - Per pupil costs for PGCPS remained high until third cohort entered the Academy.
- PGCC provides an administrative liaison to the Academy.

The Academy of Health Sciences @ Prince George's Community College

Target Population

- Equity of participation from all areas of Prince George's County
- Rising 9th graders
- Low socio-economic homes (free and reduced meals [FARMS]), and/or first generation college
- Approximately one-hundred students per grade level, beginning with a 9th grade (Year 1) class
- New students not admitted beyond 9th grade

The Academy of Health Sciences @ Prince George's Community College

Application Process and Criteria

- The admission process is on the PGCPS website.
- Students must take the PGCPS Science and Technology test, a nationally normed achievement exam, that is administered in December.
- Over three thousand applications are received each year.
- Applications are reviewed and processed by the PGCPS Subcommittee for Student Applications and Recruitment.
- Fifty percent of the seats go to students from low socio-economic homes (free and reduced meals [FARMS]), and/or first generation college.
- Admission is contingent upon student participation in a Summer Bridge Program.

The Academy of Health Sciences @
Prince George's Community College

Application Process and Criteria

- Academy students in Years 1 and 2 are permitted to take college-level credit courses without completing PGCC assessment or placement procedures.
- Students must successfully complete the PGCC assessment tests and placement procedures required to take college-level credit courses prior to entering Year 3.
- Students who do not successfully complete the assessment or placement procedures are remediated by the Academy and allowed to repeat the tests one time at no cost.

The Academy of Health Sciences @
Prince George's Community College

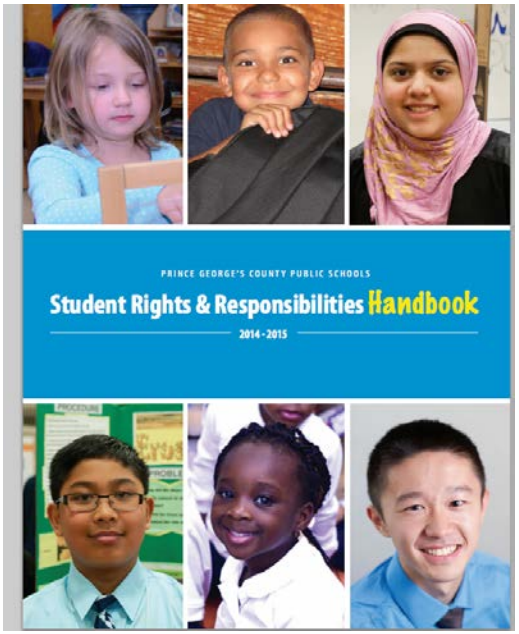
Transportation, Food, and Dress Code

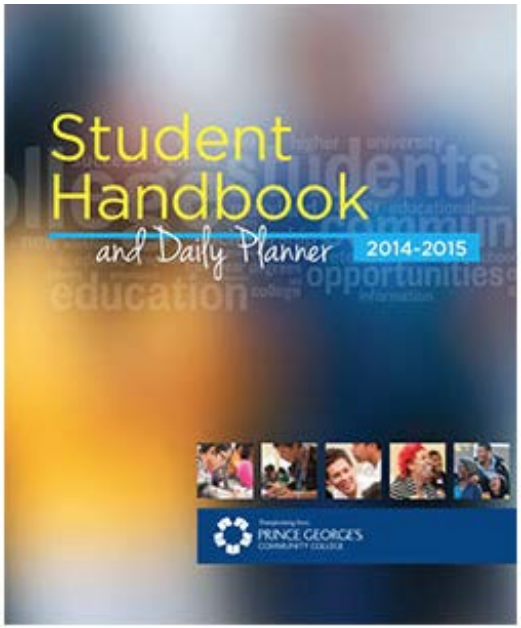
- Transportation is provided by PGCPS at central hubs throughout the County.
- Breakfast and lunch are served in the "Owls Nest." Meals are provided by PGCPS to ensure FARMS parameters are followed.
- Dress Code: Academy lanyards and vertical ID are required for the first two years. In Year 3, students receive a PGCC lanyard and horizontal ID.

PRINCE GEORGE'S COUNTY PUBLIC SCHOOLS • PRINCE GEORGE'S COMMUNITY COLLEGE

The Academy of Health Sciences @ Prince George's Community College

Student Code of Conduct





The Academy of Health Sciences @
Prince George's Community College

Extracurricular Activities

- The Academy does not offer interscholastic athletics.
- Extra-curricular clubs and programs have been developed by the Academy in collaboration with PGCC.

The Academy of Health Sciences @
Prince George's Community College

High School Teachers and College Faculty

- PGCC faculty and Academy staff meet each semester to discuss student performance and expectations, collaborate on course offerings, and review course scheduling.
- Some Academy teachers are also PGCC adjunct faculty members.
- PGCC faculty serve as advisors for Academy clubs.
- PGCC faculty and Academy teacher attendance at professional development conferences (e.g., Middle College National Consortium) provides opportunities for relationship building.

PRINCE GEORGE'S COUNTY PUBLIC SCHOOLS • PRINCE GEORGE'S COMMUNITY COLLEGE

The Academy of Health Sciences @ Prince George's Community College

The Curriculum

The Academy of Health Sciences @
Prince George's Community College

Attending College Classes

- In Years 1 and 2, students attend college classes in cohorts, accompanied by a high school staff member.
  - Students are required to attend seminar sessions where they work on college readings and assignments with professional school counselors.
- In Years 3 and 4, students individually register for and attend college courses.
  - Students prepare for college applications and scholarships with professional school counselors.
  - Students use PGCC academic and student support services needed for success in college courses.

PRINCE GEORGE'S COUNTY PUBLIC SCHOOLS • PRINCE GEORGE'S COMMUNITY COLLEGE

The Academy of Health Sciences @ Prince George's Community College

FIRST YEAR			Credit
		HS	College
English	English 9	1	0
Math	Algebra 1	1	0
	Geometry	1	0
	Algebra 2/Trig	1	0
Science	Biology/HSA Biology Seminar	1	0
Social Studies	U.S. History	1	0
Elective	Psychology/Sociology	1	0
Health/PE	PED 1000 Lifetime Fitness and Leisure Activities (1st AND 2nd Sem)	1	1 1
Elective	Chinese I	1	0
Elective	Foreign Language (Grade 8)	1	0
Elective	PAS 1000 Planning for Academic Success	0	1
	TOTAL	***9(10)***	***3(3)***

PRINCE GEORGE'S COUNTY PUBLIC SCHOOLS • PRINCE GEORGE'S COMMUNITY COLLEGE

The Academy of Health Sciences @ Prince George's Community College

SECOND YEAR		Credit	
		HS	College
English	English 10/HSA English Seminar	1	0
Math	Algebra 2/Trig –OR – Pre-Calculus	1	0
Science	Chemistry	1	0
Social Studies	Local & National Government/HSA LSN Gov. Seminar	1	0
Health/PE	HLE 2130 First Aid – Responding to Emergencies/CPR	1	3
Technology Education	INT 1010 (First Semester) Intro to Information Technology (1st or 2nd Sem)–OR – INT 2140 Problem Solving with Spreadsheets 1330 Integrated Software Applications if IC3 Certification is met (1st or 2nd Sem)	1	3
Elective	Chinese II	1	0
Elective	PSY 1010 General Psychology (1st or 2nd Sem)	0	3
	TOTAL	***7***	***9(12)***

PRINCE GEORGE'S COUNTY PUBLIC SCHOOLS • PRINCE GEORGE'S COMMUNITY COLLEGE

The Academy of Health Sciences @ Prince George's Community College

THIRD YEAR			Credit
		HS	College
English	English 11	1	0
Math	MAT 1140 Intro to Statistics (1st Sem)	1	3
Science	BIO 1010 General Biology (1st Sem) – **OR–** BIO 2050 Human Anat. & Phys. I If Bio Challenge Exam requirements are met	1	4
Social Studies	HST 1310 Ancient & Medieval History (1st Sem) HST 1320 Modern History (2nd Sem)	1	6
Fine Arts	MUS 1010 Music Appreciation (1st Sem) ART 1010 Intro to Art (2nd Sem)	1	6
Elective	NTR 1010 Intro Nutrition (1st or 2nd Sem)	0	3
Elective	PSY 2070 General Psychology (1st or 2nd Sem)	0	3
	TOTAL	**5**	***25(37)***

PRINCE GEORGE'S COUNTY PUBLIC SCHOOLS • PRINCE GEORGE'S COMMUNITY COLLEGE

The Academy of Health Sciences @ Prince George's Community College

FOURTH YEAR		Credit	
		HS	College
English	EGL 1010 Composition 1: Expository Writing (1st Sem) **AND** one of the FOLLOWING CLASSES EGL 1100 Composition 2: Expository Writing (2nd Sem) ELG 1320 Composition 2: Writing for Business (2nd Sem) ELG 1340 Composition 2: Writing About Technical Topics (2nd Sem)	1 1	6
Math	Three credits of college-level math based upon placement	1	3
Science	BIO 2010 Microbiology BIO 2060 Human Anatomy & Phys. II	 1	4 4
Social Studies	SOC 1010 Intro to Sociology (1st or 2nd Sem)	1	3
Elective	SPH 1090 Speech Interpersonal Comm (1st or 2nd Sem)	½	3
	TOTAL	5 ½	23
Total(s)	***High School Diploma*** ***Associate Degree - General Studies (emphasis in Health Sciences)***	***27.5***	***60***

PRINCE GEORGE'S COUNTY PUBLIC SCHOOLS • PRINCE GEORGE'S COMMUNITY COLLEGE

The Academy of Health Sciences @
Prince George's Community College

Data Driven Decision Making

"Data informs school-based decisions regarding pedagogy, school structures and systems."

mcnc
middle college national consortium
EXPANDING COLLEGE ACCESS

PRINCE GEORGE'S COUNTY PUBLIC SCHOOLS • PRINCE GEORGE'S COMMUNITY COLLEGE

The Academy of Health Sciences @ Prince George's Community College

Our Data Spring 2015

Total Student Enrollment: 392

Female	**63%**
Male	37%

African-American	**72%**
White	3%
American Indian	2%
Hispanic	14%
Asian	9%

PRINCE GEORGE'S COUNTY PUBLIC SCHOOLS • PRINCE GEORGE'S COMMUNITY COLLEGE

The Academy of Health Sciences @ Prince George's Community College

Our Data Spring 2015

Students Enrolled in College Courses	100%
Overall Coursework Average GPA	3.9
College Coursework GPA	3.45

PRINCE GEORGE'S COUNTY PUBLIC SCHOOLS • PRINCE GEORGE'S COMMUNITY COLLEGE

The Academy of Health Sciences @ Prince George's Community College

Our Data Spring 2015

Attendance Rate	98.7%
High School Graduation Rate (91 of 91)	100%

PRINCE GEORGE'S COUNTY PUBLIC SCHOOLS • PRINCE GEORGE'S COMMUNITY COLLEGE

The Academy of Health Sciences @ Prince George's Community College

Our Data Spring 2015

High School Diploma and Associate Degree (87 of 91)	96%
College Acceptance Rate	100%
Merit-based, Four-year College Scholarships	More than nine million dollars

PRINCE GEORGE'S COUNTY PUBLIC SCHOOLS • PRINCE GEORGE'S COMMUNITY COLLEGE

The Academy of Health Sciences @ Prince George's Community College

A Model for Success

PRINCE GEORGE'S COUNTY PUBLIC SCHOOLS • PRINCE GEORGE'S COMMUNITY COLLEGE

The Academy of Health Sciences @ Prince George's Community College

A Model for Success

In Fall 2014, with grant support from the Maryland State Department of Education (MSDE) and Maryland four-year colleges, businesses, and County government partners, PGCC began the Information Technology Early College (ITEC) Program.

The Academy of Health Sciences @ Prince George's Community College

A Model for Success

The emphasis of the ITEC Program is information technology, and it is comprised of students who attend and are located at the Chesapeake Math and Information Technology (C-M-I-T) Academy, a public charter school in Laurel, Maryland. The ITEC Program provides pathways for students to earn multiple industry certifications, and similar to the AHS, provides an opportunity to graduate at the end of four years with a high school diploma and an associate's degree in Information Technology.

PRINCE GEORGE'S COUNTY PUBLIC SCHOOLS • PRINCE GEORGE'S COMMUNITY COLLEGE

The Academy of Health Sciences @ Prince George's Community College

A Model for Success

The ITEC Program currently enrolls 52 students in grades 9, 10, and 11. ITEC students in grades 9 and 10 take college courses taught by PGCC faculty at CMIT. In fall 2015, students in grade 11 began taking courses at PGCC's Laurel College Center extension site to integrate with college students, which follows the early/middle college model. As of summer 2015, these students completed 21 college credits:

ITEC Program Year 2—Grade 10 College Credits Earned Fall 2014–Summer 2015	
Course Title	**College Credits Earned**
INT-1010 Intro to Information Technology	3
SPH-1010 Into to Speech Communication	3
HST-1410 History of the United States I	3
INT-1330 Integrated Software Applications	3
INT-1111 Programming Logic and Design	3
INT-1700 Understanding Operating Systems	3
INT-1540 Computer Hardware I: A+ Prep	3
TOTAL	21

PRINCE GEORGE'S COUNTY PUBLIC SCHOOLS • PRINCE GEORGE'S COMMUNITY COLLEGE

The Academy of Health Sciences @ Prince George's Community College

PRINCE GEORGE'S COUNTY PUBLIC SCHOOLS • PRINCE GEORGE'S COMMUNITY COLLEGE

The Academy of Health Sciences @ Prince George's Community College

Achievement Matters: The Middle College Experience

Thank You!