

BE WHAT I WANT TO BE

Own
your
SCHOOL
YEAR!

ARE
YOU ON
TRACK?

Find Out
How Ready
You Really
Are!

page 6

Let's Get
Started:
A STEP
BY STEP
PLAN

pages 8, 9

Mychal
Givens
of the
Orioles
Six tips
from #60

page 46



THE DAILY RECORD

#DISCOVERME! CAREER POSSIBILITIES
NEVER CONSIDERED

START COLLEGE IN HIGH SCHOOL



**EARLY
COLLEGE
ACCESS
PROGRAMS**

**SEE
WHAT
CAN
YOU
BE**

SAVE TIME AND MONEY and GET THROUGH COLLEGE DEBT-FREE

As early as ninth grade, all high school students—public, private and home-schooled—can take credit classes for HALF-PRICE tuition at CCBC. Eligible Baltimore County Public School juniors and seniors can take up to four classes TUITION-FREE!

Earn credits toward an associate degree and graduate high school with a semester's worth of requirements completed, plus valuable workplace certifications and credentials in fields like Cybersecurity and Mobile Applications Development.

Finish your associate degree and enjoy guaranteed transfer to any school in the UM system*, or transfer your credits wherever you want to go. That adds up to huge savings—\$15,000 to \$60,000—and a chance for you to get through college with way less debt.

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CCBC

The incredible value of education.

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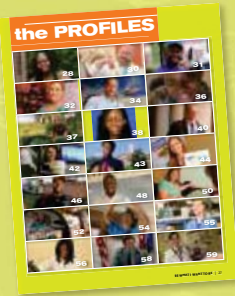
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THE DAILY RECORD

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The Johns Hopkins Health System

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Be What I Want to Be 2016

We believe in the power of education,
opening doors for opportunities in health care
and service to our community.



WHAT DOES IT COST TO LIVE?

MONTHLY EXPENSES



ONE BEDROOM APARTMENT \$1,141



CAR PAYMENT \$400



CAR INSURANCE/MAINTENANCE/GAS \$450



GAS/ELECTRICITY \$150



PHONE/INTERNET/CABLE \$150



ENTERTAINMENT \$200



FOOD \$350

TOTAL EXPENSES

\$2,841

WEEKLY • HOURLY RATE

\$15.00

HOURS
WORKED

40

GROSS
WAGES

\$600.00

TAXES WITHHELD

Federal

-\$102.00

State/local

-\$36.00

Social Security

-\$36.00

OTHER DEDUCTIONS

Health Insurance

-\$20.00

NET PAY (What you take home)

\$406.00

MONTHLY INCOME

PER MONTH • GROSS WAGES

WEEKLY PAY (\$600) X 52

\$31,200.00

\$31,200.00 ÷ 12 MONTHS

\$2,600.00

TAXES WITHHELD (MONTHLY)

FEDERAL

-\$442.00

STATE/LOCAL

-\$156.00

SOCIAL SECURITY

-\$156.00

OTHER DEDUCTIONS

HEALTH INSURANCE

-\$86.67

NET PAY PER MONTH

\$1,759.33

HERE IS WHAT SOME MARYLAND JOBS PAY

Occupation	Education	Median Hourly Wage	Median Monthly Wage	Median Annual Wage	Employment Projections in 2024
Pediatrician	Doctoral or Professional degree	\$88.00	\$15,267	\$183,207	1,070
Lawyer	Doctoral or Professional degree	\$58.50	\$10,128	\$121,530	13,371
Veterinarian	Doctoral or Professional degree	\$54.50	\$9,429	\$113,136	1,624
Information Security Analyst	Bachelor's degree	\$49.50	\$8,579	\$102,952	5,343
Biomedical Engineer	Bachelor's degree	\$44.25	\$7,658	\$91,898	845
Speech Language Pathologist	Master's degree	\$38.75	\$6,717	\$80,601	4,524
Accountant/Auditor	Bachelor's degree	\$38.75	\$6,715	\$80,575	35,229
Technical Writer	Bachelor's degree	\$38.50	\$6,685	\$79,899	2,731
Environmental Scientist	Bachelor's degree	\$37.50	\$6,511	\$78,132	2,882
Nurse (registered)	Associate's degree	\$35.25	\$6,100	\$73,198	99,489
Teacher (Secondary)	Bachelor's degree	\$31.75	\$5,507	\$66,085	88,721
Exec. Administrative Assistant	High School diploma	\$31.25	\$5,402	\$64,818	13,744
Forensic Science Technician	Bachelor's degree	\$31.25	\$5,397	\$64,758	491
Police Officer	High School diploma	\$29.50	\$5,134	\$61,605	14,996
Graphic Designer	Bachelor's degree	\$28.25	\$4,910	\$58,919	4,156
Real Estate Sales Agent	High School diploma	\$24.50	\$4,259	\$51,107	2,861
Civil Engineering Technician	Associate's degree	\$24.50	\$4,253	\$51,032	1,008
Carpenter	High School diploma	\$22.50	\$3,888	\$46,652	13,701
Fitness Trainer	High School diploma	\$22.00	\$3,806	\$45,666	9,585
Emergency Medical Technician	Certificate	\$19.50	\$3,395	\$40,741	5,907
Dental Assistant	Certificate	\$19.00	\$3,272	\$39,262	6,569
Retail Salespersons	High School diploma	\$12.50	\$2,185	\$26,222	78,846
Waiter or Waitress	High School diploma	\$11.00	\$1,900	\$22,794	8,982

WHAT ARE YOU DOING TO PREPARE YOURSELF TO EARN A GOOD SALARY?

For more occupations, visit <http://www.dllr.state.md.us/lmi/> and click on "Occupational and Wage Data" and/or "Projections Data".

EMPLOYEE UNPAID PART TIME OFFER SEASONAL WORK
FULL TIME
JOB ACTIVITY
PAYMENT
PROFESSION CAREER TRAINING
PEOPLE BUSINESS PAID

COURSES CHOICES MATTER... COURSES CHOICES MATTER

**WHAT
YOU DO IN YOUR
FOUR YEARS OF
HIGH SCHOOL IS
IMPORTANT TO HAVING A
SUCCESSFUL
FUTURE.**

**COLLEGES AND EMPLOYERS ASK FOR
HIGH SCHOOL TRANSCRIPTS BECAUSE
THEY WANT TO KNOW:**

- ☐ Did you take challenging courses?
- ☐ Are you prepared to do college work?
- ☐ Do you have the skills you need to be successful?
- ☐ Will you show up for class or work?
- ☐ Are you reliable?
- ☐ Would you be eager to take on a challenge?

**YOU WANT YOUR TRANSCRIPT TO SHOUT
YES! TO ALL OF THOSE QUESTIONS.**

Legal Name Pat Smith
ID Number 625-559-5799
Birth Date 01/01/1998
Class of 2016
Graduation Date 05/27/2016
Parent/Guardian Patrick and Patricia Smith

SECONDARY SCHOOL INFORMATION
School Name Washington High School
Address 123 Second Street
City Baltimore State MD Zip Code 21222
Phone 410-555-2121 Fax 410-555-3131
Principal Mary Jackson Counselor Jim Lawrence

SUBJECTS	INSTR LEVEL	FINAL GRADE	CREDIT EARNED	QUALITY POINTS
SCHOOL YEAR 2012 - 2013				
Gr. 9 English 9	H	A	1.00	5.00
Amer. Govt.	H	B	1.00	4.00
Geometry	H	C	1.00	3.00
Biology	H	A	1.00	5.00
French 2	ST	A	1.00	4.00
Foundations of Art	GT	C	1.00	4.00
PE Fitness	ST	A	1.00	4.00
Present: 175.0	Absent: 5.0		7.00	29.00

SUBJECTS	INSTR LEVEL	FINAL GRADE	CREDIT EARNED	QUALITY POINTS
SCHOOL YEAR 2013 - 2014				
Gr. 10 English 10	H	B	1.00	4.00
World History	H	A	1.00	5.00
Algebra 2	ST	B	1.00	3.00
Chemistry	H	B	1.00	4.00
French 3	ST	A	1.00	4.00
Studio Drawing/Painting	GT	B	1.00	5.00
Tech./Pers. Comp.	ST	B	1.00	3.00
Present: 172.0	Absent: 8.0		7.00	28.00

SUBJECTS	INSTR LEVEL	FINAL GRADE	CREDIT EARNED	QUALITY POINTS
SCHOOL YEAR 2014 - 2015				
Gr. 11 English 11	H	B	1.00	4.00
U.S. History	H	A	1.00	5.00
Pre-Calculus	ST	B	1.00	3.00
Physics	ST	C	1.00	2.00
Figure Drawing 1	GT	B	1.00	5.00
Health	ST	B	1.00	3.00
Telemedia Design 1	GT	B	1.00	5.00
Present: 175.00	Absent: 7.00		7.00	27.00

ACADEMIC COURSE CODES		COURSE GRADES AND NOTIFICATIONS		
GT: Gifted and Talented	Passing	Failing	Notations	
H: Honors	A: 90-100%	E: Below 60%	NG: No Grade	
ST: Standard	B: 80-89%	I: Incomplete	R: Repeated Course	
SE: Special Education	C: 70-79%	U: Unsatisfactory		
	D: 60-69%	AW, BW, CW, DW: Credit Withheld		
	S: Satisfactory			
				<div>June 5, 2016 Mary Jackson</div> <div>Date Official Signature</div>

SUBJECTS	INSTR LEVEL	FINAL GRADE	CREDIT EARNED	QUALITY POINTS
SCHOOL YEAR 2015 - 2016				
Gr. 12 English 12	H	A	1.00	5.00
Economics/Public Issues	H	B	.50	2.00
College Algebra	AP	B	1.00	5.00
Latin 1	ST	A	1.00	4.00
Figure Drawing 2	GT	A	1.00	5.00
Painting	GT	B	1.00	5.00
Telemedia Design 2	GT	B	1.00	5.00
Present: 173.0	Absent: 7.0		6.50	32.00

SUBJECTS	9	10	11	12	TOT
English	1	1	1	1	4.0
Social Studies	1	1	1	1	3.5
Mathematics	1	1	1	1	4.0
Science	1	1	1	1	4.0
World Language	1	1	1	1	3.0
Business Education					
Art	1	1	2	3	7.0
Music					
Physical Education	1				1.0
Health			1		1.0
Technology Education			1		1.0
Vocational Tech Ed.					
Home Economics					
Special Education					
TOTAL					28.5

MARYLAND HIGH SCHOOL ASSESSMENTS (X WHEN PASSED)			
HSA Algebra I	X	HSA Biology	X
HSA English	X	HSA Government	X

Serv. Learning Hrs.	MET
---------------------	-----

GPA: 3.3 Weighted GPA: 4.2

June 5, 2016 Mary Jackson
Date Official Signature

Legal Name Kelly Jones
ID Number 111-22-333
Birth Date 02/02/1998
Class of 2016
Graduation Date 05/27/2016
Parent/Guardian Kenny and Kim Jones

SECONDARY SCHOOL INFORMATION

School Name Washington High School
Address 123 Second Street
City Baltimore State MD Zip Code 21222
Phone 410-555-2121 Fax 410-555-3131

Principal Mary Jackson Counselor Jim Lawrence

SUBJECTS	INSTR LEVEL	FINAL GRADE	CREDIT EARNED	QUALITY POINTS
SCHOOL YEAR 2012 - 2013				
Gr. 9 English 9	ST	C	1.00	2.00
Amer. Govt.	ST	B	1.00	3.00
Algebra 1	ST	E	0.00	0.00
Biology	ST	D	1.00	1.00
Spanish I	ST	C	1.00	2.00
Tech./Pers. Comp.	ST	A	1.00	4.00
PE Fitness	ST	C	1.00	2.00
Present: 165.0	Absent: 15.0		6.00	14.00

SUBJECTS	INSTR LEVEL	FINAL GRADE	CREDIT EARNED	QUALITY POINTS
SCHOOL YEAR 2013 - 2014				
Gr. 10 English 10	ST	D	1.00	1.00
World History	ST	C	1.00	2.00
Algebra 1	ST	R	1.00	1.00
Environmental Science	ST	C	1.00	2.00
Spanish 2	ST	C	1.00	2.00
Health	ST	D	1.00	1.00
Graphic Arts	ST	B	1.00	3.00
Present: 162.0	Absent: 18.0		7.00	12.00

SUBJECTS	INSTR LEVEL	FINAL GRADE	CREDIT EARNED	QUALITY POINTS
SCHOOL YEAR 2014 - 2015				
Gr. 11 English 11	ST	D	1.00	1.00
U.S. History	ST	D	1.00	1.00
Geometry	ST	D	1.00	1.00
Oceanography	ST	C	1.00	2.00
Spanish 3	ST	C	1.00	2.00
Music	ST	E	0.00	0.00
Comp. Aided Design 1	ST	A	1.00	4.00
Present: 167.00	Absent: 13.00		6.00	11.00

ACADEMIC COURSE CODES	COURSE GRADES AND NOTIFICATIONS		
GT: Gifted and Talented	Passing	Failing	Notations
H: Honors	A: 90-100%	E: Below 60%	NG: No Grade
ST: Standard	B: 80-89%	I: Incomplete	R: Repeated Course
SE: Special Education	C: 70-79%	U: Unsatisfactory	
	D: 60-69%	AW, BW, CW, DW:	
	S: Satisfactory	Credit Withheld	

SUBJECTS	INSTR LEVEL	FINAL GRADE	CREDIT EARNED	QUALITY POINTS
SCHOOL YEAR 2015 - 2016				
Gr. 12 English 12	ST	D	1.00	1.00
World Cultures	ST	D	1.00	1.00
Consumer Math	ST	C	1.00	2.00
Ecology	ST	C	1.00	2.00
Fundamentals of Art	ST	D	1.00	1.00
Sign Language	ST	D	1.00	1.00
Comp. Aided Design 2	H	B	1.00	4.00
Present: 160.0	Absent: 20.0		7.00	12.00

ACADEMIC SUMMARY					
SUBJECTS	9	10	11	12	TOT
English	1	1	1	1	4.0
Social Studies	1	1	1	1	4.0
Mathematics	0	1	1	1	3.0
Science	1	1	1	1	4.0
World Language	1	1	1	1	4.0
Business Education					
Art		1		1	2.0
Music			0		
Physical Education	1				1.0
Health		1			1.0
Technology Education	1		1	1	3.0
Vocational Tech Ed					
Home Economics					
Special Education					
TOTAL					26.0

MARYLAND HIGH SCHOOL ASSESSMENTS (X WHEN PASSED)			
HSA Algebra I	X	HSA Biology	X
HSA English	X	HSA Government	X

Serv. Learning Hrs.	MET
---------------------	-----

GPA: 1.9 Weighted GPA: 1.9

June 5, 2016 Mary Jackson
Date Official Signature

**BE HONEST,
WHO WOULD YOU HIRE,
PAT OR KELLY?**

- ☐ The Maryland Scholar with above-average grades?
- ☐ The student with below average grades and poor attendance?

Building on Student Success

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ARE YOU A POTENTIAL MARYLAND SCHOLAR?

Put a check in the column that best describes you and your plans.

I AM DOING WELL IN SCHOOL		
<input type="checkbox"/> MOSTLY TRUE	<input type="checkbox"/> SOMETIMES TRUE	<input type="checkbox"/> NOT TRUE
I SHOW UP TO CLASS ON TIME		
<input type="checkbox"/> MOSTLY TRUE	<input type="checkbox"/> SOMETIMES TRUE	<input type="checkbox"/> NOT TRUE
I DO MORE THAN EXPECTED OF ME IN CLASS		
<input type="checkbox"/> MOSTLY TRUE	<input type="checkbox"/> SOMETIMES TRUE	<input type="checkbox"/> NOT TRUE
I PLAN TO TAKE HIGH LEVELS OF MATH AND SCIENCE		
<input type="checkbox"/> MOSTLY TRUE	<input type="checkbox"/> SOMETIMES TRUE	<input type="checkbox"/> NOT TRUE
I KNOW WHAT I NEED TO DO TO QUALIFY FOR SCHOLARSHIPS AND GRANTS		
<input type="checkbox"/> MOSTLY TRUE	<input type="checkbox"/> SOMETIMES TRUE	<input type="checkbox"/> NOT TRUE
I PLAN TO LEARN A FOREIGN LANGUAGE IN HIGH SCHOOL		
<input type="checkbox"/> MOSTLY TRUE	<input type="checkbox"/> SOMETIMES TRUE	<input type="checkbox"/> NOT TRUE
I AM/PLAN TO GET INVOLVED IN EXTRACURRICULAR ACTIVITIES		
<input type="checkbox"/> MOSTLY TRUE	<input type="checkbox"/> SOMETIMES TRUE	<input type="checkbox"/> NOT TRUE
I CURRENTLY/PLAN TO GIVE BACK TO MY COMMUNITY		
<input type="checkbox"/> MOSTLY TRUE	<input type="checkbox"/> SOMETIMES TRUE	<input type="checkbox"/> NOT TRUE
I AM CAREFUL ABOUT WHAT I POST ON SOCIAL NETWORKING SITES (FACEBOOK, TWITTER, ETC.)		
<input type="checkbox"/> MOSTLY TRUE	<input type="checkbox"/> SOMETIMES TRUE	<input type="checkbox"/> NOT TRUE
I KNOW WHAT I WANT TO DO AFTER HIGH SCHOOL		
<input type="checkbox"/> MOSTLY TRUE	<input type="checkbox"/> SOMETIMES TRUE	<input type="checkbox"/> NOT TRUE

IF YOU SCORED 14 POINTS OR HIGHER:

Congratulations! You are well on your way to being a Maryland Scholar. You will likely complete all the right courses to get a good job with benefits, succeed in college AND qualify for scholarships and grants to help pay for college. Studies have shown that high school graduates who have completed higher levels of math and science classes, come to class on time, and get involved in volunteer and school activities have earned \$1 million more over their lifetime than those who did not. Talk with your school counselor about taking Honors and AP classes, and begin researching colleges you are interested in to make sure you know what they require from you for admission.

IF YOU SCORED BETWEEN 7 – 13 POINTS:

With some effort, you could become a Maryland Scholar. At a minimum, make sure you take and complete Algebra 2, Chemistry, Physics and at least 2 years of the same world language during high school. By completing these courses in high school, you will be twice as likely to graduate from college and earn 13% more in wages a year! Meet with your school counselor at least one time each year to make sure you're on track with your courses. Also consider joining clubs/activities/sports offered at school and in your community. Colleges and employers want to know that you are involved in your school community, and getting involved can also help you access money to pay for college through scholarships and grants.

IF YOU SCORED 6 POINTS OR LESS: You have the potential to be a Maryland Scholar but you will need to step up your game. Employers say that high school graduates that they hire need the same skills and knowledge that colleges require of incoming freshmen! Talk to your family and school counselor. They will help you get – and stay – on the right track. Now's the time to start taking control of your future.

COURSES MATTER + CHOICES MATTER =

MARYLAND SCHOLARS

KEY

Mostly True = 2 points
Sometimes True = 1 point

____ Points
____ Points

Not True = 0 points

____ Points
____ Total

SO NOW WHAT? BECOME A **MARYLAND SCHOLAR!**

Whether your goal is to go to college, the military or get a job after graduation, getting the best possible foundation in high school is essential! You don't have to know what you want to do after high school right now; however, taking the right courses now will allow you to follow any path you choose later on. Being a Maryland Scholar will help you:

- Get a good job that pays more
- Succeed in college-level courses
- Qualify for scholarships and/or grants to help you pay for school

MARYLAND SCHOLAR COURSES

4 credits of English

4 credits of Math (including Algebra 1, Geometry, **Algebra 2**)

3 credits of Lab Science (Biology, **Chemistry**, **Physics****)

3 credits of Social Science (U.S. History, World History, Government)

2 credits of the same **World Language**

Students must attain a 3.0 GPA to qualify

Courses in **bold** are beyond state graduation requirements

**A 3rd lab science may be substituted for Physics

By taking these courses, you will have a greater chance of getting into schools that you apply for, whether it's in state or out of state, because of the skills and knowledge gained from them.



One of the nation's leading energy utilities can put your skill sets to work right now. With a diverse and growing range of services that is helping us define the next generation of energy delivery and management, BGE recruits from various academic and professional disciplines, from engineering to accounting, from systems design to customer care. Whatever your strengths or level of utility experience, you'll find the right fit here for a rewarding career. Visit [BGE.COM/Careers](https://www.bge.com/careers) to get started.



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COUNTDOWN TO COLLEGE



8th Grade

- ❑ Take and complete Math 8 or Algebra 1.
- ❑ Sign up for Maryland Scholars courses in your high school. Plan to include Algebra 2, Biology, Chemistry, Physics and 2 credits of a World Language.
- ❑ Start researching colleges and careers that interest you.
- ❑ Work hard and study to get good grades – it will make a difference in your options for high school.
- ❑ Develop your leadership and citizenship skills; join clubs/ activities, play a sport or volunteer.

9th Grade

- ❑ Check in with your school counselor regularly to discuss goals and plans.
- ❑ Take and complete Algebra 1 or Geometry.
- ❑ Take and complete a lab-based science course such as Biology.
- ❑ Study, study, study! Colleges look at your transcript beginning with freshman grades. ALL 4 YEARS COUNT!
- ❑ Ask a parent, teacher or school counselor for help

when you need it.

- ❑ High school sophomores can begin taking Advanced Placement (AP) classes. Talk to your school counselor about which classes are right for you.
- ❑ Find an extracurricular activity that interests you and join.

10th Grade

- ❑ Check in with your school counselor to make sure you're on track with your coursework.
- ❑ Keep up with classes, assignments and grades.
- ❑ Take and complete Geometry or Algebra 2.
- ❑ Take rigorous lab-based science courses such as Chemistry or Biology.
- ❑ Take honors and AP courses.
- ❑ Continue extracurricular activities and take a leadership role if possible.
- ❑ Take the PSAT or ACT PLAN tests to be prepared to take the SAT and ACT tests.
- ❑ Begin to research dual enrollment opportunities.
- ❑ Plan enrichment activities for the summer, like summer workshops, internships, apprenticeships and jobs.

11th GRADE

- ❑ Maintain good grades and exceed your potential. Junior-year grades are especially important for college admissions, but all four years count.
- ❑ Take honors and AP classes.
- ❑ Take rigorous math and science courses such as Pre-Calculus and Physics.
- ❑ Register, study and take the SAT or ACT test.
- ❑ Take advantage of dual enrollment opportunities offered at your school.
- ❑ Check out the colleges you are interested in – in person and online. Know their admissions criteria.
- ❑ Think about scholarships – start early so you can build a record that allows you to qualify.
- ❑ Make sure you have passed all the High School Assessments. Get help if you haven't.

12th GRADE

- ❑ Make the most of your senior year. It is important! No time to ease up now.
- ❑ Take a rigorous math class so you'll be successful when taking college entrance exams.
- ❑ Meet with your school counselor and review your transcript.
- ❑ Know and meet the deadlines to fill out college applications, and start early to write essays and get teacher recommendations.
- ❑ Submit your college financial aid application (FAFSA) no later than March 1 – even if you think you don't need or won't qualify for financial aid.
- ❑ Search the web and private groups for scholarships and apply.
- ❑ Be recognized as a Maryland Scholar. Celebrate!

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McCormick Brings Passion to Flavor™

STUDENT LIFE

The high school years are all about discovery – discovering who you are as a person, discovering what matters to you and what you value, discovering the path you will take in life. Here are some ideas on extracurricular activities that you can get involved in during high school to discover YOU.



Clubs and Activities

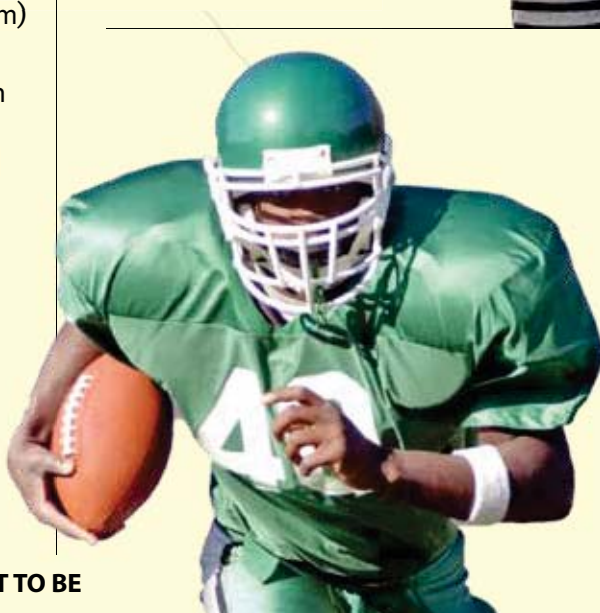
(Help maintain balance, foster creative, social and physical skills, and strengthen self-esteem)

- Debate Team
- STEM Clubs such as Robotics
- World Languages
- Math Team
- Mock Trial
- Mathematics Engineering Science Achievement (MESA)
- Theatre Club
- Yearbook

Leadership

(Helps develop communication and negotiation skills; provides opportunities to network, hone problem-solving skills and discover new talents)

- Future Business Leaders of America
- Honor Society
- Student Athletic Association
- Student Government



Service Learning

(Helps connect real-world experiences to academic subjects and increase understanding of oneself and empathy and respect for others)

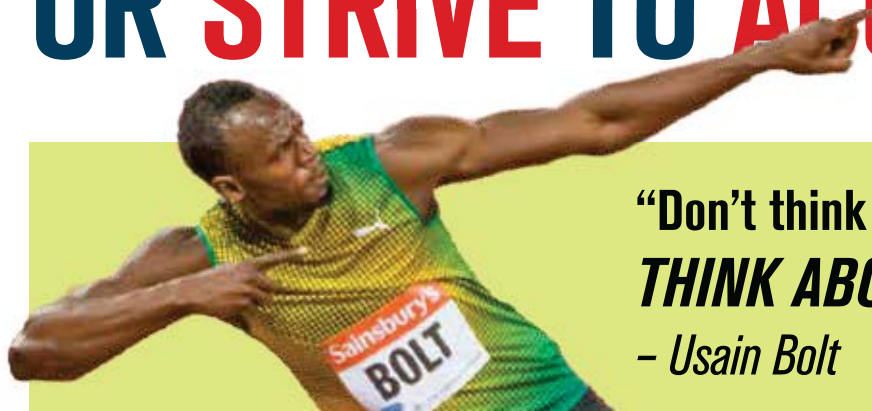
- Become a volunteer tutor.
- Coach a youth team in a sport you love.
- Hold a bake sale or donation drive for your favorite charity.
- Participate in a clean-up of a road, local park or school.
- Teach computer skills to the elderly.
- Volunteer to teach English for Speakers of Other Languages (ESOL).

Athletics

(Help build sportsmanship, teamwork, character development, leadership, athletic skills and health and safety skills)

- Cheerleading
- Junior ROTC
- Junior Varsity or Varsity Sports
- Swimming and Diving
- Track and Field

A GOAL IS WHAT YOU AIM OR STRIVE TO ACCOMPLISH.



**“Don’t think about the start of the race.
THINK ABOUT THE ENDING.”**

– Usain Bolt

WHY SET GOALS?

Setting goals for yourself lets you get more out of life by deciding who you want to be and what you want to do. It is not just a process to identify your dreams, but it helps you achieve them.

HOW DO YOU SET A GOAL?

Make it SMART!

- Be SPECIFIC: what is it that you would like to accomplish?
- How will you MEASURE your success?
- Is it ACHIEVABLE? What actions will you take?
- Set REALISTIC results that you hope to see.
- And how much TIME will you give yourself to reach the goal?

WITHIN THE NEXT 3 – 5 DAYS...

- Share your goals with a teacher, school counselor and/or parent/guardian so they can help support you.

WITHIN THE NEXT 2 WEEKS...

- Review your goals to see if you are on target.
- Make adjustments to your goals if needed.

_____’s Goal Worksheet		
My Goals Are:	I will do the following to help me reach my goal:	I will reach my goal by (date):

REWARD YOURSELF WHEN YOU COMPLETE YOUR GOAL – CELEBRATE!



CLASS OF 2016



**Mount Royal
Elementary
Middle School**
Baltimore, MD

**Frederick
Douglass
High School**
Upper Marlboro, MD



**Catonsville
High School**
Baltimore, MD
Class of 2016

■ INTERVIEW WITH A MARYLAND SCHOLAR **ELONNA J.**

What do you want to do when you graduate from college?

I would like to go into research in order to further study the effects of genetically modified foods on the human body and maybe lobby for the Food and Drug Administration to make more stringent food laws.

How did you decide on your career goal?

I always thought I wanted to be a doctor and help people that way. Since starting my internship in the research lab, I think I can really make a difference conducting experiments and answering the difficult questions we don't yet have the answers to. I also believe it may be easier for me to combine my passion for science and politics in the research field.

What if a student doesn't know what they want to do after high school?

It's OK not to know exactly what you want to do; however, I do know that education is the key to a better life. Take a couple of classes at community college to get a feel for what you want to do in the future. Always try to do something that

is stimulating to your mind and include that in your future plans.

What has being a Maryland Scholar meant to you?

Being a Maryland Scholar means that I did it! Not only did I successfully graduate but I always challenged myself. I always strived to be better than my previous self. Preparation doesn't just come from courses; it comes from the willingness to just keep pushing in the face of adversity.

Was it hard to become a Maryland Scholar?

It wasn't difficult, but it definitely wasn't a breeze. Challenging yourself academically is a choice you make in hopes of seeing results later. In school, the only validation you are getting are good grades, but I looked at these grades as an investment in my future. These grades would soon help me get into college, finish college successfully and help me create a better life. Challenges pay off, and I'm proud I completed the coursework to be a Maryland Scholar.

CAREER GOAL:
Own a
Research
Lab and
become a
Senator



University of Maryland
College Park, MD
Majoring in: Biology
Minoring in: Government and Politics

WORDS OF ADVICE

- Find resources. They are everywhere, from counselors, to mentors to teachers. They are there to help.
- Don't be scared to challenge yourself. It may turn out better than you expect.
- Explore every possible interest you have, because doing what you love is the ultimate goal.
- **READ BOOKS!** Seriously, about anything and everything.

MICHELLE MOORE

Student leader.

Riverhawks Athlete.

Transfer student to four-year.

Future athletic trainer.



REDEFINE YOURSELF.™



At AACC, we have been redefining futures for people like Michelle since 1961. Choose from hundreds of degree and certificate programs to launch or advance your career.

To see Michelle's complete story, visit aacc.edu/redefine.

THE SIX DEGREES OF EDUCATION



CERTIFICATE

Examples: Electrical Technician, Real Estate Broker, or Occupational Therapist Assistant

What is required for a Certificate?

- Certificates can take just a few weeks or up to two years to earn.
- They are awarded by community colleges and private career schools.
- They also can be earned by completing job training or even in a high school program.

ASSOCIATE'S DEGREE

Examples: Dental Hygienist, Graphic Designer, or Registered Nurse

What is required for an Associate's Degree?

- Two years of full-time coursework, or 60 credits, are needed.
- Associate's degrees are offered at community colleges.
- Associates of Arts (A.A.), Associates of Science (A.S.) or Associates of Applied Science (A.A.S.) degrees are for technical or career programs.

BACHELOR'S DEGREE

Examples: Financial Advisor, Forensic Science Technician, or Computer Software Engineer

What is required for a Bachelor's Degree?

- Four or five years of full-time coursework, or 120 credits, are needed.
- Bachelor of Arts (B.A.) degrees (also known as liberal arts degrees) require courses in art, culture, history, English, social and life sciences and languages.
- Bachelor of Science (B.S.) degrees often prepare people for careers in engineering, physical sciences and other technical fields.

MASTER'S DEGREE

Examples: Environmental Scientist, Statistician or Physical Therapist

What is required for a Master's Degree?

- It usually takes one or two years after earning a bachelor's degree.
- It often requires very specific undergraduate courses.
- Many students need to take the Graduate Record Exam (GRE) to be accepted to a graduate school.

PROFESSIONAL DEGREE

Examples: Veterinarian, Pediatrician, or Lawyer

What is required for a Professional Degree?

- It usually takes at least six years of college work.
- Academic requirements must be completed to become licensed in careers such as law, medicine and architecture.
- Students generally spend four years working on a bachelor's degree plus another few years on their professional degree.

DOCTORAL DEGREE

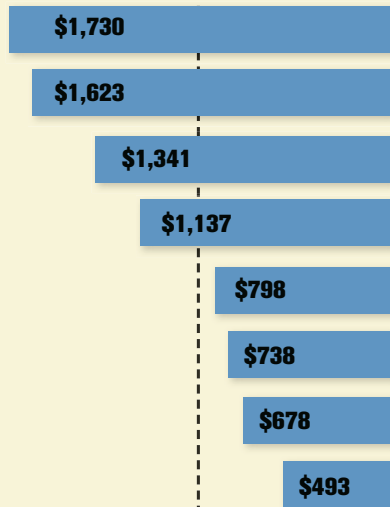
Examples: Mathematician, Astronomer, or Medical Scientist

What is required for a Doctoral Degree?

- The doctorate, or Ph.D., takes at least two full-time years of study, or 30 credits, beyond the master's degree.
- In many cases students need four or five years of study, or 90 credits, after the master's degree.
- Some students earn a master's degree while getting their Ph.D.

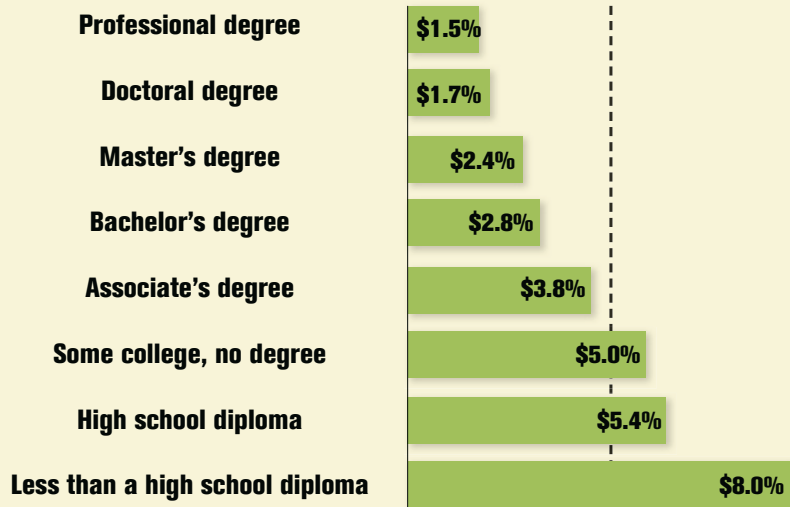
EARNINGS AND UNEMPLOYMENT RATES BY EDUCATIONAL ATTAINMENT, 2015

Median usual weekly earnings



All workers: \$860

Unemployment rate



All workers: 4.3%

Note: Data are for persons ages 25 and over. Earnings are for full-time wage and salary workers.

Source: U.S. Bureau of Labor Statistics, Current Population Survey.



LIVE MORE

UMBC students are smart, creative and serious about their studies. They get one-on-one attention from faculty, and do research alongside professors at the top of their field. But it's not all about academics – UMBC students also know when to play. From athletics to cultural events, there is always something going on. Stay on campus or head out to explore the nearby area. **Be energized. Be curious. Be active.**

UMBC
AN HONORS
UNIVERSITY
IN MARYLAND

LEARN MORE
www.umbc.edu | 1-800-UMBC-4U2

EXCELLENCE & VALUE
US News
TOP 5
School
to Watch
Best
Value
College
The
Princeton
Review

COLLEGE TUITION FOR 2016-17

THE FOLLOWING IS BASED ON FULL-TIME UNDERGRADUATE STUDENTS
(AT LEAST 12 CREDITS) – Maryland Resident – Fall 2016 & Spring 2017

HOUSING IS BASED ON DOUBLE-OCCUPANCY (Mid-Range) and Room Charges ONLY
(Not Room & Board)

PUBLIC COLLEGES

NAME	LOCATION	WEBSITE	# OF UNDERGRADS FOR 2015-16	TUITION & FEES	HOUSING
Bowie State University	Bowie	www.bowiestate.edu	4,315	\$8,383	\$2,560
Coppin State University	Baltimore	www.coppin.edu/	2,684	\$7,438	\$2,850
Frostburg State University	Frostburg	www.frostburg.edu/	4,961	\$8,702	\$10,052
Morgan State University	Baltimore	www.morgan.edu/	7,700	\$7,636	\$3,170
Salisbury University	Salisbury	www.salisbury.edu/	7,849	\$9,364	\$6,552
St. Mary's College of MD	St. Mary's City	www.smcm.edu/	1,879	\$14,192	\$7,184
Towson University	Towson	www.towson.edu/	18,286	\$9,408	\$6,748
University of Baltimore	Baltimore	www.ubalt.edu/index.cfm	6,222	\$8,596	N/A
University of MD – Baltimore County	Catonsville	www.umbc.edu/	1,559	\$11,264	\$9,357
University of MD – College Park	College Park	www.umd.edu/	27,443	\$10,180	\$6,944
University of MD – Eastern Shore	Princess Anne	www.umes.edu/home/	4,222	\$7,804	\$5,144
University of MD – University College	Adelphi	www.umuc.edu/	52,970	\$7,751	N/A

*University of MD Baltimore: A campus of graduate and professional schools

PRIVATE COLLEGES (Four-Year Independent Colleges & Universities)

NAME	LOCATION	WEBSITE	# OF UNDERGRADS FOR 2015-16	TUITION & FEES	HOUSING
Capitol Technology University	Laurel	www.captechu.edu/	417	\$23,508	\$6,964
Goucher College	Towson	www.goucher.edu/	1,480	\$43,416	\$12,300
Hood College	Frederick	www.hood.edu/	1,277	\$36,540	\$6,400
Johns Hopkins University	Baltimore	www.jhu.edu/	12,662	\$44,122- \$50,410	\$14,976
Loyola University, Maryland	Baltimore	www.loyola.edu/	4,084	\$46,430	\$13,870
Maryland Institute College of Art	Baltimore	www.mica.edu/	1,863	\$43,760	\$9,600
McDaniel College	Westminster	www.mcdaniel.edu/	1,669	\$40,580	\$10,500
Mount St. Mary's University	Emmitsburg	www.msmary.edu/	1,689	\$39,700	\$6,280
Notre Dame of Maryland University	Baltimore	www.ndm.edu/	3,000	\$35,019	\$11,446
St. John's College	Annapolis	www.sjc.edu/	450-475	\$49,758	\$11,161- \$11,888
Stevenson University	Stevenson	www.stevenson.edu/	4,185	\$33,168	\$8,718
Washington College	Chestertown	www.washcoll.edu/	1,450	\$43,842 (2015-16)	\$5,498 (Avg.)

COMMUNITY COLLEGES

NAME	LOCATION	WEBSITE	# OF UNDERGRADS FOR 2015-16	COST PER CREDIT HOUR
Allegany College of Maryland	Cumberland	www.allegany.edu/	3,000	\$114 (Fall '15)
Anne Arundel Community College	Arnold	www.aacc.edu/	21,705	\$108
Baltimore City Community College	Baltimore	www.bccc.edu/	4,726	\$96
Carroll Community College	Westminster	www.carrollcc.edu/	4,108	\$132
Cecil College	North East	www.cecil.edu/Pages/default.aspx	2,425	\$107
Chesapeake College	Wye Mills	www.chesapeake.edu/	3,103	\$120 (Summer '16)
College of Southern Maryland	LaPlata, Leonardtown, Prince Frederick	www.csmd.edu/	11,924	\$123
Community College of Baltimore County	Catonsville, Dundalk, Essex	www.ccbcmd.edu/	32,119	\$118
Frederick Community College	Frederick	www.frederick.edu/	6,197	\$144.12
Garrett College	McHenry	www.garrettcollege.edu/	995	\$103
Hagerstown Community College	Hagerstown	www.hagerstowncc.edu/	6,000+	\$117
Harford Community College	Bel Air	www.harford.edu/	9,189	\$124
Howard Community College	Columbia	www.howardcc.edu/	14,604	\$134
Montgomery College	Germantown, Rockville, Silver Spring	www.montgomerycollege.edu/	60,000+ across 3 campuses; 14,367 FTEs	\$122
Prince George's Community College	Largo	www.pgcc.edu/	21,028	\$105
Wor-Wic Community College	Salisbury	www.worwic.edu/	6,340	\$103



Yes, you can afford to go to college

In 2014-15, about two-thirds of full-time students paid for college with the help of financial aid in the form of grants and scholarships. **Approximately 57 percent of financial aid dollars awarded to undergraduates was in the form of grants, and 34 percent took the form of federal loans.** Despite all the news stories about rising college prices, a college education is more affordable than most people believe. There are many colleges that provide an excellent educational experience at a price you can manage. (Source: www.bigfuture.collegeboard.org)

MARCUS USED TO STAY LATE AT SCHOOL TO WORK ON HIS HISTORY REPORT.

 NOW HE DOES HIS RESEARCH FROM HIS BEDROOM.

LEARN MORE. DO MORE. SHARE MORE.

Internet EssentialsSM from Comcast brings affordable, high-speed Internet to your home and greater access to what's important to you. You may qualify if you have at least one child who is eligible for the National School Lunch Program or if you receive HUD housing assistance.

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PAYING

THE BASICS

It is possible for *everyone* to go to college. There are many ways to pay for school and to get help paying for it. There are four main types of financial aid students can get:

Grants usually help offset the rising costs of college for families in need of financial assistance.

Scholarships generally are given to recognize a student's academic success, athletic skill or other talent. Scholarships may come with conditions, such as maintaining a certain major or GPA. Grants and scholarships typically do not need to be repaid.

Student loans must be repaid, some with interest, after the student graduates or stops going to school. Parents also may take out loans for their children's education.

Work study is a federal aid program run by colleges that allows students to work to earn money to help pay for school.



SOURCES AND TYPES OF AID INCLUDE:

Federal Aid: Pell Grant, Supplemental Educational Opportunity Grant, Work Study, Direct Family Educational Loan Program, Perkins Loan and TEACH Grant.

State aid: Howard P. Rawlings Program of Educational Excellence Guaranteed Access and Educational Assistance Grants, Legislative Scholarships, Unique Population programs, and others.

Colleges and universities: Schools have a variety of aid that includes grants, scholarships, employment and loans.

Private organizations: Many clubs, professional organizations and community groups provide scholarships.

Employers: Many employers also offer tuition assistance for children of employees or tuition reimbursement for employees.

WHAT DO I DO NOW TO PREPARE?

Consider your goals and what education you need to reach them.

- View the Maryland Higher Education Commission's "**College 411**: Student Guide to Higher Education and Financial Aid in Maryland" at www.mhec.state.md.us under the **Preparing for College** section.
- Enroll in high level courses while in high school. College isn't easy. The more you learn in high school, the better you will do in college, and the more college options you will have. Develop good study habits. They'll help you now and later.
- Take Advanced Placement (AP) or International Baccalaureate (IB) classes during high school. Earn college credits now!
- Get involved in school and volunteer activities. Many scholarship programs, especially private scholarships, look for these activities when selecting students for scholarships. Many clubs and other groups (Girl/Boy Scouts, honor societies, etc.) offer scholarships, some of which you can win before your senior year of high school.



WHAT IS FAFSA?

FAFSA stands for Free Application for Federal Student Aid. The data on your FAFSA is used to determine if you are eligible for financial aid from federal and state aid programs and financial aid programs offered by colleges and universities. There is no charge to file the FAFSA so **PLEASE** do not pay for assistance in completing the FAFSA. If you cannot file an electronic FAFSA or need help in completing the form, contact your high school Guidance Office and/or college Financial Aid Office.

WHEN AND HOW DO I FILE THE FAFSA?

Students will be able to submit a FAFSA as early as October 1st of their senior rather than starting on January 1st. The state filing deadline is March 1st. This will ensure you are considered for most types of financial aid. To file online go to <http://www.fafsa.gov/>.

Students will use earlier income information starting with the 2017-18 FAFSA. For example, beginning in 2017-18, students will be required to report their 2015 income information, rather than their 2016 information.

OR COLLEGE

10 TIPS

FOR PAYING FOR COLLEGE

1. Start saving for college early.
2. Work with high school counselors to find scholarships or search the internet on your own.
3. Make sure you know, and meet, deadlines for financial aid.
4. Earn college credit in high school by taking AP or concurrent enrollment classes.
5. Lessen costs by starting at a nearby community college and living at home.
6. Earn your degree faster by taking summer courses.
7. Save money by taking more classes - at some colleges you can take 15 credit-hours at the same cost as the more typical 12 credit-hours.
8. Get a part-time job on or off campus.
9. Many community groups and often your parents' company have scholarships available. But it's up to you to find these sources of money.
10. If you have a scholarship, don't blow it by getting bad grades or acting up.



GOOD WEB SITES TO CHECK OUT:

www.mhec.state.md.us
www.waytogomaryland.org
www.fafsa.ed.gov
www.fastweb.com
www.finaid.org
www.studentaid.ed.gov
<https://collegescorecard.ed.gov/>
www.collegeboard.com
www.collegeanswer.com
www.petersons.com
www.easfaa.org
www.supercollege.com
www.mdgo4it.org

HOW MUCH DOES COLLEGE COST?

College is more than just tuition and fees – so **start saving now**. Other things you may need to pay for include:

- Food and housing
- Health insurance
- Lab fees for certain courses
- Transportation expenses to go home on weekends or holidays or to commute to campus
- Books and other supplies like notebooks, folders, computers, calculators, etc.
 - Other personal expenses such as laundry, groceries, entertainment, etc.



MORE ON SCHOLARSHIPS

There are literally hundreds of thousands of scholarships available. There is more than \$100 million of scholarship money available from the state of Maryland alone. Other scholarships are offered by individuals, corporations and foundations and can be searched for on the Internet or researched in your school's guidance office or college center.

Many scholarships require you to write an essay and/or submit letters of recommendation. There are scholarships out there for everyone, including specific awards for:

- People who are the first in their family to go to college
- Women
- Men
- Ninth, 10th, 11th or 12th-graders
- People with specific ethnic backgrounds
- People going into specific areas of study
- People with volunteer experience
- People with disabilities
- People involved in clubs
- People with special talents
- People whose parents hold certain jobs
- People whose parents are in the military
- Short people
- Tall people
- Left-handed people

**CHECK OUT
PAGES 16 & 17
TO LEARN WHAT
IT COSTS TO GO
TO SCHOOL IN
MARYLAND!**

WHAT TO SEE, DO AND ASK

Check the boxes and fill in your answers as you explore a campus.

DATE VISITED _____

After visiting a few schools, your recollections may start to blur. Be sure to take photos and notes to help you remember the different experiences.

After visiting a few schools, your recollections may start to blur. Be sure to take photos and notes to help you remember the different experiences.



WHAT TO SEE:

How far is the walk to class?

Are the dorms co-ed? ☐ Y ☐ N

Do they have study areas? ☐ Y ☐ N

Is there a laundry room for students? ☐ Y ☐ N

Do they carry everything you will need for class or will you have to leave campus for necessities? ☐ Y ☐ N

Is there a variety of food? ☐ Y ☐ N

What are the food plan options? _____

Try the food if you can.

Is it good?? ☐ Y ☐ N

Is there computer access

for student use? ☐ Y ☐ N

What are their hours?

- ❑ Take a peek at the arena while on campus. You may even be able to attend a game or concert.

- ☐ Interview with an admissions officer.
- ☐ Get information about financial aid and work opportunities on campus.
- ☐ Take a tour with a student guide. Ask students questions about their experiences. Why did they choose this college? What is their major? What do they do for fun?
- ☐ Read the student newspaper or blog. What is happening on campus?
- ☐ Venture off-campus.
 - Is it a safe area?
☐ Y ☐ N
 - Are there things to do/visit?
☐ Y ☐ N
 - Could you find an off campus job?
☐ Y ☐ N
 - Is public transportation available
☐ Y ☐ N

What courses of study/majors does the college offer/specialize in?

What kinds of transition support services do they offer freshmen?

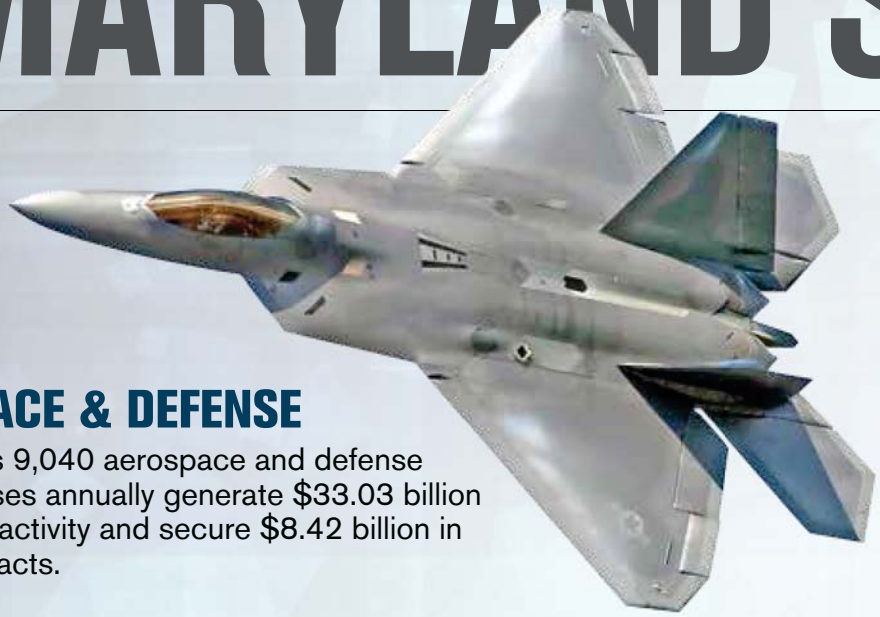
How do you get help when you need it? _____

What's the student-teacher ratio? _____

Choosing a college is a big decision. Make sure you're choosing the right one for you. Was there anything that you particularly liked or disliked about the college? Be sure to note it here so you don't forget.

[illegible]

MARYLAND'S HIGH



AEROSPACE & DEFENSE

Maryland's 9,040 aerospace and defense businesses annually generate \$33.03 billion in economic activity and secure \$8.42 billion in federal contracts.

ENERGY & SUSTAINABILITY

Maryland's research-driven and innovative spirit, combined with strong goals, a multi-modal location, and key investments in the energy sector, make it a prime location for companies offering energy and sustainability products, services or initiatives.



BIOHEALTH & LIFE SCIENCES

Maryland leads the world in adult stem cell production and vaccine development, and represents one of the largest life sciences clusters in the U.S. with 500+ biotech firms, 2,200 life sciences companies, the NIH, the FDA, Johns Hopkins University, the University of Maryland, and plenty of funding and guidance resources



TOTAL EMPLOYMENT BY FIELD

144,120	41,560	36,990	137,910	410,219	59,560	2,596,630
Aerospace and Defense	Biohealth & Life Sciences	Energy & Sustainability	IT & Cybersecurity	Military & Federal Innovation	Advanced Manufacturing	Total employment

H-DEMAND JOBS



ADVANCED MANUFACTURING

Sixty percent of Maryland's manufacturers are advanced – producing high-mix, low volume, high technology products. Using advanced materials, processes and machinery, companies develop heavily engineered, customized products such as sensors, unmanned and autonomous systems, medical devices, electronics and capital equipment.

MILITARY & FEDERAL INNOVATION

Maryland is a vanguard that helps keep the United States, and the global community, safe and thriving. Our workforce has expertise in combating bio terrorism, developing innovative weapons and defense gear, aiding the nation's healthcare system, safeguarding food and medicine, advancing aerospace and tracking the ever-changing patterns of climate change, among many others.



IT & CYBERSECURITY

A hotbed of software services, electronics, telecommunications firms, and a critical mass of cybersecurity organizations converge in Maryland. The U.S. Cyber Command, NIST's National Cybersecurity Center of Excellence, Lockheed Martin's NexGen Cyber & Innovation Center, 11,480 information technology businesses, 17 NSA certified CAE's and a workforce of nearly 138,000 industry-related workers are all in arm's reach of each other.



Be what you want to be in Baltimore County.



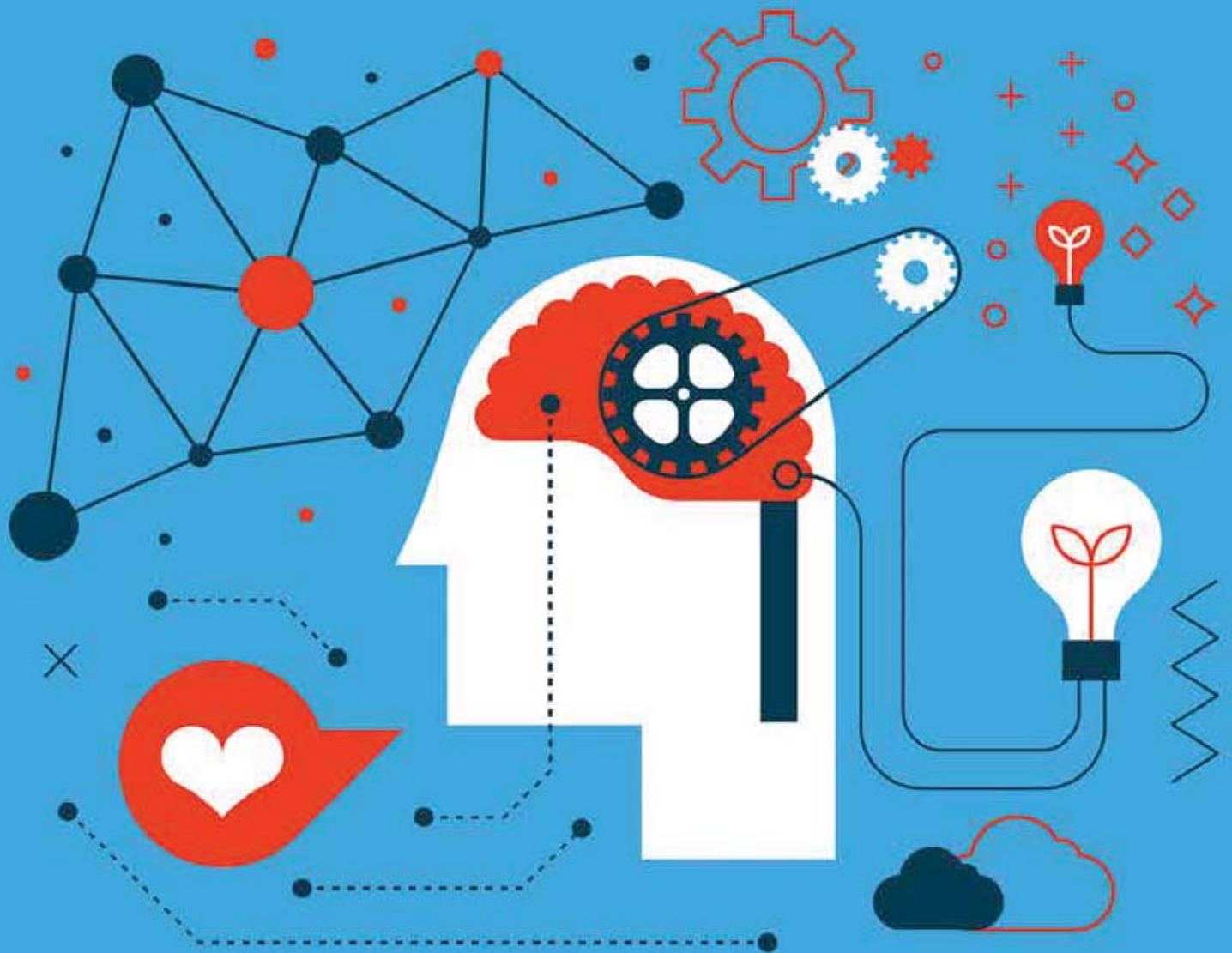
CONNECT:



Baltimore County Department of Economic and Workforce Development
BaltimoreCountyBusiness.com

Baltimore County Executive Kevin Kamenetz
and the Baltimore County Council

UNDERSTANDING SCIENCE, TECHNOLOGY, ENGINEERING, AND MATH **[STEM]** SKILLS



Think about key skills needed in today's workplace: Problem solving, analytical thinking, and the ability to work independently. What do they all have in common?

They're all skills of a STEM proficient student.



SCIENCE



TECHNOLOGY



ENGINEERING



MATHEMATICS



STEM

STEM ON THE JOB

Most employers want workers who are able to reason and solve problems using some math, science, or technology knowledge. Key STEM skills include:

- Analytical skills to research a topic, develop a project plan and timeline, and draw conclusions from research results.
- Science skills to break down a complex scientific system into smaller parts, recognize cause and effect relationships, and defend opinions using facts.
- Mathematic skills for calculations and measurements.
- Attention to detail to follow a standard blueprint, record data accurately, or write instructions.
- Technical skills to troubleshoot the source of a problem, repair a machine or debug an operating system, and computer capabilities to stay current on appropriate software and equipment.

Think STEM is just for geeks? Not true! Many workers in STEM fields use “soft” skills at work as much as they use math and science. These soft skills include:

- Communication and cooperation skills to listen to customer needs or interact with project partners.
- Creative abilities to solve problems and develop new ideas.
- Leadership skills to lead projects or help customers.
- Organization skills to keep track of lots of different information.

STEM IN SCHOOL

As you begin thinking about possible career options, you'll find that a little STEM knowledge will help you be successful in just about any career. It takes persistence to do college-level work in math, science, and technology, but the rewards can be very high. STEM careers are in demand and tend to pay very well.

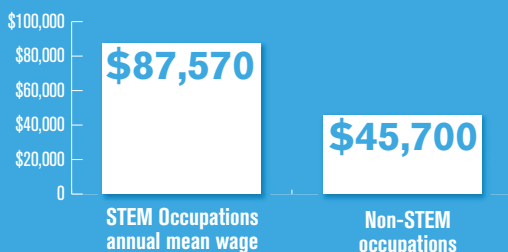
You can gain STEM skills through academic courses, work experience, and even your hobbies.

Here are some of the courses that will give you a good foundation for STEM skills:

- | | | |
|--------------|-----------------------|-------------------------|
| ▪ Algebra | ▪ Physics | ▪ Calculus |
| ▪ Statistics | ▪ Pre-Engineering | ▪ Economics |
| ▪ Biology | ▪ Chemistry | ▪ Environmental science |
| ▪ Geography | ▪ Computer technology | ▪ Political science |
| ▪ Geometry | | |

**8.6
million**

U.S. STEM jobs
(6.2% of total
U.S. employment)

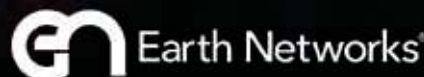


Source: <https://www.careerwise.mnscu.edu/careers/stemskills.html>, <http://www.bls.gov/news.release/pdf/ocwage.pdf>



Future Forecast

Your future looks bright,
with continued opportunities
powered by your education,
dedication and hard work.



RESUMÉS THAT

TIPS TO GET YOU THAT ALL-IMPORTANT INTERVIEW

Most high school students don't have much work experience. Employers expect that. Still, they want to know what makes you stand out. Nothing reflects your skills and achievements better than your transcript or a great resumé.



► List can include awards, honors or other special classes or vocational programs. Tip: List your sculpture class if you're applying for an internship at a museum.

► Is your email address something like troublemaker@gmail.com? Doesn't sound too professional, does it? Make a new one for job searching using just your name or initials.

► If your school gives your grades as a percentage, write "Avg: 87.3%." If your grades aren't so hot, leave them out for now and work on improving them.

► Key traits and skills that will impress would-be employers: responsibility, organization, dedication, hard work, multi-tasking, leadership, creativity, time management. Think about how you've learned or been able to use these skills or traits and describe the experience.

► How long have you been involved or were you involved? Employers like to see commitment.

► Include things you do at school and in your community, as well as volunteer activities. Write about your role in the activity, what you do/did, what skills you've gained as a result, and any achievements and honors.

Jane Eyre
444 Main Street
Ellicott City, MD 21042
410-555-6789
jane.eyre@gmail.com

EDUCATION

Central High School
Perfect attendance during first semester
Maryland Scholar

GPA: 2.8/4.0

EMPLOYMENT

Ellicott City Community Pool, Lifeguard
16 hours of work every weekend
Trained in CPR and first aid
Maintained pool cleanliness and safety

Summer 2016

ACTIVITIES

J.V. Soccer, Team Captain
Eight hours of practice and two games every week
Led team to 14-2 record
Highest goal percentage on team
Won Spirit Award at end-of-the-year banquet

2014-2016

Helping Hand Nursing Center, Volunteer
Four hours of volunteer work twice a month
Talked to residents, designed activities and assisted nurses
Recruited two more volunteers

2012-2014

SKILLS

Bilingual: Spanish and English
Basic computer skills, including word processing (Microsoft Word) and PowerPoint; excellent knowledge of Internet search engines
Responsibility learned through taking care of two siblings most evenings
Organizational skills learned through balancing school, sports and family obligations
Dedication and hard work proven through athletic success

INTERESTS

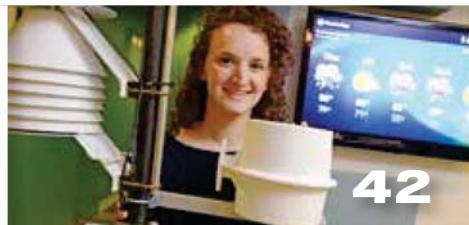
Reading, photography, spending time with family

► This is a good place to list things you do or like, especially if they are related to the kind of job you want. For instance, if you want to be a life guard, mention that you love swimming and exercising.

IN GENERAL ...

- Be sure the information you give is relevant, true and complete.
- Make your resumé easy to read (large enough text) and attractive (consistent formatting and good organization).
- Check your spelling and grammar.

the PROFILES





EDUCATION

HIGH SCHOOL:

East Stroudsburg
High School North,
Pennsylvania

COLLEGE: B.S. in

Electrical Engineering,
Pennsylvania State
University

GRADUATE: M.S.

in Engineering
and Technology
Management,
Louisiana Tech
University

TANISHA W.

Distribution Engineer ▪ Pepco

I WORK IN:
PRINCE GEORGE'S
COUNTY



What do you do at work all day?

It is my job to determine how to feed electric service to newly constructed buildings, hotels, gas stations, soccer stadiums and more. The majority of my day consists of designing, reviewing and approving electrical drawings. These drawings are released to our construction team. The construction team will then build the job I design and/or approve. I also monitor and track the budget for large projects. Any upcoming changes in my project need to be logged into our system. Those changes include requests for money, delays in deadlines, etc. All of these changes may affect the funding of my projects. Some days I have to do feeder ride-outs, which means I drive around and troubleshoot problems with overhead power lines. This is important because there may be equipment – poles, transformers and cables – in the field that is old and needs replacement.

If you weren't in your current profession, what would you be?

I would be a basketball player in the women's league overseas.

What do you do in your free time?

I enjoy gardening and building solar power in my back yard, using a car battery, a fan propeller and a solar panel.

What can students do NOW to begin preparing for a career as an engineer?

The best advice I can give is:

- Stay focused on your school work; especially science and math.
- Complete assignments as soon as they are given to you – try not to fall behind.
- Learn how to network by making friends with goal-driven students in your class.
- Do not be afraid to ask for help!
- Start looking at colleges you may want to attend. Do students get jobs when they graduate from those schools?

As an electrical engineer, there will always be work for us because society depends on electricity.



APPLYING OUR ENERGY FOR A BRIGHTER TOMORROW.

Whether we're providing essential resources or volunteering our time, supporting the communities we serve is a vital part of our everyday work.

We're proud to support the Maryland Business Roundtable for Education's efforts to help shape the leaders of tomorrow, and to have Pepco Holdings President and CEO Dave Velazquez serve as the organization's Chair of the Board.



An Exelon Company



EDUCATION

HIGH SCHOOL:
St. Mark's High
School, Delaware

COLLEGE: B.S.
in Food Science,
University of
Delaware

GRADUATE: M.S.
in Food Science,
University of
Massachusetts

CERTIFICATION:
Culinary Scientist,
Research Chefs
Associates

HIGH SCHOOL ACTIVITIES:
DISC GOLF, BASEBALL, MUSIC

LARRY T.

Food Product Development Scientist
McCormick & Company Inc.

How did you get your job?

I worked at Medford Foods as a Quality Assurance Intern, and was awarded the Food Science Faculty Award from the University of Delaware. A friend and fellow UD graduate was working for McCormick and mentioned that the company was hiring, so I applied.

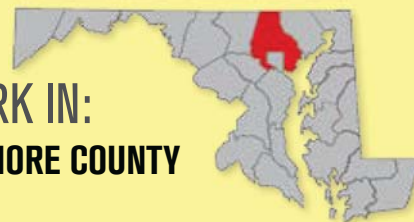
What inspires you to do your job?

As a culinary scientist, I enjoy creating new ideas for products that no one else has thought of. I get to combine science with creativity. The most rewarding part is seeing the products that I have worked on, in stores.

What skills and school subjects do you use at work?

Skills that are important to my work include creativity, written communication, interpersonal skills, cooking and food trend knowledge. Many of these skills I learned through school courses such as:

I WORK IN: BALTIMORE COUNTY



- Algebra: measuring ratios of ingredients to understand how much of the product will fit in the bottles.
- Biology: learning that food ingredients come from living things.
- Chemistry: understanding how different ingredients react with one another.
- Physics: applying the three methods of heat transfer for cooking food.

What is your approximate annual salary range?

It can range anywhere from \$80,000 to \$120,000 a year.



EDUCATION

HIGH SCHOOL:
Baltimore Talent
Development High
School, Maryland

"GET YOUR
EDUCATION.
WHATEVER
YOU START,
FINISH.
DON'T
QUIT."

SAMUEL W.

Quality Assurance
Amazon

I WORK IN:
BALTIMORE CITY



What do you do at work all day?

I work in the Fulfillment Center at Amazon. Each day, I scan bins, count items in the bins and input data.

What inspires you to do your job?

Two things motivate me: 1) making sure my customers are satisfied, and 2) making money.

What perks or other tangible benefits do you get?

Working at Amazon, I get health care benefits, paid time off, Amazon stock units and even help with paying for tuition and fees to help me earn a certificate and associate degree.

What skills do you use at work?

To do a good job at work, I have to be a team player, a reliable worker and committed to my job.

As a differently abled person, what kind of support do you receive for your job?

I am part of the Supported Employment Program at Chimes. Currently I receive drop-in job coaching support. I like to be independent, but drop-in support is there to help me be successful and learn to advocate for myself.

What can students do NOW to begin preparing for your career?

Get your education. Whatever you start, finish. Don't quit.

FAVORITE SCHOOL SUBJECTS:
MATH & SCIENCE

ALEXIS N.

Scientist/Postdoctoral Fellow
Kennedy Krieger Institute and Johns Hopkins

EDUCATION

HIGH SCHOOL:
Spring Grove
Area High School,
Pennsylvania

COLLEGE: B.S. in
Molecular Biology,
Millersville University

GRADUATE: Ph.D.
in Cellular and
Molecular Medicine,
Johns Hopkins
University School of
Medicine

What do you do at work all day?

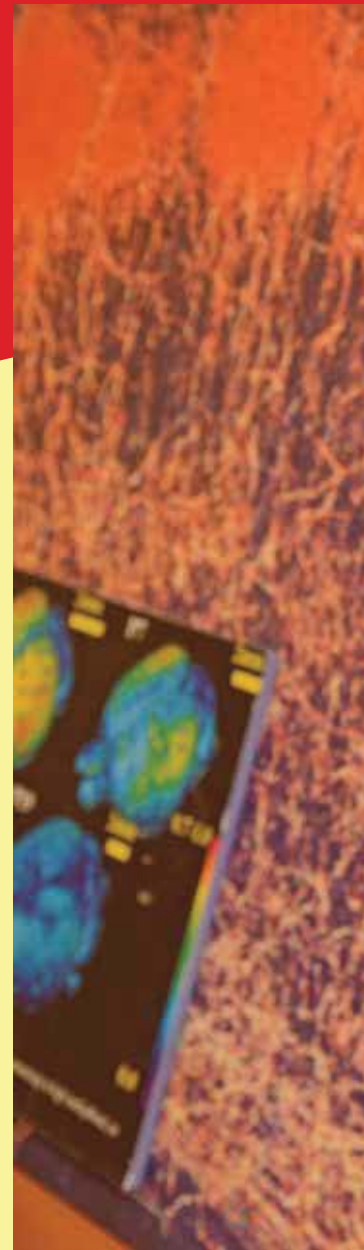
I use computers to analyze big datasets to identify DNA and RNA changes involved in human disease. I use Linux and R computer languages to mine and visualize the data. I strongly encourage every high school student to learn a computer language, since it is an essential skill to many fields (science, finance, statistics, etc.). Swirlstats.com is a free and wonderful resource to learn R and R studio -- which are free and work with both Macs and PCs.

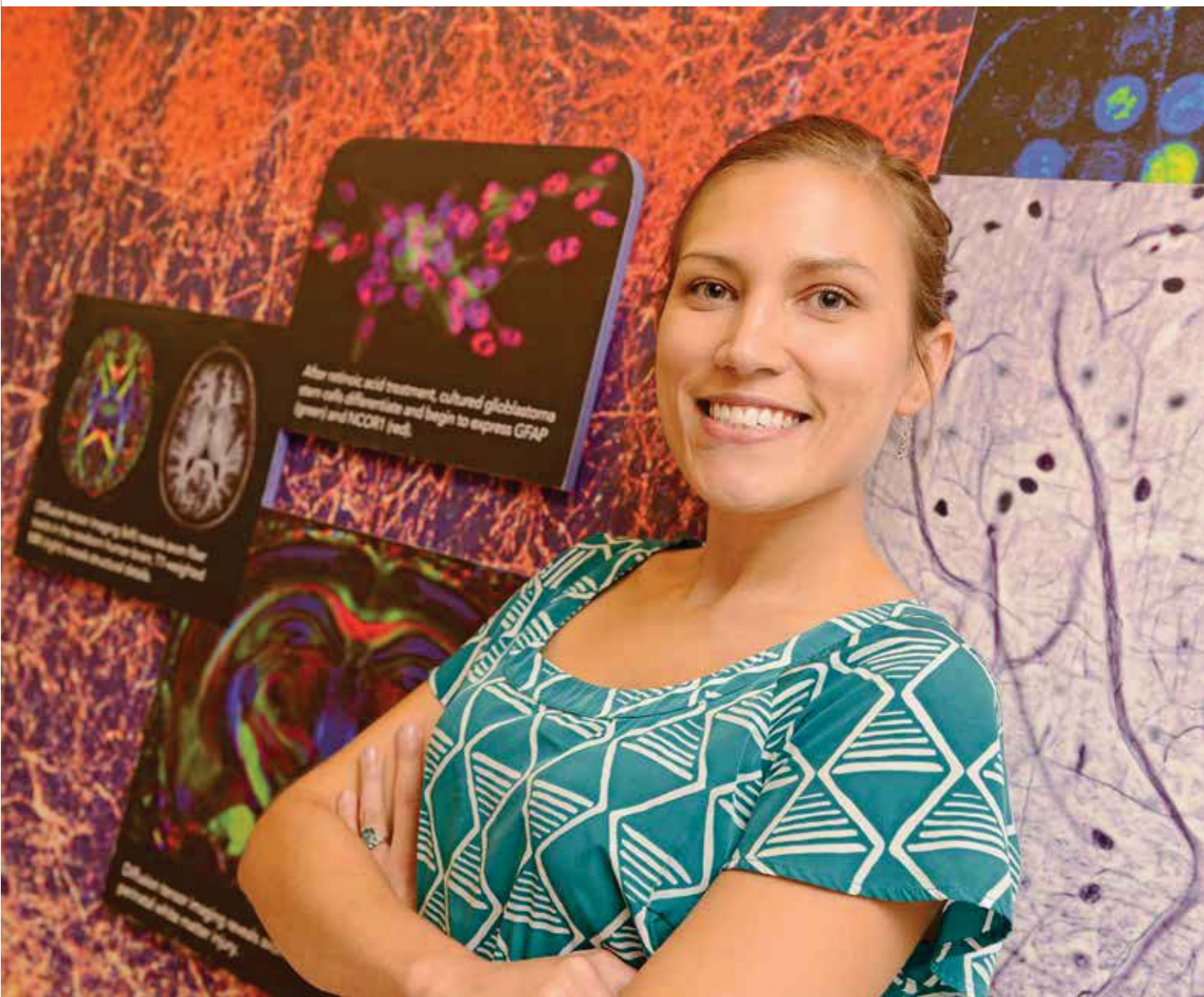
How did you get your job?

I met my current mentor, Dr. Jonathan Pevsner, during my Ph.D. work, when my lab was collaborating with his lab. After I finished my Ph.D., I knew I wanted to pursue a postdoctoral research position that I could further develop my bioinformatics skills. Dr. Pevsner is an expert in the area of bioinformatics and is renowned for his mentorship.

Did you have an internship that helped you get started in your career?

I had an internship with Dr. Richard Bamford at a biotech startup in York, PA. I learned basic lab techniques, but more importantly, I discovered my love for genetics research. Dr. Bamford was instrumental in my decision to pursue a Ph.D. Like many women interested in science, I didn't know my own value and I often felt like an impostor. Dr. Bamford's mentorship instilled a new confidence in my scientific abilities.





What school subjects do you use at work and how do you use them?

Statistics, Biology, and English. Statistics is essential to big data analysis. Biology helps me interpret the results. Grammar and vocabulary skills are important for writing and publishing my results.

What can students do NOW to begin preparing for a career as a scientist?

Go to swirlstats.com now! Seriously. DO IT!



■ CHECK OUT MARYLAND'S
HIGH-DEMAND JOBS
ON PAGES 22-23

HORACIO M.

Electronics Engineer
Naval Air Warfare Center Aircraft Division

EDUCATION

HIGH SCHOOL:
Pemberton
Township High
School,
New Jersey

COLLEGE: B.S.
in Electrical
Engineering,
New Jersey
Institute of
Technology

What do you do at work all day?

I manage and oversee the test and evaluation of weapon systems that the Navy buys to install in airplanes and/or ships. My job is to make sure that weapons we buy safely do what they are designed to do, to let the users know what the weapon systems' limitations are, and to let the program manager know the cost and schedule of doing these things.

What inspires you to do your job?

I pride myself in ensuring that our soldiers receive the best weapons possible in order for them to successfully complete their mission. And because I work for the federal government, I have great job security. I know that I can work here for a long time and provide my family with a good standard of living and provide my kids with a good education.

What is your approximate annual salary range?

I make approximately \$140,000 a year.

What perks or other tangible benefits do you get?

Because I work nine hour days, I get every other Friday off. I also get off on all federal holidays. The greatest benefit is that I get to work on the most sophisticated military aircraft and equipment the world has ever known!

How did you get your job?

I got my job by filling out a government application. It took about six months to finally get the job offer.

What can students do NOW to begin preparing for your career?

Establish good study habits now to prepare for high school and possibly post-secondary school. Also, take the Maryland Scholar courses (found on page 7) which will provide you with the curriculum needed to be more successful, regardless of what your post-high school plans are.





**I WORK IN:
ST. MARY'S
COUNTY**

"TAKE THE MARYLAND
SCHOLAR COURSES...
REGARDLESS OF
WHAT YOUR POST-
HIGH SCHOOL
PLANS ARE."



HIGH SCHOOL ACTIVITIES:
DRAMA, DANCE AND CHEER

TIFFANY C.

Senior Program Analyst
Department of the Army

"TRY TO GET A MENTOR
EARLY ON TO GIVE YOU
ADVICE WHILE YOU ARE
IN SCHOOL."

I WORK IN: HARFORD COUNTY



EDUCATION

HIGH SCHOOL: Central High School, Tennessee

COLLEGE: B.S. in Business Administration, University of Memphis

GRADUATE SCHOOL: M.A. in Human Resources Management, Webster University

Ph.D. in Public Policy and Administration, Walden University

What do you do at work all day?

I direct and manage the budgeting, program analysis and planning for the division I work with. This involves solving problems associated with programming and budgets, as well as implementing solutions to financial problems.

What inspires you to do your job?

I am supporting soldiers. I enjoy working in a rapidly changing environment and the benefits are great.

What skills do you use at work?

Skills that are important to my work include project management, decision-making, critical thinking and financial management.

What can students do NOW to begin preparing for your career?

Volunteer and talk with individuals that are in the field you may be interested in. Try to get a mentor early on to give you advice while you are in school.



EDUCATION

HIGH SCHOOL:
Fort Hill
High School,
Maryland

COLLEGE:
B.S. in Wildlife
and Fisheries
Management,
Frostburg State
University

RANDE B.

Wildlife Biologist ■ Maryland Department of Natural Resources

What do you do at work all day?

My job is wonderful in that my tasks vary with the changes of the seasons – and can vary daily based on the unpredictable nature of working with wildlife. In the spring, I help resolve issues with “nuisance” animals such as hungry bears emerging from hibernation, baby birds falling from nests or even white-tailed deer damaging gardens. The summer is typically survey season, when I collect data to help determine the amount of natural food available to wildlife. Fall is hunting season, so I work closely with hunters who help keep the wildlife populations at healthy levels, and winter is the time of year I enter bear dens to study and monitor bear cub production.

How did you get interested in your career field?

My dad was a scout and got me interested at an

I WORK IN: ALLEGANY COUNTY



early age. Camping and backpacking were a fun way to immerse myself in nature.

What can students do NOW to begin preparing for your career?

Spend time outside, studying and appreciating the natural world. Try hunting and fishing, bird watching and plant identification. Learn about the world around you — who and what lives there — and why.



AMIRA' S.

Linux System Administrator
Lockheed Martin

EDUCATION

HIGH SCHOOL: Western School of Technology and Environmental Science, Maryland

COLLEGE: B.S. in Computer Information Systems, Stevenson University

GRADUATE SCHOOL: M.S. in Computer Forensics, Stevenson University

"BE A SPONGE AND NEVER STOP LEARNING OR GROWING YOUR SKILLS!"



I WORK IN:
BALTIMORE CITY

What did you want to be when you grew up?

I always wanted to be the first African-American and female president when I was younger. But when I got to high school, I had my heart set on computer forensics. I wanted to put together a big picture based on computer data.

What do you do at work all day?

A few activities I do at work include installing software and security patches, troubleshooting computer networking and hardware, managing


lab equipment and creating virtual computers.

What inspires you to do your job?

I like growing my list of technical skills. Learning how to do new things using technology keeps work interesting.

What can students do NOW to begin preparing for your career?

Be a sponge and never stop learning or growing your skills!



A circular frame, resembling a porthole or a large lens, frames three individuals in a high-tech, futuristic laboratory setting. The man in the center, wearing glasses and a dark shirt, holds a transparent, glowing display that shows a complex, blue, swirling molecular or data structure. He is pointing at it with his right hand. To his left, another man in a light gray shirt looks on with a focused expression. To his right, a woman in a white lab coat also looks at the display. The background is filled with intricate mechanical details, glowing blue lights, and complex wiring, creating a sense of advanced technology and innovation.

WHAT'S IMPOSSIBLE TODAY WON'T BE TOMORROW.

AT LOCKHEED MARTIN,
WE'RE ENGINEERING A BETTER TOMORROW.

Many people wonder "what if?" But at Lockheed Martin, we don't stop there. We obsess. We study. We ponder. We push the state of the art in fields like quantum computing, nanotechnology, material science and countless others. And, as a result, we create innovations that define eras. We don't know what's going to change the world next. But we're probably already working on it.

Learn more at lockheedmartin.com

WILLIAM T.

Geospatial Specialist
Department of Transportation
& Federal Aviation Administration

EDUCATION

HIGH SCHOOL:
South Cobb High
School, Georgia

COLLEGE: B.A. in
Intelligence Studies,
Pennsylvania State
University

"WHATEVER
YOU WANT
TO LEARN IS
AVAILABLE
AT YOUR
FINGERTIPS
WITHOUT
GETTING OUT
OF YOUR CHAIR,
AS LONG AS
YOU HAVE A
COMPUTER IN
FRONT OF YOU."

What do you do at work all day?

As an aeronautical information specialist, I design airspace that airplanes fly through. There are 17 different types of airspace and it requires geospatial mapping and basic programming skills. Because of my professional skills, I was selected to participate in a program for emerging leaders and then was chosen for a special assignment to the Department of Transportation to work with the geospatial information officer on a project of national importance, a type of national database.

What internships have you had, and what skills did you gain from it/them, that you have been able to use in your current career?

I was an apprentice for a geospatial technology program and got to work at NASA Stennis Space Center. That experience was the foundation that my professional career was built. Earlier experiences in high school allowed me to get into the program, and the apprenticeship taught me the skills of my trade. I also served in the U.S. Navy, where I was a meteorologist & oceanographer. I changed my job field to an intelligence specialist to help support my apprenticeship and further my education. I earned my Imagery Analyst and Geospatial Certifications and continue to build my skill set with additional training, education and professional exposure.

What inspires you to do your job?

1. It is of national importance.
2. The public's safety depends on it.
3. I very much like what I do and I feel like I am doing my life's work.



What is your approximate salary range?

I make approximately \$100,000 a year.

What can students do NOW to begin preparing for your career?

You are the luckiest generation in history. Whatever you want to learn is available at your fingertips without getting out of your chair as long as you have a computer in front of you. There are lots of training programs online. I take them regularly. Take some classes in Geographic Information Systems (GIS), learn

**I WORK IN:
MONTGOMERY COUNTY**



Python and R programming, learn statistics and probabilities, as well as data science. Also, explore emerging technologies like nanotechnology, unmanned aerial systems, automated systems, robotics and artificial intelligence.



EDUCATION

HIGH SCHOOL:
Annapolis High School, Maryland

COLLEGE: B.S.
in Electrical Engineering,
Georgia Institute of Technology

I WORK IN: MONTGOMERY COUNTY



EMILY S.

Research and Development Engineer
Earth Networks

What do you do at work all day?

I work on a team that researches new technology. I write a lot of code to look for valuable information in all of the data we have, and create tools to present to the rest of the team for analysis.

What internships have you had, and what skills did you gain from it / them, that you have been able to use in your current career?

I had an engineering internship at Applied Physical Sciences. From that experience, I gained a lot of new programming skills. It was also one of my first opportunities to approach problems without guidance, trusting what I've learned and my own abilities.

What is your approximate annual salary range?

It can range anywhere from \$70,000 to \$80,000 a year.

How did you get your job?

I heard Earth Networks needed another engineer with

some programming background to join the R&D team for a specific project. I sent my resume in and was interviewed by several people, then offered my position.

What school subjects do you use at work and how do you use them?

I use Physics and Math to understand what our technology should do and Computer Science to implement ideas.

What do you do in your free time?

I really like to travel and play tennis.

What can students do NOW to begin preparing for your career?

Focus on understanding the topics taught in Math and Science classes rather than memorizing how to solve homework/test problems. The information will stick with you longer and you will have an easier time applying the concepts later.



EDUCATION

HIGH SCHOOL:
York Country
Day School,
Pennsylvania

COLLEGE:
Pursuing a B.S.
in Information
Systems,
Howard
University

JORDAN Q.

FLITE Intern ▪ AT&T

What do you do at work all day?

I am currently an AT&T FLITE (Future Leaders Internship Experience) intern in the Public Sector Solutions organization, which provides network based IT-solutions to Federal Agencies. That means that I work with the cloud/technology solution department. My days vary greatly, so much so that one day I could be at my computer in Columbia, Maryland, and the next day in Chicago helping one of our installers put in a new Cisco switch. On the days that I am working at my computer, I am creating drawings of server racks or floor plans using Visio, performing database analysis, setting up a new database using Microsoft Access, or logging information from our connections documentation.

If you weren't currently interning at AT&T and pursuing your degree, what would you be?

I most likely would be starting my own clothing company. Technology and fashion are my two main

I WORK IN: HOWARD COUNTY



interests, and I'm passionate about both. My friends and I are starting our own clothing brand and I plan to implement some of the skills I have learned during my internship.

What can students do now to begin preparing for your career?

Be PROACTIVE! There is nothing wrong with making advances toward your future goals. If you know what you want to pursue, make sure that your course choices reflect that — and always give your all!

FAVORITE SCHOOL SUBJECTS:
ENGLISH AND PUBLIC SPEAKING

ALLISON S.

Assistant Marketing Manager
Perdue Foods

EDUCATION

HIGH SCHOOL:
Hopewell Valley
Central High School,
New Jersey

COLLEGE: B.A. in
Communication Arts,
Salisbury University

GRADUATE:
M.B.A. in Business
Administration,
Salisbury University

What did you want to be when you grew up?

When I was a child, there were a variety of things I wanted to be: a teacher, meteorologist, etc. But when I got to high school, I was not sure what I truly wanted to be. I was looking forward to exploring a variety of new classes in college to help me better define my future career.

What do you do at work all day?

As an assistant marketing manager for frozen poultry products, there are various projects that I work on daily, and each day brings new and exciting challenges. One key part of marketing is to promote your product and brand to consumers. I work closely with my team to create and launch various advertisements and coupons that appear digitally, socially and in your Sunday newspapers. My team also carefully evaluates all packaging attributes such as product images, claims, heating instructions, nutrition fact panels and ingredient statements to guarantee all are correct. Packaging design must also be approved by the USDA to ensure accuracy of all claims, nutrition facts panel and ingredient statement. Those are just two of the things I work on.

What perks or tangible benefits do you get from your job?

In addition to great benefits, such as paid time off, retirement plan participation and health insurance, I get to taste and bring home a variety of Perdue products.

How did you get your job?

I went to college at Salisbury University, which is in the same town as Perdue's corporate headquarters. From my experience living in the area, I knew Perdue had a great reputation and would be a terrific company





to work for. Therefore, when I was applying for jobs, I continually checked the job openings on Perdue.com, and connected with the company via LinkedIn.

What can students do NOW to begin preparing for a career in marketing?

1. Take leadership roles when possible. Being able to lead and manage projects will be important. 2. Practice writing and public speaking. Being able to write clearly, precisely and professionally as well as speak well in public is important in any business setting. 3. Take business/marketing classes or join

clubs (extracurricular) if they are offered. Learning basic business skills and getting exposure to business settings will help prepare you for the future and help you determine what aspects of business/marketing you like best. 4. Take advantage of computer classes in school. Microsoft Office is commonly used, and knowing how to effectively create Word and Excel documents, as well as PowerPoint presentations will be beneficial.

I WORK IN:



WICOMICO COUNTY



"HAVE FUN AND ENJOY YOUR TIME AS A KID. IT'S IMPORTANT TO LEARN THE FUNDAMENTALS AS A BASEBALL PLAYER, BUT ENJOY THE GAME."

MYCHAL G.

Baltimore Orioles Pitcher

6 TIPS FROM #60

#1. Find Mentors.

I grew up in Tampa, Florida, which has a good reputation for baseball because of guys like Tino Martinez, Luis Gonzalez, Gary Sheffield and Dwight Gooden. They really inspired me in my own career.

#2. Be a strong player on a strong team.

I always dreamed of being a ball player. I started playing baseball at the age of three because my grandfather was really into it. In sixth grade, I played on a team that went to, and won, the Pony League World Series. I played on that team from sixth through eighth grades.

#3. Be flexible.

I played everywhere on the field when I first started playing. Later, I was a catcher, pitcher and an outfielder.

#4. Be persistent.

In my first year in the minor leagues, I broke my hand and had to have surgery on my thumb. After that, I started to have trouble at bat. I continued to play for two and a half years as an infielder, but my hand injury made batting difficult. In 2013, I became a pitcher, and in 2015, I came up to the big league as a pitcher.

#5. Be a kid.

Have fun and enjoy your time as a kid. It's important to learn the fundamentals as a baseball player, but

I WORK IN:
BALTIMORE CITY



enjoy the game. Even now, on the days that I don't have a game, I relax my body and get my mind off baseball. I spend time with my family and watch movies.

#6. Know your end game.

I committed to Oklahoma State University, but got drafted by the Orioles. When I leave major league baseball, I plan to pursue the business degree I didn't get. In the off season, I coach in Tampa. My players are ages 11 to 14. That's something I'm going to do, too, after baseball. I am lucky and fortunate to be around big league talent and I want to stay connected to the game with coaching.



Probability of Competing BEYOND HIGH SCHOOL

	NCAA Participants	Approx. # Draft Eligible	# Draft Picks	# NCAA Drafted	% NCAA to Major Pro
Football	72,788	16,175	256	256	1.6%
M Basketball	18,697	4,155	60	46	1.1%
W Basketball	16,589	3,686	36	33	0.9%
Baseball	34,198	7,600	1,215	738	9.7%
M Ice Hockey	4,071	905	210	60	6.6%
M Soccer	24,477	5,439	75	75	1.4%



Many grow up dreaming of playing sports in college and professionally. But of the nearly 8 million students currently participating in high school athletics in the United States, only 480,000 of them will compete at NCAA schools. And of that group, only a fraction will realize their goal of becoming a professional athlete.

For the rest, the experiences of college athletics and the life lessons they learn along the way will help them as they pursue careers in other fields. Education is a vital part of the college athletics experience, and student-athletes treat it that way. Overall, student-athletes graduate at higher rates than their peers in the student body, and those rates rise each year.

The chart above shows the probability of competing in athletics beyond high school – both college and professionally. The percentages are based on estimated data.

T.Rowe Price



EDUCATION

HIGH SCHOOL:
Sherwood
High School,
Maryland

COLLEGE: B.A.
in Economics,
University of
Maryland,
Baltimore
County (UMBC)

BRADLEE K.

Associate Analyst ■ T. Rowe Price



I WORK IN:
BALTIMORE CITY

What summer jobs have you had?

I have worked as a camp counselor at the Handles Sports Basketball Camp, and have also served as a summer Resident Assistant (R.A.) at UMBC.

What skills did you gain from them that you were able to use later in life?

The major skills I learned while being a camp counselor involved being able to work well with others, as well as the ability to improvise when certain plans needed to be adjusted.

What internships have you had?

I am currently interning at T. Rowe Price in the U.S. Equity Research group.

What skills have you gained that you are able to use in your future career?

I learned the process that top professionals use when deciding what stocks will make the best investment and grow investors' money over a long period of time.

What do you do at work all day?

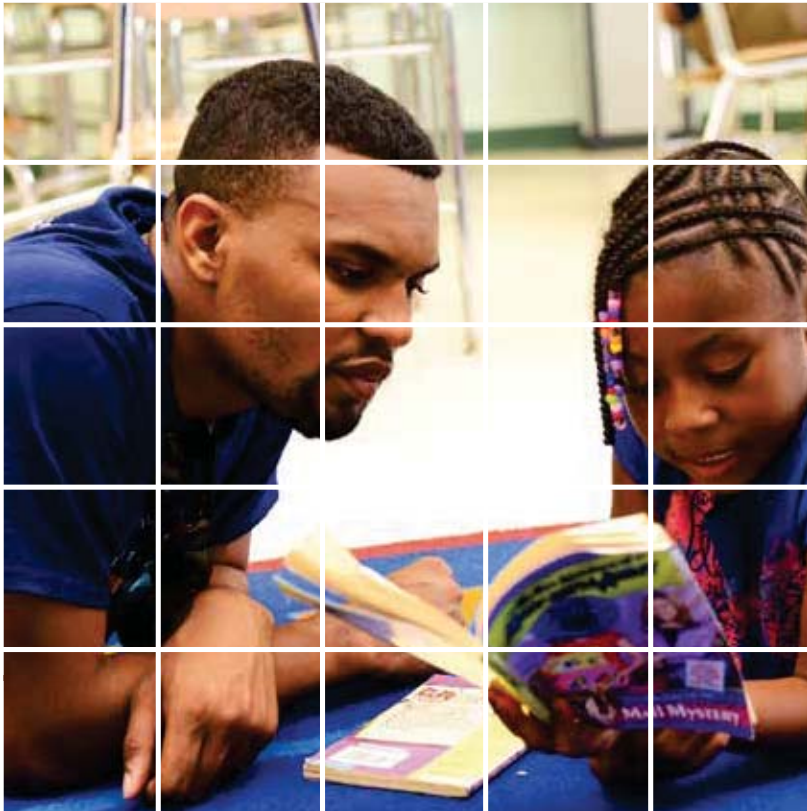
I try and find companies in the stock market that I believe to be in a position to make more money in the future than they earn currently. When I find a company like this, we buy shares of that company for investors, which will allow investors the opportunity to share in that company's success in the future. I have to do a lot of research on the companies, so I often talk to management teams, industry experts, and make financial models.

What inspires you to do your job?

The main inspiration for my job is being able to help every day, working class people retire comfortably by investing the money that they worked hard for.

What can students do NOW to begin preparing for your career?

The number one thing you can do to prepare for my field is to make sure that your grades are excellent. Finance is the type of field that just looks for smart people and hard workers.



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ROUNDTABLE FOR EDUCATION**

Long-term growth.

INVESTING IN YOUNG PEOPLE PAYS OFF.

Fostering educational excellence is one of the wisest investments we can make. That's why we're proud to support the **Maryland Business Roundtable for Education** in its work to help young people learn, lead, and serve in a diverse and changing world.

Learn more about what we're doing in the community.

troweprice.com/responsibility





TERI O.

Certified Public Accountant (CPA) ▪ CBIZ MHM, LLC

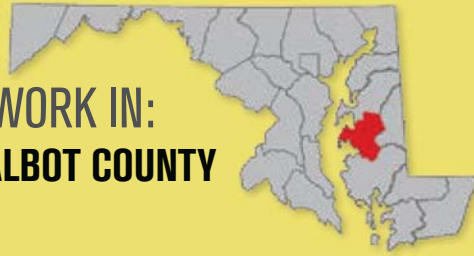
What internship experience did you have?

I interned at CBIZ MHM, LLC, where I currently work. I learned what it was like to be an accountant in public practice. I was so happy that I did the internship, because it really solidified that I was in the right field of study.

What do you do all day?

I am a CPA in a public accounting firm. A large part of my job revolves around client service. Clients call and email each day and I make it a personal goal to have an answer to them within 24 hours. I focus on two main

**I WORK IN:
TALBOT COUNTY**



**"HONE YOUR
READING AND
COMPREHENSION
SKILLS."**

EDUCATION

HIGH SCHOOL: Colonel Richardson High School, Maryland

COLLEGE: B.A. in Accounting and Finance, Salisbury University

GRADUATE: M.S. in Taxation, University of Baltimore

areas of accounting, tax and attestation. I provide tax advice, tax preparation services, and tax planning and consultation to individuals and businesses. The attestation work that I do is mostly compilations, reviews and audits of government and nonprofit entities. Another large part of my job is training our associates and senior associates in everything from client service and business development to technical issues related to tax and attestation.

What school subjects do you use at work? How do you use them?

English, Algebra, Accounting. I use the skills I learned in English class every day. A lot of my job is reading and comprehending complicated tax code and accounting standards. I then have to turn that information into information that can be easily understood by the general public. There is a misconception that because I am an accountant I do math all day, every day. In reality math is not nearly as prevalent in my job as English, and the math that I do is very basic. It normally doesn't get much more complicated than the skills that I learned in Algebra. When I was in high school there was a basic accounting course that was offered. This course laid the foundation for my career.

What can students do NOW to begin preparing for your career?

Hone your reading and comprehension skills. In almost any career path these will be crucial. I would also recommend taking a basic Principles of Accounting course. If you understand the concepts taught in that class and like the work, then accounting may be a great career option.

SCHOLARSHIPS / AWARDS RECEIVED:

**GERALD JEFFEIN
SCHOLARSHIP**

**MARYLAND
DELEGATE
SCHOLARSHIP**

**MARYLAND MERIT
SCHOLARSHIP**

**ELIZABETH
CANNON
SCHOLARSHIP**

**PRESIDENT'S
EDUCATION AWARD**

**ROTARY CLUB
SERVICE ABOVE
SELF AWARD**

**SCHOLAR ATHLETE
AWARD**



TERRELL S.

Assistant Band Director ▪ Stevenson University

What did you want to be when you grew up?

Honestly, I wanted to be a psychologist.

What do you do at work each day?

I plan music lessons and events, recruit members for the band, arrange and compose music, and other administrative and clerical duties.



**I WORK IN:
BALTIMORE
COUNTY**



"EVERYTHING
I HAVE DONE
HAS LED ME
TO WHERE
I AM NOW."

EDUCATION

HIGH SCHOOL: Asbury Park High School, New Jersey

COLLEGE: B.S. in Music Education,
Kutztown University of Pennsylvania

GRADUATE: Pursuing an M.S. in Music Education,
University of Maryland College Park

What kind of internships or work experience have you had? What skills did you gain from it / them that you were able to use in your current career?

I was a student teacher and also had experience with high school and college band direction and instruction. Everything I have done has led me to where I am now. My work entails skill sets that I have developed over the years, which includes being an accomplished musician, a detailed and task-oriented administrator, and a positive motivator for my students and colleagues.

What inspires you to do your job?

I love the sound of a great music ensemble. I also enjoy seeing my students having positive experiences as a result of my commitment to the programs I teach.

What can students do NOW to begin preparing for your career?

Practice your instrument! Play piano, get involved in outdoor musical activities that require travel, read a variety of books and be a nice person.

DID YOU KNOW?

**STUDENTS
INVOLVED
IN PUBLIC
SCHOOL
MUSIC
PROGRAMS
SCORED
107 POINTS
HIGHER
ON THE
SAT THAN
STUDENTS
WITH NO PAR-
TICIPATION.**

*(THE COLLEGE
ENTRANCE
EXAMINATION
BOARD)*



EDUCATION

HIGH SCHOOL:
Hammond High
School, Maryland

COLLEGE: B.S.
in Mechanical
Engineering,
University of
Maryland College
Park

GRADUATE:
Pursuing an M.Eng.
in Sustainable
Energy, University
of Maryland
College Park

COLIN W.

Project Engineer ▪ NextGen LED

Which high school activities did you participate in?

I was on the soccer team for four seasons and wrestling team for three seasons. I have played soccer all of my life, so that was a normal transition. As for wrestling, I joined the team with one of my friends. I also joined the National Honor Society as soon as I was able, to help accentuate my academic achievements and supplement my education by assisting volunteer organizations.

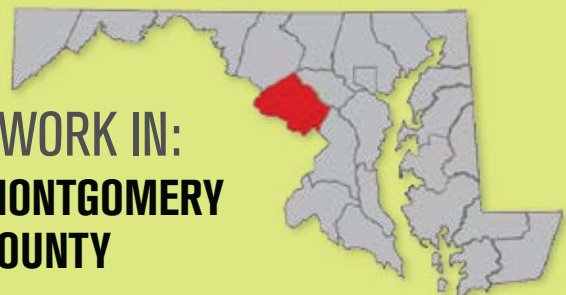
What skills did you gain from them that you were able to use later in life?

I believe that I learned a decent amount of discipline and work ethic from the sport programs I was a part of.

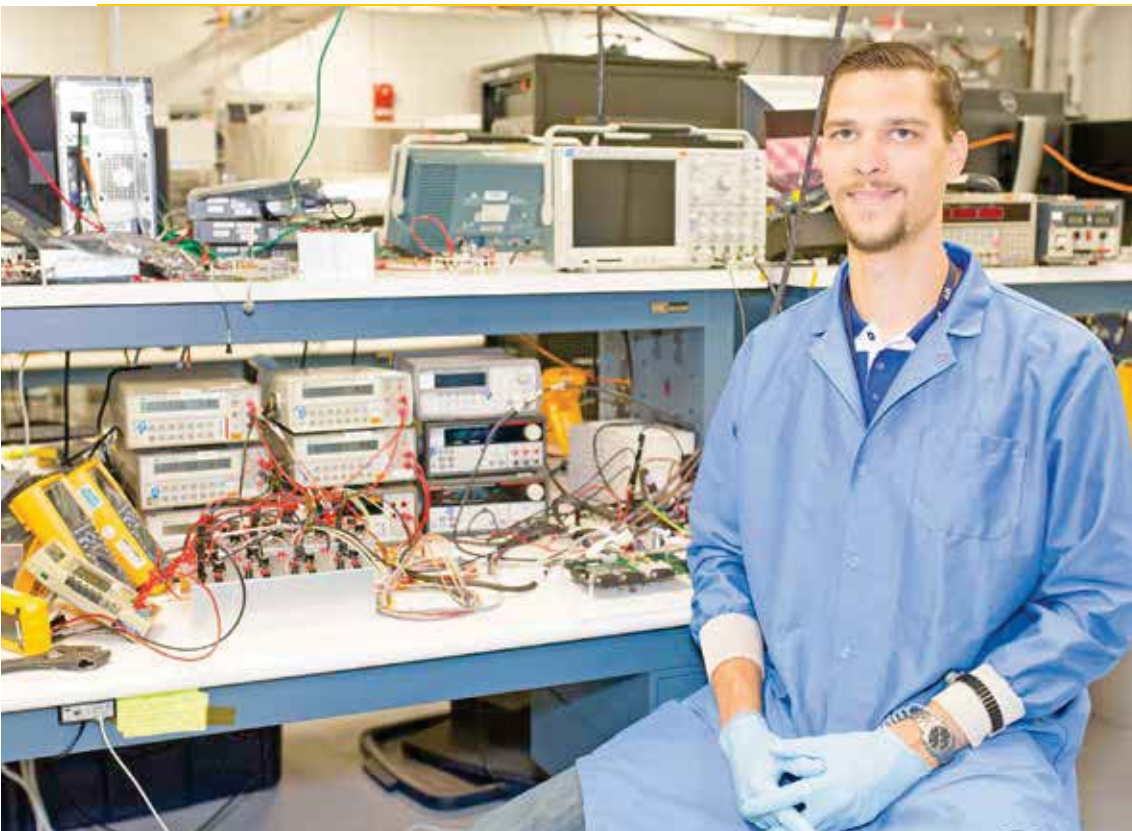
What do you do at work all day?

I perform surveys of commercial facilities to document

I WORK IN: MONTGOMERY COUNTY



their energy usage. The company I work for, NextGen LED, focuses on lighting surveys and replacements at these facilities. After the survey, I put together proposals to upgrade lighting for our customers. Once a project goes forward, I oversee the purchase of products. In addition, I apply for cash incentives from states that prioritize energy efficiency efforts.



EDUCATION

HIGH SCHOOL:
Hammond High
School, Maryland

COLLEGE:
B.S. in Electrical
Engineering,
University of
Maryland College
Park

GRADUATE:
M.S. in Electrical
and Computer
Engineering, Johns
Hopkins University

KYLE W.

Electrical Engineer ▪ Johns Hopkins University Applied Physics Laboratory

What do you do at work all day?

My day at work is quite varied, depending on the type of project and the phase of development. Some days are on the computer most of the day, evaluating requirements, completing simulations and analysis. Others are in the lab, testing hardware, or on the shop floor, investigating a manufacturing issue. Some days I'm working in the space simulation lab, running thermal vacuum testing or vibration testing to ensure the hardware can handle the environment in space and the trip to get there.

If you weren't in your current profession, what would you be?

I would be a teacher.

How did you get your job?

I filled out a form at a UMCP career fair, completed



**I WORK IN:
HOWARD
COUNTY**

an on-campus interview, and then followed up with an interview at APL.

What can students do NOW to begin preparing for your career?

Don't take the things around you for granted. Ask questions about why and how, so that you can learn about and understand the world around you. Be inquisitive.



HOLEATHEIA R.

Forensic Scientist ▪ Maryland State Police

Favorite subjects in school:

I loved history. I sincerely believe in knowing where you are going by studying where you came from. Organic Chemistry was cool because I learned that despite the differences in substances, the building blocks are generally the same.

Activities in high school:

I participated in badminton. It was the one sport I excelled in.

I WORK IN: BALTIMORE COUNTY



"SOMETIMES YOU HAVE TO START LOWER THAN YOUR EDUCATION LEVEL AND WORK YOUR WAY UP THROUGH THE RANKS."

EDUCATION

HIGH SCHOOL: Western High School, Maryland

COLLEGE: B.S. in Biology, University of Maryland, Baltimore County (UMBC)

What do you do at work all day?

For the most part I examine evidence for trace materials, hairs, fibers, glass, paint chips, etc. These items are not clearly visible with the naked eye, so I look for them under a microscope. Usually questioned items are compared to known items, and an association or elimination is made. I sometimes pre-screen evidence for the state's police biology unit. For example, I determine if hair is human in origin before sending it for DNA analysis. Then there are times when I may be called to court to testify to my findings/conclusions. I not only testify for the prosecution, I can also testify for the defense. I testify according to the results. I let the evidence speak for itself.

What is your approximate annual salary range?

For the Maryland State Police, the salary range for a forensic scientist is \$60,000 to \$97,000.

What perks or other tangible benefits do you get?

Sometimes I attend all-expenses-paid training sessions in different states.

How did you get your job?

I started as a lab technician and worked my way up. Most college graduates want a job that pays a certain amount of money, but sometimes you have to start lower than your education level and work your way up through the ranks.

What can students do NOW to begin preparing for your career?

Public speaking. Get comfortable speaking in front of people, because you will have to when you are testifying. And keep your science textbooks; you will need them later for references.



EDUCATION

HIGH SCHOOL:
Allegany High
School, Maryland

COLLEGE: B.A. in
Government and
Politics, University
of Maryland
College Park

GRADUATE:
Master's in Tech-
nology Entrepre-
neurship, University
of Maryland
College Park

JAKE S.

County Commissioner ▪ Allegany County Government

What do you do at work all day?

It's easiest to think of a county commissioner as a mayor, but of the county. We are in charge of roads, waterlines, economic development, emergency services and building permits. We also play a major role in funding education, building schools and parks, police protection, and community colleges.

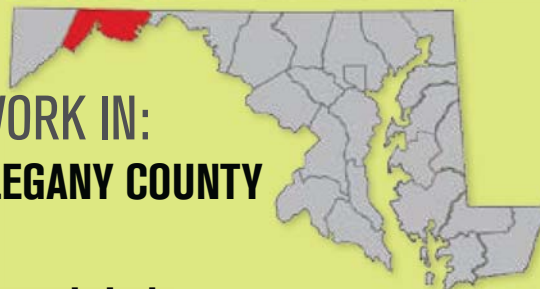
What inspires you to do your job?

I like that my opinion matters; and I get to help our community. I also enjoy seeing the end results of my work, like building a new school.

How did you get your job?

I won it through an election. I had to win the primary election, then I received over 13,000 votes in the general election to become County Commissioner.

**I WORK IN:
ALLEGANY COUNTY**



What can students do NOW to begin preparing for your career?

You can prepare for a career in politics by getting involved in your community, speaking out on issues that matter to you, and introducing yourself to Board of Education members and other local politicians. Also, you should work hard to master the basics of all subjects in school.



EDUCATION

HIGH SCHOOL:
Gilman School,
Maryland

COLLEGE:
B.A. in History of
Science,
Princeton
University

GRADUATE:
Medical Degree,
East Virginia
Medical School

ANDREW W.

Hospital Pediatrician ▪ Peninsula Regional Medical Center



What do you do at work all day?

I take care of children who need to be hospitalized for various illnesses.

What inspires you to do your job?

I like to make people better. I enjoy challenging medical cases. As a father, I commiserate with parents of sick children.

How did you get your job?

By working really hard through high school, college, medical school, and residency

What skills and school subjects do you use at work? And how do you use them?

At work, I must have a keen sense of observation, listening, critical thinking and analysis. School subjects that I find helpful in the workplace include

Biology, Chemistry, Physics, Sociology, Spanish and Mathematics. The sciences help me understand human physiology and pathology, while Sociology helps me connect with families and patients. Spanish comes in handy when speaking to English language learning parents about their child's care. Finally, math is helpful in calculating drug dosage for patients.

Which high school activities did you participate in?

I participated in the Orchestra and Yearbook.

How did you get interested in them?

I have played a number of musical instruments since an early age; my mother encouraged us to develop a passion and love for music.



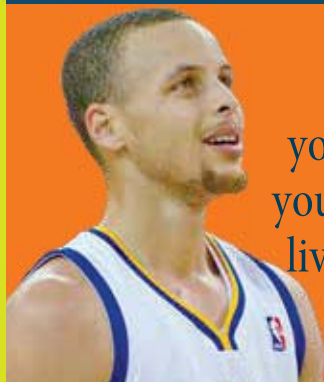
One of the lessons that I grew up with was to always stay true to yourself and never let what somebody else says distract you from your goals. - Michelle Obama

I don't feel guilty about success. You can't feel guilty about aspiring to be good at something.
— Justin Timberlake

Determination. No matter what field you're in, determination will surely get you to the top.
- Zendaya

I'd rather regret the risks that didn't work out than the chances I didn't take at all.

- Simone Biles



Be the best version of yourself in anything that you do. You don't have to live anybody else's story.
— Stephen Curry

Nothing is impossible, the word itself says, 'I'm possible!'
— Audrey Hepburn

I've learned it's important not to limit yourself. You can do whatever you really love to do, no matter what it is.

- Ryan Gosling



“One important key to success is self-confidence. An important key to self-confidence is preparation.
- Arthur Ashe



My goal in life is to enjoy what I do, and never to look back and say I wish I would have done that.
– Mila Kunis

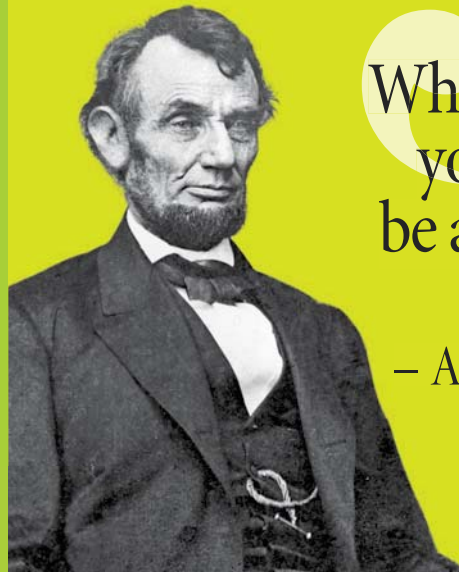
If you can do what you do best and be happy, you are further along in life than most people.

– Leonardo Dicaprio

“Leadership is about making others better as a result of your presence and making sure that impact lasts in your absence.”

– Sheryl Sandberg

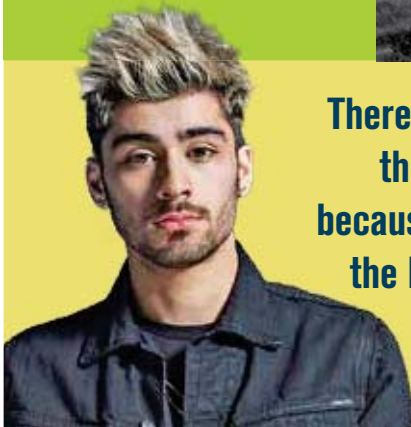
It's much more interesting to embrace who you really are rather than waste energy pretending to be someone else.
– Adam Levine



“Whatever you are, be a good one.”
– Abraham Lincoln




Surround yourself only with people who are going to take you higher.
– Oprah Winfrey



There comes a day when you realize turning the page is the best feeling in the world, because you realize there's so much more to the book than the page you were stuck on.

– Zayn Malik

“There are no regrets in life. Just lessons.”
– Jennifer Aniston



What you do in your four years of high school is important to having a successful future. Even if you do not know what you want to do after high school, taking the **RIGHT COURSES** **NOW** will allow you to follow any path you choose later on.

THREE THINGS YOU CAN DO TODAY:

1. Set goals 

2. TALK TO YOUR COUNSELOR, TEACHERS AND PARENTS ABOUT BEING A MARYLAND SCHOLAR *

3. WORK HARD, HAVE FUN, CREATE YOURSELF! 

"The choices you make now, the people you surround yourself with, they all have the potential to affect your life, even who you are, forever."

- Sarah Dessen, The Truth About Forever

