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**CLEVELAND
STATE
UNIVERSITY**

Spring 2017

**JACK, JOSEPH
AND MORTON
MANDEL
HONORS
COLLEGE
NEWSLETTER**

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TOP TIPS

New to Cleveland State? Have you been at CSU for a while, but are looking for some quick advice? No matter what your standing with CSU is, these tips are for you.

For Engaged Students

by Gabriel Madison

Free Stuff & Big Discounts for Students

There's plenty of free stuff and discounts available online and in-stores just because you're a college student.

- You can get sizable discounts from major business like Microsoft, Apple, and Best Buy. Just search a brand plus student discount to see what they offer.
- Students get five licenses of Microsoft Office through CSU. Just search "Office 365 ProPlus" on CSU's main website (csuohio.edu).
- Use OnTheHub.com and search for "Cleveland State University" to find all the free software you can get for attending CSU.

Free Schooling Through Scholarships

Avoid having to pay back large student loans by applying for scholarships.

- Research the scholarships offered at CSU. Many of them don't require a perfect GPA to be considered for them.
- Don't always aim for the large nationwide scholarships. Look out for smaller scholarships from law firms and other local businesses; they're likely to have a smaller number of applicants, so you can stand out better.
- Apply to scholarships during the summer when you may have more time than in the heat of the semester!
- Check out websites like FastWeb.com, Cappex.com, and MyScholly.com to find a wide variety of scholarships to apply for.

Good Food & Good Places to Study

You need to feed your stomach before you feed your brain.

- Gather some books and hunker down for a couple hours in Viking Marketplace for a wide variety of delicious foods.
- Grab a filling burrito from Pedro's Mexican Grill for \$5 then hit the quiet Law Library right across the street to study.
- Get a healthy salad or sandwich from Café Ah-Roma, then head to the Michael Schwartz library to get some peace and quiet to hit those books.

While these tips are by no means comprehensive, we hope they will provide some motivation to seek out even more tips to help you engage at CSU! ■



Photo: Freemages.com/Tory Byrne

STUDENT SUPPORT at CSU

by Kimberly Schveder

Have you noticed how many student support resources are available on Cleveland State's campus? Here are eight of them:

Math Learning Center

Located in MC 230, the Math Learning Center offers walk-in tutoring to all students enrolled in MTH courses from their experienced peers. Math students receive support and encouragement from tutors to learn and pass required math classes. The center contains several PC computers along with many more resources.

TASC

The Tutoring & Academic Success Center (TASC), located in MC 233, offers free services such as tutoring, supplemental instruction for a variety of courses, structured learning assistance, and success coaching. These services provide peer tutors who teach students to become independent and more effective learners.

Health and Wellness Services

CSU students can see a doctor on campus for free check-ups,

free or low-cost medicines, shots, and immunizations, free health-counseling, and more! The CSU Health & Wellness Services is located in the Center for Innovations in Medical Professions, across from the Student Center on Euclid Avenue in room 2112.

Counseling and Academic Success Clinic

Ever feel stressed and anxious, as if you just need to talk to someone? CSU has assistance for students, for free! The Counseling & Academic Success Clinic gives confidential, supportive counseling and coaching to students of Cleveland State University. Student interns will help you cope with stress from school, home life, or anything else bothering you.

The Marejoyce Green Women's Center

The Marejoyce Green Women's Center (Main Classroom, room

142) is for anyone interested in women's issues, and for anyone who wants to hang out, meet new people, or study. The center extends social support and encouragement to students, such as for those starting school, returning to school, and for student-parents. The Women's Center also has many referrals to on- and off-campus resources.

Lift Up Vikes

Lift Up Vikes, in the Recreation Center, room 168, is sponsored by the Cleveland Food Bank, donations, and grants. All CSU students qualify to get fresh produce, non-perishable food, and personal care items every week. This facility used to be in the Women's Center's facility in the Main Classroom, but they switched in February 2016 to a pantry in the Recreation Center that has storage space and a refrigerator to hold fresh produce, eggs, and dairy products.

The Trio McNair Scholars Program

Dr. Ronald E. McNair was a physicist, one of the first African American NASA astronauts, and was a crew member in the Challenger mission in the 1980s. In the Science and Research Building Room 155, the McNair Scholars Program carries on McNair's legacy, recruiting students from disadvantaged backgrounds (low-income, first generation students and/or racial or ethnic minority

students) who show potential in science, technology, engineering and mathematics (STEM), and helping to prepare them for graduate school. McNair Scholars complete a summer research project, receive material to prepare for the GRE, get opportunities to give talks on their research projects at conferences around the country, and much more.

Trio

CSU is one out of eight schools to get this federally funded student support service. Not to be confused

with the Trio McNair Scholars Program, Trio (located in MC110) aims to support students in all areas of study (not just STEM) by encouraging growth in academics. Trio's aim is to help first-generation, low-income students who need assistance with college coursework and to aid them by providing tutoring, academic advising, and support and motivation to earn a college degree. ■



Spacing Out In Class?

by Lauren Golick

When you find it hard to concentrate in class and your mind starts to wander, have no fear! There are tons of things in Cleveland you can do to bring back your focus to academia (or not - your choice!):

- 1 Show up for a free exercise class at the Cleveland State Rec Center.
- 2 Go see a play at Playhouse Square. CSU often offers discount tickets! Check with the Department of Student Life or the Honors College to see if they have any deals.
- 3 Take a trip down to the Mitchell's Ice Cream on W25th Street.
- 4 Check out the House of Blues schedule and go to an event.
- 5 Visit the Heinen's downtown to go grocery shopping.
- 6 Check out upcoming events at the Wolstein Center, The Q, and Severance Hall.
- 7 Make cute gifts for the awesome people in the Honors office for dealing with my constant pestering.
- 8 If you need help in any of your classes, check out the tutoring schedule for that subject area. CSU offers free math tutoring in the Math Learning Center, free English help in the library, and much more.
- 9 Take a trip to the Natural History Museum or the Art Museum.
- 10 Check out the CSU Campus Activities Board schedule and attend an event. They usually always have free giveaways and prizes for students!
- 11 Join a club at CSU. A complete list can be found on the CSU website. ■



GODSPEED, JOHN GLENN

by George Cain

Who was John H. Glenn, Jr.?

A man of many accomplishments, to say the least. In light of his recent passing, and keeping in line with the outer space theme of this publication, it is fitting to include a list of the highlights and little-known facts about the life of fellow Buckeye, John Glenn:

- July 18, 1921: Born in Cambridge, Ohio
- Had an adopted sister named Jean
- His father John Glenn, Sr. owned the Glenn Publishing Company
- His mother Clara Teresa was a teacher
- December 1941: Quit college to enlist in the U.S. Army Air Corps following Pearl Harbor
- April 6, 1943: Married Anna Castor, his high school sweetheart
- October 1952: Drafted to South Korea as an operations officer of a Marine fighter squadron

- Decorated U.S. Marine Corps aviator; previously served briefly in the U.S. Navy
- Had two children, John and Carolyn, and later two grandchildren
- 1959: Chosen by NASA as a member of the Mercury Seven, the first 7 American astronauts
- Feb. 20, 1962: First American to orbit Earth; completed 3 orbits in the Friendship 7 Capsule
- Glenn didn't hear fellow astronaut Scott Carpenter tell him, "Godspeed, John Glenn" live
- 1975 - 1999: U.S. Senator from Ohio; won and served four terms
- 1976: Considered as an option for Vice President at the Democratic National Convention
- 1978: Received the Congressional Space Medal of Honor
- 1978: Chiefly authored the Nuclear Non-Proliferation Act
- 1979: Opposed the SALT II treaty, expressing doubts about U.S. ability to monitor the Soviet Union and ensure compliance
- 1984: Ran for President but lost to Walter Mondale in the Democratic primaries
- 1990: Inducted into the U.S. Astronaut Hall of Fame
- 1998: Became the oldest person in space as he joined the Discovery space shuttle mission
- March 1, 1999: NASA Lewis Research Center in Cleveland, Ohio renamed after him
- Held a Presbyterian eldership
- 2012: Received the Presidential Medal of Freedom from Barack Obama
- June 2014: Underwent heart valve replacement surgery
- December 8, 2016: Died in Columbus, Ohio
- April 6, 2017: Buried at Arlington National Cemetery on what would have been his 74th anniversary with his now-widowed wife Anna.

Glenn will be thus remembered for many things, and will go down in history as one of the most prominent figures from the great state of Ohio.

Poplar Science

Identifying Trees at CSYew

by Zachary Maria

CSU's campus is diverse in many ways. One that few people may consider is our diversity of foliage. For being in the middle of a city, CSU has a surprising variety of floral life, especially trees. If you are like the normal student, you walk by these trees every day and know nothing about them whatsoever. Well no longer! This article will give you some basic knowledge* about some of the trees on campus so you can impress your friends and peers alike.

Northern Red Oak

(*Quercus rubra*):
The leaves of this tree have seven to eleven lobes with bristly edges and turn red in the fall. The trunk and branches have rough, ridged bark, and the tree grows acorns. Fun fact: Often used as Christmas trees in warmer climates.



Ginkgo Tree

(*Ginkgo biloba*):
This tree is the only living species in the division Ginkgophyta, all others being extinct. They bear a fruit that produces a foul odor. Despite the smell, the fruit is edible and it is eaten in China and Japan. The leaves are easy to identify, being fan-shaped with veins radiating out into the leaf blade. WARNING: Leaf blade is sharp. Fun fact: The smell is intoxicating to certain reptiles, causing them to fall in love with the tree for a short time.



Paper Birch

(*Betula papyrifera*):
Named for the thin white bark which often peels in paper like layers from the trunk. It is extremely afraid of the dark, so at night it is often heard wailing and crying into its branches. It can only be comforted if it is given a large pineapple and cheese pizza from [INSERT PAID ADVERTISEMENT HERE]. Its wood is frequently used as the wood in popsicle sticks. Fun fact: You can save money by peeling the bark off of the tree and using it instead of buying paper. Will save you on average \$80 per semester.



Rough Tree Fern

(*Dicksonia squarrosa*):
This tree was originally from Mars and was brought to the earth by the aliens. They reproduce by miniature cells called spores. This is how the aliens take control; the spores infiltrate our brains and take over the world. Fun fact: NEVER can be potted. Can only be grown in the wild, as they cannot be controlled.



*Note: This article is satirical. Some facts are completely made up. The other facts were taken from <http://www.softschools.com>, <https://www.reference.com>, and *Wikipedia*. I have absolutely no clue if the trees I took pictures of match the trees I identified. In fact, I'm almost positive they don't. For real tree facts, use CSU's online Tree Tour! <https://lucacsu.maps.arcgis.com/apps/MapTour/index.html?appid=9b8f6a7f8f5b40cf8f7205f20141316f> ■



Photo: NASA

Annie Easley: A Cleveland Hidden Figure

by Kimberly Schveder

The stories of some of the major pioneers and innovators, engineers and mathematicians at NASA have finally been told, and many stereotypes of these professions have been broken. Three African American women who were trailblazers at NASA in the Jim Crow South during the 1940s had their stories told on the big-screen in the recent movie *Hidden Figures*, which came out at the beginning of 2017.

According to Julie Collazo, author of “NASA’s Hidden Figures: Women You Need to Know,” the three brilliant women who worked for NASA in this film were Katherine Johnson, Dorothy Vaughan, and Mary Jackson. They helped to do the mathematics and physics to get John Glenn into space to orbit the Earth for the first time.

Although there were many other great Hidden Figures, such as Miriam Daniel Mann, Kathryn Peddrew, Christine Darden, and Mary Jackson, Annie Easley is Cleveland State University’s own notable Hidden Figure and alumnus (Collazo).

According to Sandra Johnson, who interviewed Annie Easley at

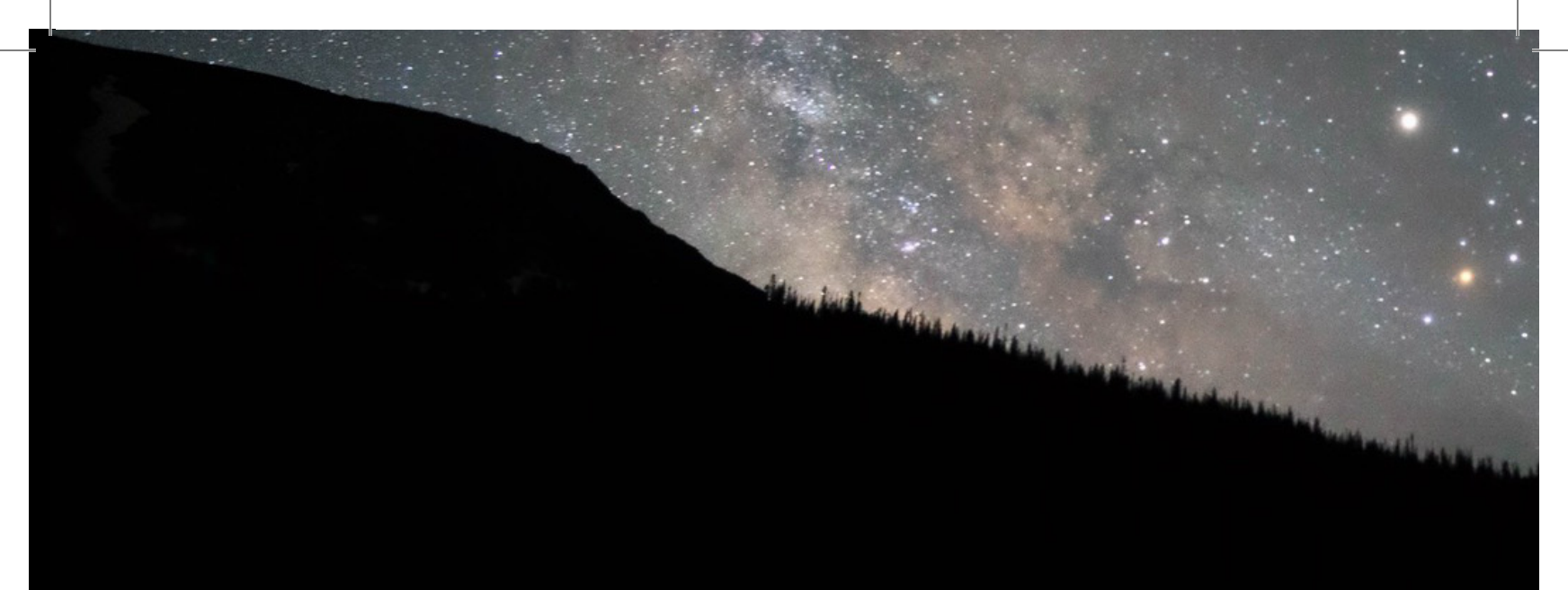
NASA, she originally started out as a pharmacy major, but came to Cleveland after a couple of years of college. After getting married, and because there was no local pharmacy school in Cleveland, OH at the time, she searched for new jobs and eventually got hired at NACA (later named NASA) as a human computer. This career switch affected Easley’s life greatly: “That kind of changed my life’s goals, because as I continued as a computer, the kind of work that we did, we were called computers until we started to get the machines, and then we were changed over to either math technicians or mathematicians” (Johnson).

Throughout her new career path, she faced discrimination at work. With the Civil Rights Movement happening at the time, being an African American woman in any field in STEM was a challenge. When she faced discrimination, Easley brushed it off with confidence. According to Anne Mills, author of “Annie Easley, Computer Scientist,” Easley said, “My head is not in the sand. But my thing is, if I can’t work with you, I will work around you. I was not about to be [so] discouraged that I’d walk away. That

may be a solution for some people, but it’s not mine.” Her confidence, ambition, and passion helped her to get through the boundaries and become a pioneer in her field.

She moved on to be a groundbreaking computer scientist when human computers got replaced with the first machine computers at NASA. As Mills states, “She developed and implemented code used in researching energy-conversion systems, analyzing alternative power technology—including the battery technology that was used for early hybrid vehicles, as well as for the Centaur upper-stage rocket.” Her code was later used in satellites for the military, weather reports, and basic communication (Collazo).

After several years in her new career, Easley decided to go back to school to pursue a degree in mathematics. She started to take classes at a community college, then transferred to Cleveland State University (Johnson). She had to pay for her own education in order to gain more qualifications and to be taken seriously as a professional at work. Mills notes that, Easley worked,



went to school full-time, tutored, told other students about working at NASA, and inspired other minorities to go into STEM fields. Additionally, later in her career at NASA, she became the equal employment opportunity (EEO) counselor (Mills). Thus, after she earned her degree, Easley continued to be a leader and pioneer in her field and profession at the NASA Glenn Research Center at Lewis Field in Cleveland, Ohio. ■

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Great American Solar Eclipse

by George Cain

Mark your calendars for Monday, August 21, 2017, because a total solar eclipse will pass over the continental United States for the first time in 99 years! The path of eclipse totality will run from Oregon at 1:15 p.m. EDT to South Carolina at 2:49 p.m., passing also over the states of ID, MT, WY, NE, KS, IA, MO, IL, KY, TN, NC and GA. Totality will not be visible from Ohio, but the greatest eclipse seen from Cleveland will occur around 2:26 p.m. EDT.

A word of precaution: never look at a solar eclipse without wearing special eclipse glasses; otherwise it could cause permanent eye damage. So place your orders and make sure you're free that afternoon! And if you miss this eclipse, there will be another one passing almost directly over Cleveland, Ohio on Monday, April 8, 2024. ■

Expanding the Honors Line-up

by Erik Miller

In addition to the usual selection of general courses, the Honors College is adding new honors courses for the Fall 2017 semester.

The normally offered classes are tailored to meet the needs of most students. These include common classes like calculus I and II, physics I and II, Chemistry, Intro to Psychology, and Writing.

More specific courses to meet graduation requirements are also offered--such classes as Debates in African American History, Intro to Early Western Art, and Dirt, Disease, Public Health, that target students looking to meet specific requirements.

In Fall 2017, the department is offering a new honors class. MUS 261H, Evolution of Western Pop Music. This class helps broaden the honors lineup

to include more courses in the humanities. Honors students looking to take relevant courses in music will enjoy the ability to take an honors exclusive course, rather than taking honors contract courses. Honors courses can provide a more focused honors experience.

The new course looks at the development of western music, both modern and historical. It has students look at musical culture and relate that to popular music. The course also satisfies an Arts and Humanities general education requirement, encouraging students from other colleges to take it. The department is also increasing its offerings of Honors Experience

Courses for the 2017-2018 academic year. These courses are provided to expand the experience of honors students, while offering no credits toward graduation.

Some of the offerings for next year include Exploring the City, Professional Development, Engaged Citizens Forum, and Mentoring. These are offered as HON 200 courses, with Engaged Citizens Forum being available in both the Fall and Spring. These courses help increase the variety of choices honors students have; but rest assured, newsletter writing is still an option for next year. ■



May the Forks Be With You: CSU's Dining Hall Debate

by Payton Lewis

A recent change in Cleveland State's food selection has left students with mixed feelings.

This year, the Viking Dining Hall has altered their food options; is this for the better or the worse?

Now a larger portion of the entrees remain the same every day in a week period, with only some meals changing on a day-to-day basis.

Students are beginning to tire of having the same food options

each time they grab some lunch or dinner. Café eaters are in agreement that the quality of food has been much improved; however, the variety among the choices given has been reduced.

The purpose of café dining is to give hearty and healthy options to students who are not in the position to cook for themselves. The dining hall is targeted towards students who do not

live on campus and have classes all day. It also meets the needs of students who live on campus but are unable to cook meals for themselves.

A poll of sixty students who go to the dining hall on a regular basis reveals a consensus that the old café reigns superior over the new café in selection, but the quality of the food in this year's dining hall supersedes last year's.

Are Intramurals in a Space Jam?

by Josh Silvaroli



Intramural sports are a longstanding tradition at most colleges. Intramural sports are recreational sports organized within a college. They give students a way to take a break from the stress of college and have

some fun doing something they love or trying something new. Sadly, Cleveland State University's intermural leagues are not as popular as most other colleges. Cleveland State still has the same intermural sports as most schools; the number of people playing in the sports is a lot fewer though. This stems from a couple of reasons, the most prevalent being lack of awareness and time constraints of the student body.

Intramural sports at Cleveland State are advertised a lot less than most colleges; the rec center has many advertisements for them, but other than a flyer up in the Main Classroom building you will not find them promoted anywhere else. Cleveland State also suffers from terrible word of mouth, so a lot less

information gets passed from person to person.

A bigger problem is that Cleveland State students have less time than other schools' students. Many Cleveland State students commute, work, or both. Being able to work around busy schedules and also drive to Cleveland is tough for many commuters, and doing intermural sports for them is just not an option. This affects people who live at Cleveland State too, because many of their friends who they would make a team with are commuters who cannot play.

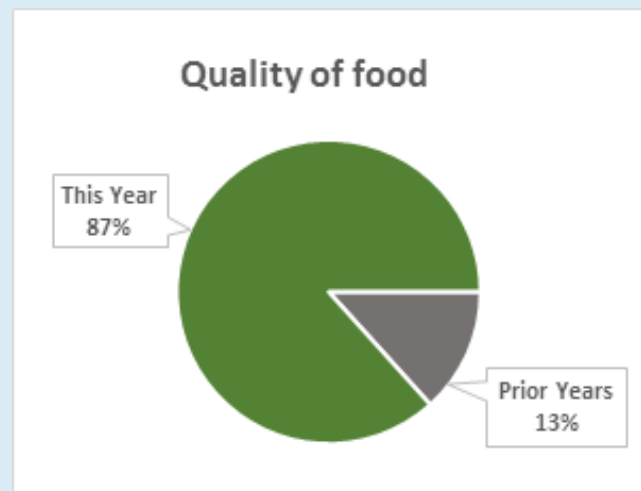
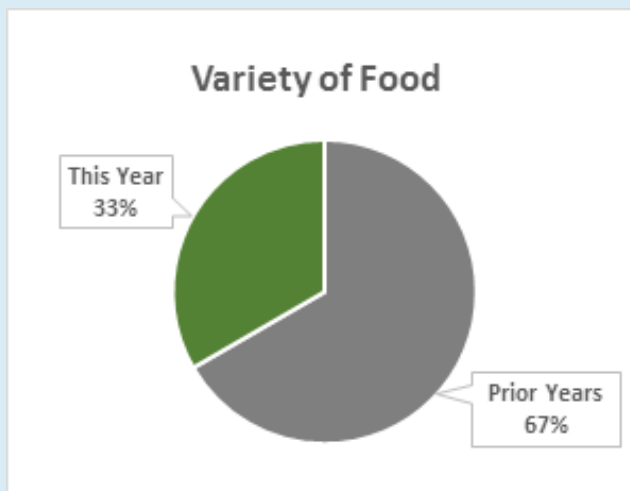
Hopefully, with more apartments being constructed for campus living the popularity of Cleveland States intramural sports will also increase. ■

After an analysis of the poll, it can be seen in the charts below that only 33% of people think that the variety of food is better this year, while 67% of people believe that the variety of food was better in the prior year, showing that the variety has diminished. On the other hand, 87% are in agreement that the

quality of food is better this year. The conclusion is that the quality is better, but the variety is suffering.

In discussions with these students, many expressed similar thoughts. One student says, "This year, the food has definitely improved from last, but still more could be done."

All this being said, the dining hall provides nutritious options for students looking for a quick meal. We are thankful for the hard work that the dining hall employees provide! ■



SPECIAL REPORT

Never-before-released government documents reveal extraterrestrials at Cleveland State.

See the startling photos!

ALIENS ON CAMPUS

Office Memorandum • UNITED STATES GOVERNMENT
DATE: March 22, 1950
TO: DIRECTOR, FBI
FROM: SAC, CLEVELAND

CONFIDENTIAL
TOP SECRET

Sentient vapor organisms—Zachary Maria and Erik Miller, encased in humanoid exoskeletons, exchange ritual greetings.

Alpha Centauri peace envoys Gabriel Madison and Payton Lewis adjust their trajectory to the nearest pizza.

Hover car driver Joshua Silveroli drops off passenger Eric McDonald while Science Officer George Cain sets out to seek intelligent life in his next class.

Antarians—Lauren Golick and Kimberly Schreder pilot a tripod walker in search of street parking.

