



Quarterly Programs & Issues Report

July 1, 2023 - September 30, 2023

Exposure, The Sci-Files, The Undercurrent and The State are shows that focus on events, issues, and programs that affect the greater Lansing area and Michigan State University. All shows are archived and are available as podcasts on our website, www.impact89fm.org, and popular podcast services such as iTunes and Spotify.

Exposure: Sundays 8:30-9 A.M.

The Sci-Files: Sundays 9:30-10 A.M.

The Undercurrent: Sundays 10:30-11 A.M.

The State: Monday-Friday 9 A.M.

These programs are designed to allow student and community groups a broadcast outlet. WDBM-FM provides the facilities, an engineer and a host.

Topics this quarter included:

July 24th, 2023:

The Sci-Files: On this week's The Sci-Files, your hosts Chelsie and Danny interview Brett Volment. Heart diseases represent the leading causes of death worldwide. Researchers commonly use cellular and animal models to investigate and study cardiovascular disease and other diseases. However, these models do not provide the best representation of human physiology. To this end, Brett's work focuses on growing and creating miniature 3D human hearts, termed "heart organoids" that allow more faithful insight toward heart development, disease mechanisms and effective treatments for heart disease. Brett creates these mini hearts using human stem cells and mimics the environment present in the fetus to advance their maturity. In doing so, he elicits 3D hearts with all major cell types found in the human heart, internal chambers representing atria and ventricles, and a dynamic vessel network. This system represents a powerful tool that researchers can use to investigate human heart development and to screen for disease therapeutics, and ultimately, serves as a major stepping stone towards generating fully synthetic human hearts from stem cells.

August 14th, 2023:

The Sci-Files: Chelsie and Daniel visit the COGS Graduate Academic Conference (GAC) for the last time. They interviewed students briefly about their research. Listen to them speak with Debkumar Debnath, Sam Weiser and Daniel Marri. This will be a three-part series as Daniel and Chelsie say bye and welcome the new hosts of The Sci-Files soon.

September 4th, 2023:

The Sci-Files: Chelsie and Daniel visited the COGS Graduate Academic Conference (GAC) for the last time. They continued to interview students briefly about their research. Listen to them speak with Jamilly Ramos De Lima and Betul Kara.

September 5th, 2023:

The State: In the news today: For our first headline of the semester focusing on MSU events, spartan traditions make a comeback as football season returns. For our second headline focusing on MSU news, how to protect your car amidst the 'Kia Boys' trend, attempted thefts on campus. For our final headline of the day focusing on more MSU news, here's how MSU students can protect their network following University of Michigan internet outage.

September 6th, 2023:

The State: In the news today: For our first headline of the day focusing on campus news, MSU leadership to prioritize student safety, mental health this school year. For our second headline focusing on MSU events, MSU Board approves amendment allowing game-day alcohol sales. For our final headline of the day focusing on Michigan State football, Mel Tucker reviews negatives and positives from the first game of the season.

September 7th, 2023:

The State: In the news today: For our first headline of the day focusing on campus news, consultants find understaffing and inadequate software prolong MSU Title IX cases. For our final headline of the day focusing on student life, what's the best way to get around MSU? Students weigh in.

September 8th, 2023:

The State: In the news today: For our first headline of the day focusing on Michigan State Football, MSU announces metal detectors for Spartan Stadium. For our second headline focusing on student life, FEMfest 2023 offers insight into the feminine experience through art. For our final headline of the day focusing on student life, students discuss off-campus, on-campus jobs at MSU.

September 11th, 2023:

The State: In the news today: For our first headline of the day focusing on campus news, firearms are now illegal on MSU campus, regardless of licenses. For our second headline focusing on more campus news, MSU board ends chair elections in split vote. For our final headline of the day focusing on campus dining, MSU dining halls return to disposable utensils amid staffing shortage.

The Sci-Files: Chelsie and Daniel visited the COGS Graduate Academic Conference (GAC) for the last time. For their final interview, they spoke with Dimitri Joseph and Mari Dowling, the new hosts of The Sci-Files. Dimitri Joseph is a 4th-year DO-PhD student in the Pharmacology and Toxicology department. He uses bioinformatics to study disparities in cancer. Mari Dowling is a 4th-year DO-PhD student in the College of Osteopathic Medicine and Department of Anthropology. Her graduate work is in medical anthropology, and her research interests are in exploring how drug policy in the United States impacts peoples' healthcare decision-making.

September 12th, 2023:

The State: In the news today: For our first headline of the day focusing on Michigan State Football, Harlon Barnett and Mark Dantonio to step in for Mel Tucker during suspension. For our second headline focusing on more Michigan State football, 'shocked' and 'disgusted': MSU students react to Mel Tucker Title IX investigation. For our final headline of the day focusing on community news, MSU experts discuss recent extreme weather events, expectations for Michigan.

September 13th, 2023:

The State: In the news today: For our first headline of the day focusing on Michigan State Football, MSU coach Tucker responds to harassment claims, calls allegations 'character assassination'. For our second headline focusing on more Michigan State Football news, Gov. Whitmer responds to Tucker's suspension, asks for answers from MSU. For our final headline of the day focusing on community news, the hidden gems of the Greater Lansing area.

September 14th, 2023:

The State: In the news today: For our first headline of the day focusing on Michigan State football, Harlon Barnett was introduced as MSU Football acting head coach during Tuesday's press conference. For our second headline focusing on campus news, Broad Art Museum showcases new exhibits at the fall opening party. For our final headline of the day focusing on community news, 'Its impact is with us': City of Lansing hosts 9/11 memorial service.

September 15th, 2023:

The State: In the news today: For our first headline of the day focusing on community life, how 'man on the street' interviews are becoming more intrusive. For our second headline focusing on campus news, MSU president search continues in secrecy, under scrutiny. For our final headline of the week focusing on more campus news, professors navigate use of artificial intelligence in the classroom.

September 17th, 2023:

Exposure: On this week's episode of Exposure, Tessa Kresch spoke with Aditi Kulkarni and Spencer Good, the co-founders and co-presidents of the Spartan Food Security Council. SFSC is a student organization with the mission of achieving greater food security on campus and in the greater East Lansing area by means of advocacy, education, and service.

September 18th, 2023:

The Sci-Files: On this episode of The Sci-Files, Mari Dowling and Dimitri Joseph interviewed Chelsie Boodoo and Daniel Puentes about their research. Daniel Puentes graduated from Michigan State University with a Ph.D. in Physics. His work focused on using experimental information to inform nuclear astrophysical simulations describing the creation of elements in space. Daniel also developed a first-generation beam stopper dedicated to dissociating molecules to improve low-energy rare isotope measurements. Daniel co-founded and co-hosted The Sci-Files with Chelsie Boodoo in 2019. Chelsie Boodoo is a Ph.D. Candidate in Biosystems and Agricultural Engineering. She creates biosensors using gold and magnetic nanoparticles to detect African Swine Fever Virus. She also uses this technology to detect foodborne pathogens such as *Staphylococcus aureus*.

The Undercurrent: On this week's episode of The Undercurrent, host Claire Bacarella talks with MSU Alum and current Miss Michigan, Maya Schuhknecht.

The State: In the news today: For our first headline of the day focusing on Michigan State Football, MSU is investigating the leak of Tucker accuser's name. For our second headline focusing on city news, Blue Owl Coffee relocates to Trowbridge. For our final headline focusing on campus news, Brody neighborhood centralizes package center to adapt to residents' growing deliveries.

September 19th, 2023:

The State: In the news today: For our first headline of the day focusing on community news, the Spartan Marching Band fosters community through storytelling. For our second headline focusing on city news, Michigan's free-well water testing program runs out of funds. For our final headline focusing on campus news, here is what's happening during MSU's homecoming week.

September 20th, 2023:

The State: In the news today: For our first headline of the day focusing on Michigan State Football, MSU football coach Mel Tucker will be fired. For our second headline focusing on community news, East Lansing Farmers Market welcomes students with "Spartan Appreciation Day." For our final headline focusing on city news, "Walk a Mile in My Shoes" rally promotes mental health, wellness.

September 21st, 2023:

The State: In the news today: For our first headline of the day focusing on student life, Black Students' Alliance hosts a town hall with MSUPD chief to discuss public safety on campus. For our second headline focusing on Michigan State Football, MSU gives up controversial Duffy Daugherty book, but concerns remain. For our final headline of the day focusing on health around campus, Debunking the "frat flu": Why do students get sick when they return to campus?

September 22nd, 2023:

The State: In the news today: For our first headline of the day focusing on campus clubs, MSU swim club holds "Marathon for MSU" in campaign to reinstate swim and dive team. For our second headline focusing on MSU homecoming, Homecoming Grand Marshal Molly Brennan: MSU will always be home. For our final headline of the week focusing on student life, MSU's Pad the Mitten holds a 'period package' party, advocating for awareness.

September 24th, 2023

Exposure: On this week's episode of Exposure, Tessa Kresch spoke with Maren Nicolaysen and Jenna Koch from the MSU Women's Council, also known as WoCo. The Women's Council is an organization that aims to be a voice and advocate for students of all genders on campus. They hope to empower marginalized communities at Michigan State by providing resources, creating inclusive spaces, and fighting for a better campus for all.

September 25th, 2023:

The State: In the news today: For our first headline of the week focusing on state news, State Sen. McMorrow speaks to Planned Parenthood MSU about the Reproductive Health Act. For our second headline focusing on environmental news, Michigan legislators focus on renewable energy, environmental protections with new energy priorities. For our final headline focusing on student life, MSU Black Students' Alliance calls for University support, accountability amid racial slur incident.

September 26th, 2023:

The State: In the news today: For our first headline of the day focusing on city news, a shooting happened early Sunday in East Lansing: Here's why you didn't get an MSU alert. For our second headline focusing on campus news, MSU unveils electric vehicle fast-charging stations, striding towards a more sustainable future. For our final headline focusing on environmental news, Meridian Green Team hosts recycling event for residents.

September 27th, 2023:

The State: In the news today: For our first headline of the day focusing on Michigan State Football, MSU coach Tucker says grounds to fire him are "flimsy." For our second headline focusing on campus news, 'we should not be settling': MSU faculty respond to Trustee's president search ideas. For our final headline focusing on environmental news, research continues on the health and wellness of the Red Cedar River.

September 28th, 2023:

The State: In the news today: For our first headline of the day focusing on campus news, MSU student government debates mandatory relationship reporting. For our second headline focusing on city news, Lansing celebrates Hispanic Heritage Month. For our final headline focusing on student life, MSU holds the National Pan-Hellenic Council Yard Show for Divine 9 fraternities, sororities.

September 29th, 2023:

The State: In the news today: For our first headline of the day focusing on campus news, MSU Union evacuated after excessive steam release. For our second headline focusing more on campus news, an overloaded dryer causes a fire in the West Wilson Hall laundry room. For our final headline of the month focusing on student life, MSU holds Hazing Prevention Week, raising awareness for students.

October 1st, 2023:

The Undercurrent: On this week's episode of The Undercurrent, host Claire Bacarella talks with three MSU freshmen about their experiences in their first month of college.

Exposure: On this SPOOKY episode of Exposure, Tessa Kresch spoke with August and Zoe from the MSU Paranormal Society in honor of it being the first day of October. The Paranormal Society is a Student Organization filled with ghost hunters who seek to understand all things paranormal.

October 3rd, 2023:

The State: In the news today: For our first headline of the month focusing on campus news, sudden sinkhole occurs on campus, causes and future risks remain unclear. For our second headline focusing on more campus news, MSU instructor on leave after students discover meth lab arrest. For our final headline focusing on city news, a lost space for the outdoor community: Grand River Ave. Moosejaw to close.

October 4th, 2023:

The State: In the news today: For our first headline of the day focusing on campus news, MSU's Career Closet: Clothing for young professionals. For our second headline focusing on city news, first-come, first-serve: students line up outside of The Abbot in hopes of signing a lease. For our final headline focusing on student life, students bring back MSU skydiving club to "enjoy the beauty of skydiving."

October 5th, 2023:

The State: In the news today: For our first headline of the day focusing on student life, FAME program supports foster youth alumni at MSU and beyond. For our second headline focusing on campus news, MSU offers an introductory course to indigenous language Kichwa. For our final headline focusing on more campus news, Spartan Family Sensory Room: A place for everyone to enjoy Spartan sports.

October 6th, 2023:

The State: In the news today: For our first headline of the day focusing on national news, a national emergency alert went off Wednesday on phones. Here's what to know. For our second headline focusing on city news, Mayor's Youth Commission to be introduced to East Lansing. For our final headline of the week focusing on community news, Lansing Art Gallery and Education Center: A place to showcase diversity.

October 8th, 2023

Exposure: On this week's episode of Exposure, Tessa Kresch spoke with Mallory, Sami, and Joseph from Michigan State Mock Trial. MSUMT is a public-speaking student organization that works on crafting legal cases, taking on the roles of lawyers and witnesses, and then going head-to-head with other colleges.

The Sci-Files: On the first episode with the new hosts of The Sci-Files, Mari Dowling and Dimitri Joseph interview Megan McGrath. Interacting with the world relies on our ability to take in information and stimuli from our environment and integrate it into a cohesive explanation of what is happening around us. But the world is full of constant, unending stimuli...so how do we know what to pay attention to? If we were consciously aware of everything that was happening in the world, we would never be able to function, so our brains have a built in "gain function", aka the thalamus. This brain structure allows us to fine tune what sensory information actually makes it up to our cortex for conscious processing so that we can get an accurate picture of the world without becoming overwhelmed. But what happens when this goes wrong? And what can that teach us about how to utilize this system to our advantage? That is Megan's main interest in her research. An aspiring anesthesiologist and consciousness researcher, Megan is interested in the networks necessary for arousal and attention and how sensory input is essential to the conscious experience. Her research focuses on the physiologic underpinnings of thalamic disruption and understanding how small differences in these networks lead to large changes in behavior, pushing to the extreme end of disruption; unconsciousness and anesthesia. She hopes that by gaining a more complete picture of thalamic networks and the spectrum of sensory processing disorders, she can begin to develop a more complete picture of consciousness.

October 9th, 2023:

The State: In the news today: For our first headline of the week focusing on Michigan State Volleyball, Spartan volleyball fans set attendance record as MSU hosts Nebraska. For our second headline focusing on city news, MSU students rally at the Capitol for greater food security on Michigan campuses. For our final headline of the day focusing on student life, MSU Spartan Hackers use technology to innovate life hacks.

October 10th, 2023:

The State: In the news today: For our first headline of the day focusing on campus news, MSU trustee, search committee chair concedes to president search criticism. For our second headline focusing on city news, local artists show out their talent at Old Town's "Arts Night Out." For our final headline focusing on health, MSU experts say self-care can help survivors during recovery, healing process.