

STEAMz Presenter Bios ♦ 2020-2021

Day 1: Thursday, March 25

3:10p - 4:00p - Keynote: Captain's Wood Fired Pies



Nick Mannisto

Nick Mannisto, a 2015 and 2017 graduate of Schoolcraft's Culinary Arts and Brewing and Distillation Technology programs, opened Captain's Wöod Fired Pies food truck in 2020. In addition to growing his own produce, Mannisto sources ingredients from local and urban farms in order to strengthen bonds with the community and provide a farm-to-table experience for his customers. Mannisto and his company also support many local charities and organizations. Mannisto's love of cooking began when he prepared a Dutch Chicken recipe for his fellow Eagle Scouts in a cooking competition. Working in Howell High School's Highlander Café only furthered his love for the culinary field, and he has plans to one day open a brick and mortar restaurant. Mannisto also manages Authentic Entertainment LLC, which provides customers with event planning, catering, and DJ services.

4:00 p - 4:25p - The World Reimagined: The Yesteryears that Brought Us Here

Alexis Gibson

Alexis Gibson is majoring in Broadcast Communications. She is the president of the Video Production Club, a Diversity, Equity, and Inclusion Scholar with the STARS Mentorship Program, and works at the Learning Center at Schoolcraft College. She will be presenting on Generational Diversity; examining generational differences in the STEAM fields and workplaces. She will demonstrate the importance of working together, highlighting each individual's experiences and strengths. By the end of this presentation, participants will learn how each generation brings to life their own version of "The World Reimagined".



4:35p-5:00p - The Relationship Between Art and Medicine

Jaedan Davis

Jaedan Davis is a 16-year-old high school junior at Oxford Virtual Academy who is currently dual-enrolled at Schoolcraft College. He is planning to pursue a career in medicine and medical illustration. Jaedan is presenting his story and a medical illustration he did of a kidney inflicted with Renal Papillary Necrosis, a kidney disease. Jaedan is an artist who has a passion for creating artworks and illustrations that depict subjects that range from simple portraits to complex anatomy illustrations. Jaedan is also an enthusiast of the art and practice of medicine. He has used his love of art and medicine to not only create medical-themed artwork, but bring awareness to certain diseases. Jaedan has done commissioned work and has had his artworks and medical illustrations shown in galleries in places such as the University of Michigan Motts Children's Hospital. When Jaedan is not doing schoolwork or creating artwork, he loves to spend his time reading and doing volunteer work that involves working with children.



5:00p-5:25p - Poverty from a Public Health Perspective

Preti Chowdhury



Preti Chowdhury is a student at Wayne State University and a part-time student at Schoolcraft College majoring in Public Health with a minor in psychology. Her goal is to present how poverty has grown exponentially throughout the world especially in the United States. Due to the high cost of medical expenses, poverty has become more common and those who seek help are unable to get them. Preti is going to talk about the health disparities that are occurring in the healthcare field and how from a public health perspective, we can take initiative to prevent poverty around us and how we can help those in Detroit hospitals who are experiencing extreme poverty especially who are exposed to the COVID-19 virus resulting in those who are affected. Preti hopes one day that she can create a change for those who are underserved. She also wants to help minorities who are also experiencing discrepancy among different fields whether it is in civil, political, economic, social, or cultural rights.

Preti's hobbies include taking long walks and reading books in her free time. She loves watching Netflix and her all-time favorite is "The Office." She has a huge passion for writing in her journal and listening to music as well.

5:25p-5:50p - Calc for Kids: Technology Access for PreK-12 Students

Meagan Bush

Meagan Bush is an electrical engineering major who will be transferring to Wayne State in the fall. During her time at Schoolcraft, she has worked on campus in the registration center, joined the Scholars Honors Program, and joined Amnesty International. She is presenting with Carlos Reynoso on the current issue of the lack of technology available for students of all ages. Meagan thinks this topic is very important right now because students and teachers are seeing technology as such a large barrier due to the pandemic.



Carlos Reynoso

Carlos Reynoso studies at Schoolcraft College in Livonia, Michigan for his associate degree in engineering. He is transferring next fall to Georgia Institute of Technology to obtain his bachelor's degree in Chemical Engineering. He is a baseball player originally from Guatemala, he has been part of the Guatemalan Baseball National Team for the past 9 years and then he came to Schoolcraft to have the opportunity to play baseball and study at the same time. As part of his STEAMz proposal, Carlos is Working with Meagan Bush in a project that includes the fundraising and donations for graphing calculators that are going to be given to a low-income high school where their resources are not enough to provide the necessary school supplies for certain classes, in this case, graphing calculators for advance placement mathematics.



www.schoolcraft.edu/STEAMz

STEAMZ Schoolcraft


Bridging the Arts, Humanities, and Sciences

STEAMz Presenter Bios ♦ 2020-2021

Day 2: Friday, March 26

3:10p-3:35p - Planted Not Buried: Challenging Perceptions of the Day-to-Day Struggle

Hermann Chendjou



My name is Hermann S Fokou-Chendjou. I am pursuing a degree in Electrical Engineering at Eastern Michigan University. I started my educational journey at Schoolcraft College, where I earned associate degrees in Science, Electronics, and Engineering. Schoolcraft is also the place where I got a taste of professionalism working as a lead tutor in the Learning center, occupying different leadership role a various organization such as founder a president of the International student organization, vice-president and then President of the Math and Physics Club, student president of the SCE club, and also chairman of fellowship for Phi Theta Kappa. Schoolcraft also awakened my passion for public speaking by giving me the opportunity to speak at various events such as Professional development series, welcome back event, student voices presentation and many others...so it is not an exaggerating statement if I say that Schoolcraft has contributed a great deal to the man I am becoming. "Becoming" because I am and will always be in a state of perpetual growth.

3:35p-4:00p - Impostor Syndrome: Where STEAM and Mental Health Collide


Caroline Ross

Carrie Ross is a Schoolcraft College Alumni that transferred to the University of Michigan College of Engineering in January 2020. Currently, Carrie is studying electrical engineering and is secretary for Theta Sigma, the only transfer student fraternity at the University of Michigan. Once completed with her undergraduate degree, Carrie hopes to continue with graduate studies at the University and obtain a master's degree in Biomedical Engineering with a specialization in bioelectrics and neural engineering.



4:00p-4:25p - Fuel Cells - A Critical Tool to Fight Climate Change

Nathaniel Turner



Nathaniel Turner is a second year student, majoring in chemistry. He is transferring to Wayne State in Fall 2021 to continue to work towards his chemistry major. He is an honors scholar and has achieved 100 hours of community service in his time at Schoolcraft. Nathaniel will be presenting on the importance of fuel cells, how they help with the battle of climate change and why they are important. He wants to use this information he is learning and sharing to help grow the understanding of the importance of dealing with climate change with the general public and to truly emphasize the importance of dealing with climate change.

4:35p-5:00p - Women as Leaders in STEAM Industries

Halle Mancuso

I am currently studying Bioengineering at the University of Michigan. I am passionate about the future of technology and science from a Women in STEM perspective. Over the Summer 2021, I will be working as an Intern in the IHD division at Novartis Pharmaceuticals and excited is an understatement! I have worked on countless projects from an academic perspective; such as: Alka-Rocket Bayer project, 3D Quantum Mechanics Simulation, Cloud Chamber analysis, and many more! Some of my strongest attributes are my willingness to continue learning, drive for success, and top-level organization and proficiency. One of my favorite quotes is, "Leadership is the art of giving people a platform for spreading ideas that work" by Seth Godin.



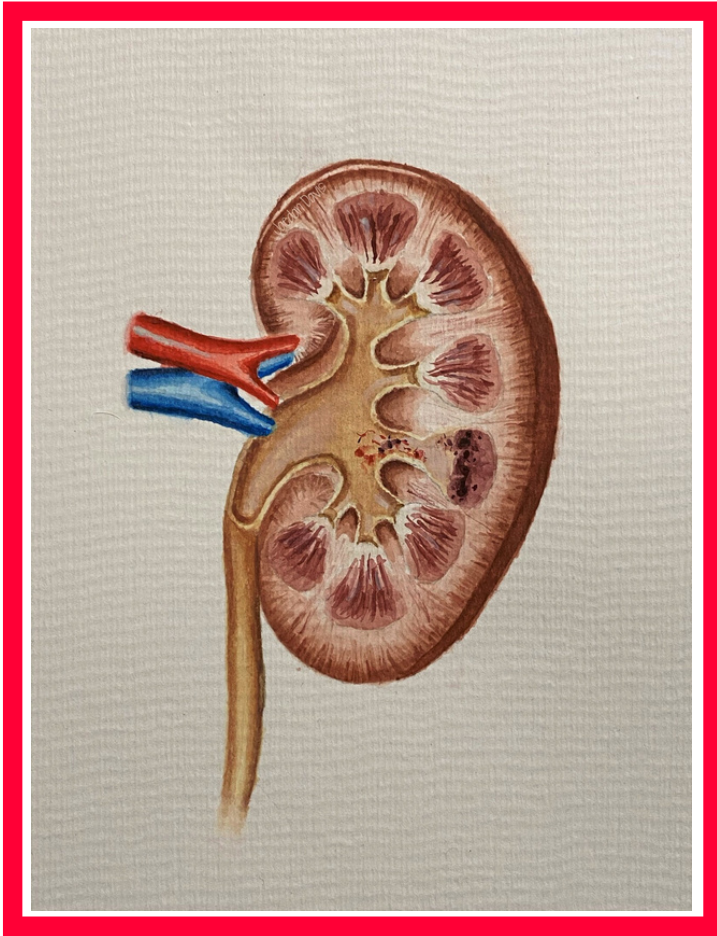
5:00p-5:25p - Contact Tracing: An in-depth Analysis

Alexander Hawthorne

Alexander Hawthorne is currently a freshman at Schoolcraft pursuing a major in engineering. His presentation is on measuring how contact tracing works, it's efficiency, and the potential improvements that it could make for the future. Alex's interests lie within the fields of technology, psychology, mathematics, and history.



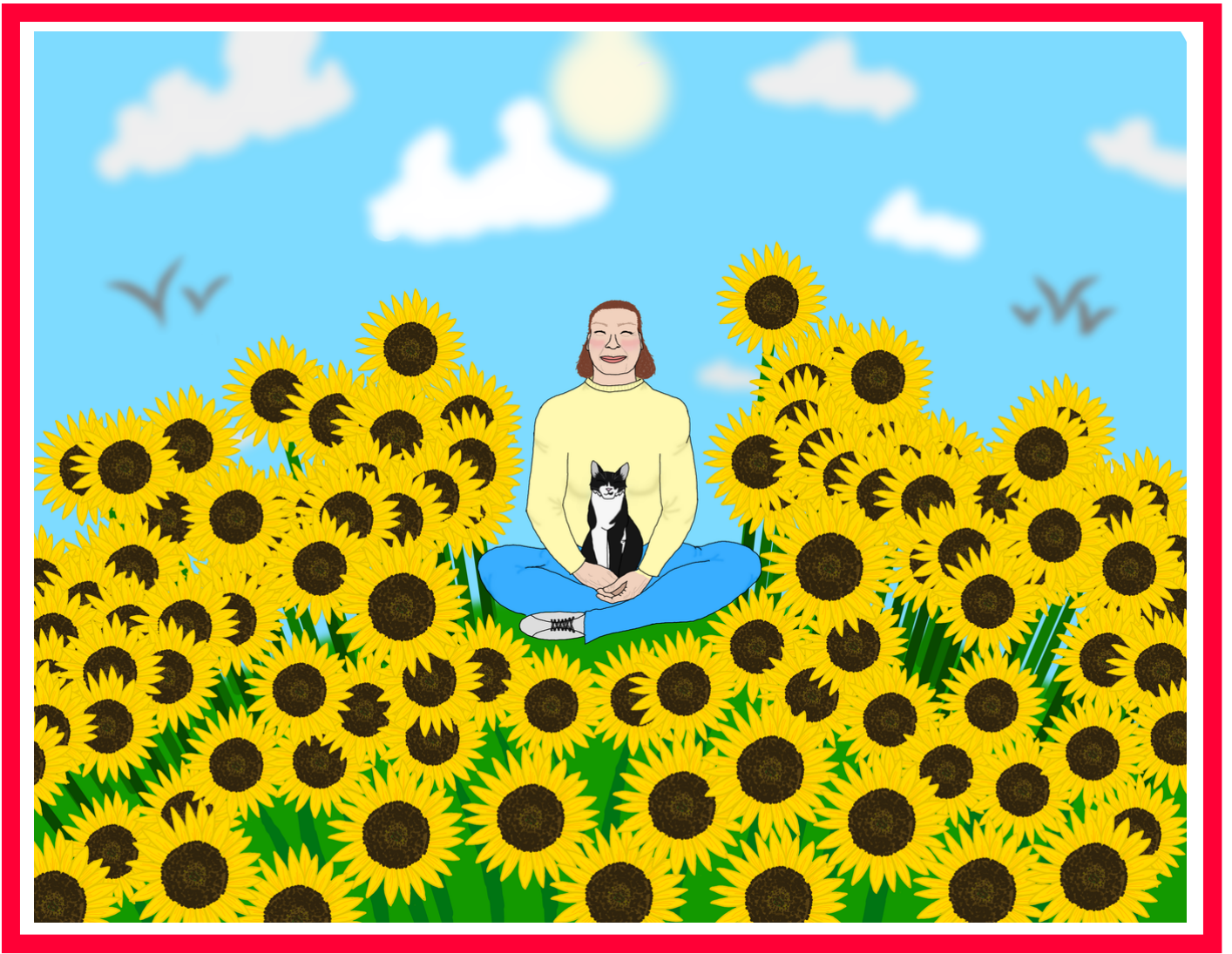
STEAMz Artwork ♦ 2020-2021



Jaedan Davis

Renal Papillary Necrosis - A Medical Illustration

I was inspired to create this illustration after battling Renal Papillary Necrosis (a kidney disease). I could not find a clear medical illustration that depicted a kidney inflicted with Renal Papillary Necrosis. Thus, I decided to create my own. I wanted to create an illustration that was not only medically accurate but artistically pleasant to look at. To create the illustration, I used information from my doctors, anatomy books (for reference), actual images captured during one of my surgeries, and general artistic interpretation to create a preliminary drawing for the illustration. Subsequently, I used a layering-technique (with watercolor as the choice of medium) to paint the illustration.



Raymond Falkiewicz

Portrait of Grandmother

For Christmas 2019, I drew a picture of my grandmother and her cat in a field of sunflowers. Sunflowers are her favourite flower, and her cat (Lil Bit) is very precious to her. This took me about four days using FireAlpaca on my Lenovo Yoga laptop. I start by tracing over a live reference photo found on Google, then put the final lines over the tracing. The final lines show the characteristics of the person or thing that I am trying to capture, rather than the reference I used. Then, I add colour and a background. Once that is complete, I add shading to make the clothing and characters more realistic. Once I finished this portion, I drew one single sunflower and copied it about fifty times, moving each copy around to create the field you see now. I chose to create this image for my grandmother because not only does she love Lil Bit and sunflowers, but I wanted to show her that she is a bright, happy light in our family.



Corin Tyler

The Tree of Light

The tree represents hope and something greater, in many ways it represents the embodiment of nature, goodness, and God within a tree. It is also meant to help us to respect and revere all of the nature and beauty that is around us each and everyday. I share my artwork in the hope that it may inspire others to pursue their own form of artistic expression.