

# 17<sup>th</sup> Annual Student Conference

**Schedule—April 19<sup>th</sup>**

**Registration/check-in - Lobby of Science and Nursing –outside the auditorium—SN 101**

**9:30-10:00    SN Room 124            Moderator: Deepshika Bhati**

**Steve Scerboksy**

Title: Reexamining Operation Downfall

Abstract:

Effective and flexible planning was the heart of United States strategy in World War Two. This was exemplified from the training of young officers to take initiative and in the absence of orders from superiors, take action, any action as opposed to inaction. This flexibility was integral to success in the field to the absolute highest levels of command. As strategy evolved to meet new challenges, the planning of what would be the final major campaign of the war, Operation Downfall, the Invasion of Japan remained unchanged in its structure over the last six months of the war. This was in spite of the new threat of the Kamikaze, and the horrific casualties it could generate as well as the Japanese advantaged casualty rate resulting from the Invasion of Iwo Jima.

**SN Room 128**

**Moderator: Partha Rajagopal**

**Alexander Carr, Jaime Giordano, Cole Peaco and Richard Joyner**

**TITLE:**

Artificial Intelligence: Effects and Impacts on Business

**ABSTRACT:**

Business Intelligence encompasses the collection and analysis of extensive datasets and information, with the aim of facilitating informed decision-making within a business setting. It plays a crucial role in various aspects, including monitoring inventory levels, forecasting future demands, leveraging emerging market trends for strategic insights, aiding in product development, and automating routine tasks through machine learning algorithms. Furthermore, Business Intelligence can be integrated into customer service and advertising endeavors through the utilization of chatbots.

The implementation of Artificial Intelligence (AI) in business operations is neither inherently good nor bad; rather, its impact depends on the strategies and approaches employed. While AI adoption can enhance operational efficiency and drive innovation within organizations, it may also lead to job displacement for certain employees. Nevertheless, businesses stand to benefit

significantly from AI integration, as it enables more accurate forecasting, reduces input costs, enhances customer service experiences, and optimizes overall operations. Companies that embrace AI technologies gain a competitive edge in their respective markets.

**10:00-10:30 SN Room 124**

**Moderator: Ann Martinez**

**Rinoa Chech**

**TITLE:**

With Devotion Comes Loss: Sam's Portrayal of Heroism Through Loyalty and Sacrifice

**ABSTRACT:**

Lord of the Rings by J. R. R. Tolkien portrays heroism in multiple forms, each character portraying different multi-dimensional formats of heroism. Each follows a different form of heroism, such as medieval knights and medieval outlaws, but there is one character I find is the most exemplary hero throughout the entire story. Samwise Gamgee, a hobbit landscaper, portrays all of the characteristics of modern heroism: bravery, resilience, determination, and compassion. Without Sam's modern heroism, the story would not have progressed. Through instances of sacrifice, Sam proves to be a guiding light for Frodo, ultimately solidifying his heroism at the end of the series. I have selected different scenes that depict these characteristics to visualize in comic format. These comics highlight just a few instances of his showcase of loyalty through his sacrifices.

**SN Room 128**

**Moderator: Mary Rooks**

**Reilly Krieger**

**TITLE:**

Archaeological Growth Through the Lens of a Long-Lost City

**ABSTRACT:**

Teotihuacan was found by archaeologists in 1884. In the last 140 since its archaeological discovery, little progress has been made in deciphering the lives of the inhabitants or their language, or culture, or even what gods they worshipped. The name Teotihuacan wasn't even the original name of the city, it was the name given to it by the Aztecs hundreds of years after all the original inhabitants "disappeared". Both the lack of progress and what little knowledge we have available so far is because of archaeologists. The way we've gone about excavating and researching Teotihuacan is a good case study of the strengths and weaknesses of archaeology as a discipline. It also shows how archaeology has grown over time to become more sophisticated, adding more scientific elements to make research easier. But that is all the fault of the archaeologists, who took too many years to discover that the Aztecs had visited the city after the mass exodus and did not inhibit it, but that's neither here nor there.

**10:30-11:00**

**SN Room 124**

**Moderator: Claudia Gomez**

**Reed Maloon**

**TITLE:**

Mathematical Models for Covid 19

**ABSTRACT:**

Mathematical epidemiology models are used to predict the spread of infection. The most important number to measure the spread of infection is a reproduction number. The simple version of a reproduction number is called a contact number, which is the number of new infected persons a single infectious person creates during infectious period (T days) in a completely susceptible population. The spread of Covid-19 in the early period may be described by exponential growth function from which one can deduce the formula for the contact number.

In this presentation the calculations of contact numbers are given for several countries in the early and later period of Covid-19. Using these numbers one can recommend the vaccination percentage that will help to slow down and eventually stop the spread of infection

### **Poster Presentations**

**11:00-11:45**

**SN Lobby outside the auditorium**

Judges: Mary Gallagher, Urmila Pal Chaudhuri, Ann Martinez, Brad Shepherd, Partha Rajagopal

**Benjamin Willison**

**TITLE:**

How Heightened Human Activity Impacts Aquifer and Groundwater Systems

**ABSTRACT:**

This presentation looks at how anthropogenic and natural forces affect aquifers around the globe. Underground aquifers provide water for millions of people worldwide, and understanding what factors lead to depletion is crucial for maintaining water access to these populations. These groundwater systems often provide the capability for populations in many parts of the world to inhabit the places where they live; and, conservation of this resource is incredibly important for these populations. This presentation focuses on two case studies that take a look into how nearby human activity, as well as natural forces, are affecting the rates of depletion and recharge in the aquifers that different populations rely on. The first case study focuses on aquifers located on the Caspian Coast of Iran, the methods used to detect depletion, and the causes of depletion. The second study focuses on aquifers in the Cauvery Delta in India and the anthropogenic stressors on the system. These studies look at densely populated areas of great economic importance to their respective regions and countries. Factors that the studies attribute to the decline in groundwater levels include industrial, agricultural, and population overuse. This presentation is formatted as an academic poster.

**Kendall Myers, Muhammad Ahsan Iqbal and Grace Christiansen**

**TITLE:**

Metals in the mandibles of insects

**ABSTRACT:**

Insects are the most successful group of animals, from both an ecological and evolutionary perspective. Their successes are related to several different factors, including a diverse diet. Insects with biting-chewing type mouthparts feed on various plant tissues, but also feed on prey. It is well known the transition metals are found in the cuticle of some insect structures, providing the ability to harden cuticle through metal-coordinated bonds. Here, we used scanning electron microscopy and energy dispersive X-ray spectroscopy to analyze the elemental composition of the cuticle of mandibles from several insect lineages, with an emphasis on determining if transition metals are present.

**Kyle Arquilla, Ishan Gejara, Melanie Darling, Brent Warring**

**TITLE:**

Exploring Fine-Grained Feature Analysis for Bird Species Classification: Implementing Layer-wise Relevance Propagation

**ABSTRACT:**

This research investigates fine-grained feature analysis in bird species classification using the CUB-200-2011 dataset, with a specific focus on Layer-wise Relevance Propagation (LRP). The dataset's annotated bounding boxes and part annotations offer a unique opportunity to explore the contribution of intricate details in categorizing bird species. We propose tailored LRP models to effectively analyze fine-grained features in bird images. Our study involves an in-depth feature attribution analysis using LRP to elucidate the neural network models' decision-making process. We aim to identify the features or parts of bird images that play a significant role in classification, thereby providing insights into the discriminative aspects crucial for accurate categorization. Through LRP techniques, we localize and highlight discriminative features within bird images, such as feather patterns, shapes, or colors, contributing to the advancement of fine-grained classification in ornithology

**Tayleigh Folden**

**TITLE:**

The Ultimate Monster/Feminist: Medusa

**ABSTRACT:**

I propose a poster that follows the story of Medusa as she transforms from woman to monster to feminist. Mythology, as a primarily oral tradition, is prone to change. As legends are passed down from generation to generation, details can be forgotten, perspectives can shift and grow. This principle applies to the myth of Medusa. Medusa started off as a cautionary tale in Ancient Greece, used to inspire fear of the gods and their vengeance. Hideous depictions of her were painted and carved into various forms of art to ward off evil, but her tale takes a turn. Thanks to the work of various feminists, such as Hélène Cixous, Medusa's story has now become one of a helpless woman who is abused at the hands of men. Medusa is stepping out of her silence as a victim of sexual assault, becoming a beacon of resilience for those who need her.

**Audrey Byrd**

**TITLE:**

Water Quality in Tuscarawas County

**ABSTRACT:**

Water quality is a very important issue that affects people and the environment. This semester while in Dr. Taylor's Honors Water and the Environment class we were assigned a project about water, where we chose the topic and direction for the project. For the project I chose to research the water quality of water in Tuscarawas County focusing on the effects of agricultural runoff and pollutants from the past coal mines in the area. I plan to write a research paper, and use information and previous research from past data collected from the bodies of water in Tuscarawas county, collected from experts in the field. For the student conference, I plan to create a poster to present the information and data I find during my research, and display that information. I live in Tuscarawas County so research for this area affects me greatly. All information for the poster will be based on scholarly sources, material covered in class, and my research paper.

**Audrey Byrd**

**TITLE:**

Tennessee to North Carolina: The Cultural Meaning in Cherokee

**ABSTRACT:**

On a family trip last September, I traveled from Ohio, to Athens, Tennessee, then through the Smoky Mountains to Cherokee, North Carolina. During the same semester, Dr. Post assigned a final project in my Honors Human Geography class, where we were to look and photograph different landscapes and compare them to Richard H Shein's ideas towards landscapes as "discourse materialized." I thought that my trip would be a perfect time to take photos of different landscapes. While on the trip I focused on cultural photos from Cherokee, North Carolina. Within the research paper I compared the photos I had taken to Richard H Shein's ideas, and analyzed the cultural meaning of Cherokee, and its historical significance. For the

Student Conference I plan to create a poster to present. The poster will display the photos I had taken while in Cherokee, North Carolina, and how they connect to Richard H. Shein's idea of "discourse materialized." All research for the poster will come from sources used in the Honors Human Geography class, outside scholarly sources and will be based on my paper "Tennessee to North Carolina: The Cultural Meaning in Cherokee."

### **Jada Howard**

#### **TITLE:**

Superhydrophobicity of the Labial Sheath of the mosquito, *Culex pipiens*

#### **ABSTRACT:**

This study examines the wettability of the labial sheath of the mosquito, *Culex pipiens*. It was hypothesized that the sheath provides self-cleaning abilities through superhydrophobicity. I employed three methods to assess wetting properties, the capillary-rise technique, contact angle measurements of water droplets on the surface of the sheath, and SEM-3D imaging to quantify topographical surface roughness. The capillary-rise technique revealed that the sheath is hydrophobic, which was further confirmed with contact angle measurements of droplets that exceeded 150°, indicating superhydrophobicity. The superhydrophobicity is attributed to a wax layer on the cuticle and the surface roughness, which suggests that the wetting properties are best explained with the Cassie-Baxter model.

### **Alexi Antoniadis**

Abstract: This project is a visual aide of the journeys taken to freedom. Because my grandparents moved to the United States to start their own tailoring business, I decided to sew my grandparents' journey across the Atlantic Ocean to show the path they took both in physical direction and in career choice. The other paths that are seen are journey's taken by refugees from the books 'We Are Displaced' by Malala Yousafzai and 'The Best We Could Do' by Thi Bui.

**Immigration Presentations                      11:45- 12:30    SN Room 101**

**Moderator: Mary Gallagher**

**Jacob Martzaklis, Everett Smith-Hoffman**

### **Everett Smith-Hoffman**

Abstract: As a Deaf-parented American Sign Language interpreter, I'd like raise awareness about the Deaf immigrant experience with a video interview conducted in American Sign Language. Deaf people often come to the United States seeking equal rights, access, and other resources. These resources include but are not limited to job-training and placement, support for those seeking formal education, the legal right to interpreters, and a close-knit Deaf community that is

rich in its own language and culture. In some countries, Deaf individuals are not given the tools they need to live independently, such as language and education. Discrimination towards Deaf individuals in the United States does exist but is not to the same degree as other countries because of the anti-discrimination laws in place, so Deaf individuals have more rights, better education opportunities, and a greater chance of success.

### **Jacob Martzaklis**

The project is a poem based on personal experience. Specifically, the recording, interpretation, and synthesis of my Father, Uncle, Yiaya (Grandmother), and Papous' (Grandfather) immigration from Greece to America in 1976. While many stories have been passed down over the years, interviews with my father, Konstantinos/Gus, and my Uncle, George Martzaklis, will Gather their recollections more concretely, as well as keep an emotional nuance to the entire experience and eventual writing.

Ideally, the poem would consist of a coagulation of the background circumstances, process of immigrating, and especially the following decades of hard work and emotional strain pressed upon my paternal family. I feel there is a great opportunity to explore, communicate, and better understand my family's history, ultimately providing a (hopefully) meaningful piece dedicated to my father, uncle, and deceased grandparents, whose legacy is so pertinent to my upbringing and understanding of the world.

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### **Musical Presentations**

**Fine Arts Building room 114**

**12:00-1:00**

Paul Wagner

*Heaven Calls*

Ceci Taylor, Voice

Paul Wagner Piano

**Andrew Weissert, Tristan Vang, Nicholas Murray and William Guendelsberger**

For the Student Conference Spring 2024, music composition classes 21213 and 21214 have collaborated on a group composition. The class is led and coached by Professor Alissa Shuster.

“*State of Minds*” was composed by the four students enrolled in the class: Andrew Weissert, Tristan Vang, Nicholas Murray and William Guendelsberger. It has been an interesting process of give and take, acceptance and rejection of ideas, and blending different personal aesthetics. Three formal diagrams have been formed, also called storyboards, that have been changed and morphed over the collective experience. The composition calls for two guitars, keyboard (joined by fellow KSUS student Treon Mathews), bass doubling on vibraphone, and drums.

As can be seen by proof in the history of our favorite collaborations in popular music, it can be challenging to bring everyone on to the same page with similar goals, but possible.

## **Afternoon Presentations**

**1:15-1:45                      SN Room 124                      Moderator: Brad Shepherd**  
**Robert Coleman**

### **TITLE:**

Why Football grew in the Ohio Rustbelt

### **ABSTRACT:**

It is my purpose to present that football is not all glitz, glamour, and paparazzi. It descended from a rough and tumble game that was entertainment for the masses that complete with screaming crowds, betting with thumbs up or down, and that there was an area of the money people. It was not unheard of, at that time, for many catastrophic injuries and deaths to happen. I want to present that the basis of the game comes from rough and gritty towns that were mostly around Ohio. Also, that today's million dollar players are actually standing on the shoulders of giants who did all the heavy lifting with none of the glory. They had no safety equipment and had to develop it as the game progressed with Teddy Roosevelt on the forefront of this development. I also want to present that teams were started from areas where there was heavy industrialism and the owners had some extra money to develop teams and were looking for sponsors through this. The team owners met in a car dealership garage to plan their moves with little more than a handshake and an agreement to meet again in the future for development of league that would be similar to baseball. Such was the beginning of the sport.

**SN Room 128                      Moderator: Urmila Pal Chaudhuri**

**Jessica Mathews**

### **TITLE:**

From Document to Artifact: Overlooked Uses for Books in Historical Research

### **ABSTRACT:**

Books have long held an important place in historical research, their contents used as both primary and secondary sources. However, books have been overlooked as physical artifacts, even as other forms of artifact-based research begin to rise. Like many other physical objects produced by a society, the choices made when creating books, including cover materials, binding styles, and decorative techniques, offer valuable insights into the status of the books' original owners, the perceived importance of the text, and the technologies available to the printers and binders. This research offers an initial look into the use of books as artifacts by identifying several basic styles of bookbinding, such as soft versus hard cover books and the types of materials used for each, defining some of their historical contexts, and outlining possible implications of various materials.

**1:45-2:15                      SN Room 124                      Moderator: MJ Albacete**



**Rachael Wayts**

**TITLE:**

Violence Vs Non-Violence, What Really Influence British Women's Suffrage

**ABSTRACT:**

When it comes to the British women's suffrage movement, a defining aspect that most people think of is the militant tactics that were used by suffragettes. Violent actions, such as window smashing, were introduced into the suffrage movement in 1912, forty-six years after the first women's suffrage bill was introduced to parliament. With the introduction of militant tactics into the movement, organizations would split into two groups, the suffragists and the suffragettes. Suffragists believed in peaceful demonstrations while suffragettes believed that in order for parliament to take them seriously they needed to use violent actions. Through primary sources such as newspaper articles and speeches given by women suffrage activists of the time, this paper explores how militant actions affected the suffrage campaign and argues that it was the persistent nonviolent demonstrations rather than the suffragettes violent ones that led to the passing of a suffrage bill in 1918

**SN Room 128      Moderator: Brad Shepherd**

**Kellie Rose Kordinak**

**TITLE:**

"Comfort stations" as a form of sexual slavery, exploitation, and trafficking during World War II & its repercussions

**ABSTRACT:**

Many historians have studied the "comfort station" systems implemented by the Japanese government during World War II and their horrific impact on "comfort women" victims and survivors up to the present day. By utilizing documented oral histories from "comfort women", primary sources pertaining to the "comfort stations" system, and various forms of research, this paper aims to contribute to the documented evidence that the "comfort station" system was a form of sexual exploitation and human trafficking of Chinese, Korean, Japanese, and women of other ethnicities perpetrated by the Japanese government, recruiters, and military personnel during World War II. Such perpetrators should be extended to include the U.S. military and other Allied troops during military occupation of Japan shortly after the war. Context and well-intentioned historical research surrounding this topic are necessary to address recent misuse of sources by researchers and the continuation of denial from the Japanese government. This paper/presentation is part of a larger thesis project looking at the history of human trafficking in the twentieth century.

**2:15-2:45      SN Room 124      Moderator: Gro Hovhannisyan**

**Melanie Darling, Brent Warring and Kyle Arquilla**

**TITLE:**

## A Survey of Unveiling the Enigma: Unconventional Approaches to Deciphering and Visualizing Deep Learning Models in Medical Imaging

### ABSTRACT:

Within the domain of healthcare, the synergy between medical imaging and deep learning has advanced diagnostic and prognostic capabilities. However, the inherent complexity of deep learning models poses challenges in understanding their decision-making processes. Interpretability and visualization techniques have emerged as crucial tools to unravel the black-box nature of these models, providing insights into their inner workings and enhancing trust in their predictions. This survey paper comprehensively examines various interpretation and visualization techniques applied to deep learning models in medical imaging. The paper reviews methodologies, discusses their applications, and evaluates their effectiveness in enhancing the interpretability, reliability, and clinical relevance of deep learning models in medical image analysis.

**SN Room 128                      Moderator: MJ Albacete**

**Rachael Wayts**

### TITLE:

The Mystery of Withywindle: Tom Bombadil's Importance in Tolkien's Nature

### ABSTRACT:

Perhaps one of the most mysterious characters in J.R.R. Tolkien's Lord of the Rings series is Tom Bombadil. In the world of Middle-Earth, there is no clear purpose that Tom serves; he appears in less than two chapters of the entire series and does not make an appearance in any of the movies, yet he has still captured the minds of many scholars. While there is not one general consensus on what Tom Bombadil is, there have been overlapping theories. The one commonality these theories have is Tom's undeniable tie to nature. This paper explores the different theories that surround Tom Bombadil and his role in the Lord of the Rings universe.

**2:45-3:15              SN Room 124                      Moderator: Brad Shepherd**

**Nathan Blough and Jude Skrzat**

### TITLE:

Navigating ChatGPTs Limitations: Common Issues and Prompting Strategies

(A pre-recorded presentation video)

### ABSTRACT:

Large Language Models (LLMs) are new tools that have quickly gained popularity over the past year. A LLM is a deep learning model that has been trained on a massive amount of data.

ChatGPT, and other similar models such as Google Bard and Bing AI have the incredible ability to convincingly replicate a human conversation. They are also able to answer questions from a wide variety of topics such as history and coding. However, users are quickly realizing that ChatGPT, while incredibly useful for a wide variety of tasks, is not an all-knowing AI. There are several weaknesses in LLM datasets that lead to misleading or incorrect answers. The way we prompt the LLM can also change the answers we receive. This research aims to explore the glaring problems with LLMs by testing with GPT3.5. In particular we discuss the Reversal Curse, the Confident Misinformation (aka. Hallucination), and some Math and Counting problems and we aim to understand how proper prompting can correct these issues.

**SN Room 128            Moderator: Partha Rajagopal**

**Kellie Rose Kordinak**

**TITLE:**

Human Trafficking: 20th Century Historical Research & The Importance of Credible Research

**ABSTRACT:**

Human trafficking has existed in many forms throughout history as slavery, human bondage, sexual exploitation, etc. The 20th-century issue facing millions today has only been recently studied and documented, but much work remains to be done. Without definitive knowledge of its history within the twentieth century, individuals will face obstacles of foundational knowledge and competency when studying and combating human trafficking in the present. Due to the lack of research focus on the historical roots and origins of human trafficking, the collection of resources involving topics of human rights, U.S. and international legislation, historical context, and statistical data/reports hold the majority of relevant information. By utilizing the documentation of primary and credible resources, the intention of this project is to reveal the 20th-century origin of the term human trafficking, determine facts from misconceptions, and disclose how human trafficking has been previously identified, defined, and combated. The thesis is presented in a website format for greater accessibility and interaction with the content provided.

**3:15-3:45            SN Room 124            Moderator: MJ Albacete**

**Brandon Finch**

**Title:** Donut Dollies in Vietnam

**Abstract:**

An aspect of the Vietnam War almost forgotten about, is the American Red Cross SRAO volunteers called the Donut Dollies. In a war that has been written and talked about for decades, these Dollies are failed to be mentioned in great detail. The historiography talks of who and what they were, but not the impact they had on the troops. Their programs they played with the troops proved to be a good distraction, but when it came to boosting morale, their smiles and words are

what truly made the difference. This paper aims to add this argument to the small historiography of the Dollies by looking at primary sources written by the women themselves. Dollies like Nancy Smoyer tells of troops that she had personally helped during the war and the impact she had on their lives. As PTSD within troops and veterans grows, she tells of some correspondence she had with a veteran decades later that she impacted. This research is important as PTSD becomes ever apparent within troops from previous wars and current. During a time where morale was needed, these women can show how impactful they were in boosting it.

**SN Room 128                      Moderator: Gro Hovhannisyan**

**Jacob Kritzell**

Title: Huey Long and The Socialist Dogma

Abstract: Throughout history, the one word that has scared voters in The United States is the word Socialist. Since the creation of the Ideology, it has sent shock waves of fear down people's spines. One of the greatest examples of this is a politician from Louisiana in the 1930s named Huey Long known as the “Kingfish”. His policies were to address the ever growing wealth inequality that led to the Great Depression. The research process will be looking at many of the newspapers of the time and primary narratives on the inspirations of Long and analyses of the biases of his work to understand the true intent that Huey Long was pursuing with his policies. Through the analyses of these newspapers, biographies, and government hearings we can get an interpretation to prove the idea of how socialist dogma was used to discredit Long's progress to shorten the wealth gap and address the problems within the time period to the gap.

**4:00-5:00 P. M.**

**Opening of Exhibit—Created and designed by Hannah Spicer**

**Reception and opening on 3<sup>rd</sup> floor of Main Hall**

The 2022 Major League Baseball season marks the first season that Cleveland’s MLB team used the name The Cleveland Guardians. However, what fans living outside of Cleveland may not know is that the Guardians got their name from four double-sided 43-foot-tall bridge pylons known as the Guardians of Traffic. The pylons sit just outside Progressive Field on the Lorain-Carnegie (now known as Hope Memorial) Bridge and have been guarding Cleveland’s East and West traffic since 1932.

Building the Guardians of Traffic was a group effort. It included architects Frank R. Walker and Harry E. Weeks, engineer Wilbur J. Watson, sculptor Henry Herring, and dozens of stone masons employed by the Ohio Cut Stone Co. The name Guardians of Traffic was coined by their engineer, Wilbur J. Watson, and they are meant to “typify the spirit of progress in transportation.” Each figure wears a laurel reef or helmet and is thought to represent the Greek God Hermes, the god of travel. Each guardian holds various vehicles, from a stagecoach representing the first mode of transportation to the 1932 automobile, the newest method of transportation.

Then, in 1980, the bridge was shut down for construction and reopened with the new name of Hope Memorial Bridge in honor of comedian Bob Hope's father, William Henry Hope, who was one of the bridge's stone masons. Since then, the bridge has been used for races such as the Hope Memorial Mile and the ongoing Guardian Mile. There have also been several promotional campaigns throughout Cleveland, including the Cleveland Cavaliers "All For the Land" billboard featuring one of the pylons. The Guardians of Traffic have been guarding Cleveland's East and West traffic for nearly a hundred years and could guard it for a hundred more. And with them, they bring Hope for a World Series win for the Cleveland MLB team named after them.

### **Student Biographies**

**Alexi Antoniadis** is a first-year student at Kent Stark in her 2<sup>nd</sup> semester at Kent Stark. Alexi is majoring in Middle Childhood Education with focuses in English and Social Studies. In her free time, Alexi enjoys spending time with her family and friends.

**Kyle Arquilla** is a junior at Kent State Stark. He is working towards his bachelor's degree in Computer Science. After graduation he would like to become a software engineer. He enjoys designing, programming, and playing video games.

**Nathan Blough** is a senior at Kent State Stark. He will be getting his Bachelors in computer science after the current semester. He plans on working in IT after graduation. Outside of school he enjoys reading, drawing and gaming.

**Audrey Byrd** is a junior at Kent State Stark. She is majoring in environmental studies, with minors in geography, history and geology. After she graduates, she plans to start her career in a government agency focusing on conservation or soil and water quality. She enjoys fishing, traveling and spending time with her fiancé and her family.

**Alexander Carr** - Fourth year in college. Business Management Major, Computer Science Minor. Planning on working in Information Systems or Information Technology.

**Rinoa Chech** is a third-year student at Kent State Stark. She is an English Major, with a double minor in Creative Writing and Women's Studies. After she graduates, she plans to attend graduate school and work within the editing field. She enjoys reading, writing, and digital art when she is not at school.

**Robert C. Coleman** is a senior student at Kent State Stark Campus. He is a senior history major. In his spare time, he follows sports history. After graduation, he plans on sports history writing.

**Grace Christiansen** is a junior biology major with a focus in animal studies. She is excited to be working with Dr. Lehnert in his entomology lab, and hopes to become a zoologist.

**Melanie Darling** is a junior at Kent State Stark. She is majoring in computer science. After graduation, Melanie plans to work as a software developer. In her free time, she enjoys playing video games and being with friends and family.

**Brandon Finch** is a senior with a double major in history and IT. Brandon completed an internship at the MAPS museum which led him to the topic of his presentation about donut dollies and the Vietnam War.

**Tayleigh Folden** is in her fourth semester at Kent State Stark. She is majoring in English and plans to attend graduate school after graduation to become an English professor. Tayleigh enjoys researching, reading, writing, and listening to music in her free time.

### **Ishan Gejara**

**Jaime Giordano** - First Year at Kent Stark. Computer Science Major.

Succeeding on my own LLC, Graduating College, Get a high position in a startup or a position in a big tech company.

**William Guendelsberger** (guitar) (b. 2000) Will is majoring in Integrative Studies. He began taking guitar lessons at age 14 and has been writing music and performing ever since. He often collaborates with his musical siblings as well. Will is studying music composition and music production at KSUS currently and aspires to succeed as in performing and marketing his original works. He is also interested in taking commissions for original works as well.

**Jada Howard** is a senior student at Kent State Stark. She is completing her bachelors in biology with a minor In geology. After she graduates. she plans to attend graduate school to pursue her dream in becoming a professor in public health. She enjoys conducting research and learning news ways to cultivate her skills in the lab and out in the field. She also enjoys spending time with loved ones in her life.

**Muhammad Ahsan Iqbal** is a freshman attending Kent State University at Stark pursuing BS in psychology. Aspiring to a be psychiatrist, he aims to continue actively partaking in research opportunities to equip himself with a diverse knowledge in fields of both biology and psychology.

**Richard Joyner** - First Year at Kent Stark. Computer Science Major. Some career goals include working as a software engineer.

**Kellie Rose Kordinak** is a senior studying both History and Applied Communications at Kent State Stark. She is an active member of the Honors Program, the KSU Stark Anti-Human Trafficking Committee (AHTC), and the Creative Writing Club. In her spare time, Kellie Rose volunteers as a Court Appointed Special Advocate (CASA) for Portage County working with foster youth and currently interns with ASIA, Inc. and the Summit County Collaborative Against Human Trafficking (SCCAHT). In the near future, she plans to graduate and continue following her passion of advocating for vulnerable populations in the nonprofit sector.

**Reilly Kreger** is a second year student at Kent State. She is completing a major in History. After graduating she plans on working with the National Park System.

**Reed Maloon** is a CCP student who plans on majoring in education to become a high school math teacher. In her free time she enjoys reading as well as spending time with her two puppies, Goose and Hobbs.

**Jacob Martzaklis** is a Junior undergraduate at the Kent State University Stark campus, majoring in English and minoring in Creative Writing. In his free time, he enjoys reading and writing poetry, continuously learning about new concepts and topics, and spending time with family. He lives at home with two dogs, one cat, and seven chickens.

**Jessica Mathews** is a history major at Kent State Stark. Following graduation, she intends to pursue training in book conservation and preservation by attending graduate school for museum studies and by taking classes in bookbinding. She enjoys reading and a variety of crafts when not busy with school and work.

**Tréon Mathews** (keyboard) (b. 2003) is not part of our class yet was gracious enough to lend his talents for this collaboration. He sings, plays the drum set, piano and composes gospel music. As of July 2023, Tré plays keyboard for the Kingdom Vision Faith Church, and occasionally drums. In February 2024 he performed in the 31<sup>st</sup> “Gospel Meets Symphony” at E.J. Thomas Hall in Akron.

**Nicholas Murray** (guitar) (b. 2006) is an aspiring musician and has been playing trumpet for 7 years and guitar for 3 years. He is going to college at KSUS in both composition and performance. He likes to compose in any genre that comes to mind.

**Kendall Myers** is a first year student at Kent State Stark. She is completing a double major in Biology and Psychology. After graduation she hopes to attend graduate school to become a physician assistant. When she is not busy with school work, she enjoys reading and hiking.

**Cole Peaco** - First Year at Kent Stark. Computer Science Major. Career goals include working in cybersecurity or robotics. I will graduate in 2027 with a B.S. in Computer Science.

**Steve Scerbovsky** is a senior history major at Kent State Stark. He is graduating this May.

**Jude Skrzat** is a first year student at Kent State University. He plans to learn as much computer science as possible to work at a large company like google in the future. Outside of school, Jude enjoys gaming, spending time with his friends and girlfriend, cooking and competing in esports competitions.

**Everett Smith-Hoffman** is pursuing their second bachelor’s degree at Kent State Stark. They are an English Major with a minor in creative writing. After graduation, they plan to work as an editor and go to graduate school to become a professor. They enjoy reading, writing, and playing video games in their spare time.

**Hannah Spicer** is a senior at Kent State Stark majoring in history with a minor in Italian studies and geology. Outside of school, she enjoys hiking, gardening, cooking, and scouring flea markets and thrift stores for all kinds of vinyl records.

## **Ceci Taylor**

**Tristan Vang** (bass and vibraphone) – no information given  
Tristan Vang is a third-year student at Kent State University studying Music Technology. Tristan's journey in music began early in his life, showing an interest in piano at the age of 9. He taught himself how to play piano, which opened up a journey of discovering all sorts of other instruments. Tristan has always had a keen ear for music production. He was introduced to music technology through making songs and producing. He is primarily a vocalist, pianist, and bassist. On his free time, he gigs playing bass, songwriting, and producing and mixing for his own projects/ collaborations.

**Brent Warring** is a junior at Kent State, majoring in computer science. After graduation Brent plans to work as a software developer. When not at school Brent likes to spend time with his animals.

**Rachael Wayts** is a double major in English and History with a double minor in Ancient, Medieval, Renaissance Studies and Women's Studies. After graduation she plans on attending graduate school to further her studies in English Literature.

**Andrew Weissert** (drums) – no information given  
Andrew Weissert, from Pittsburgh, PA, is a 3rd year Kent State Stark music technology major. He is pursuing a concentration in both music production and audio recording, as well as studying drum set and percussion as his main instrument.

**Paul Wagner**  
Paul Wagner is a Junior at Kent State Stark. He is double majoring in political science and music technology, with concentrations in audio recording and music production. Paul began writing music at the age of 11, and has almost all of the songs completed for his first Broadway musical. He enjoys writing rock, blues, ragtime, jazz, soul, and classical music. After graduation, Paul plans on working as a mastering engineer and attending law school.

**Ben Willison** is a second year student at Kent State Stark. He is majoring in Geology and plans to go to graduate school. He enjoys hiking, reading, and spending time with friends during his free time.

## **Special Thanks**

Julie Spotts	Dean Seachrist	Assistant Dean Sturr
Rachael Wayts	Lucy Perry	Austin Vandegrift
Sophia Muhlenkamp	Claudia Gomez	Scott Tobias



Brad Shepherd

Hannah Spicer

Mary Gallagher

Mary Rooks

Deepshika Bhati

Jim Seelye

Robert Hamilton

Susan Nason

Gro Hovhannisyan

Ann Martinez

Urmila Pal Chaudhuri

Bathi Kasturiarachi

Bella Farley

Kellie Kordinak

Partha Rajagopal

MJ Albacete

Sebastian Birch