

Celebration of Scholarship
2019 Directory of Participants



Introduction and Acknowledgements

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Welcome to the Fifth Annual Celebration of Scholarship!

We are delighted to host Penn State Wilkes-Barre's fifth annual research fair, the Celebration of Scholarship. This year, over 150 students will present 112 posters from 12 faculty sponsors.

This event is truly collaborative, with participants and volunteers from a variety of campus offices. It would be risky to try to list everyone for fear of accidentally excluding someone; however, it is fair to say that every department on campus participates in some way with this event, from facilities and maintenance to the faculty and staff, whether in terms of guiding student research, coordination and setup, or volunteering as judges. As always, we are indebted particularly to Tim Sichler and John Owens for their annual printing of the posters, which takes many, many hours to complete. We would also like to add a special thanks to Jeff Chiampi and John Owens for creating, designing, and manufacturing this year's awards on the campus's new Glowforge and the library's 3D printer.

The Chancellor Endowment funds has graciously provided the pizza, and drinks for the main event. In addition to supplies, coordination, training, and research assistance, the University Libraries are contributing funding for the main prizes in the event. And speaking of prizes, we invite everyone to return to the ARB gym at 4:00pm today for some refreshments and a brief ceremony to announce the top posters in this event, courtesy of the Chancellor's Office.

The Celebration of Scholarship Committee hopes that you will have an exciting day here at Penn State Wilkes-Barre, and that you will learn from the work of our students.

The Celebration of Scholarship team, 2019

Megan Mac Gregor, Student Engagement and Outreach Librarian

John Owens, Information resources and support specialist

Courtney Snow, Library aid

Tim Sichler, Instructor, Engineering

Dr. Renee Rosier, Assistant Professor, Biology

Melisa Naylor, Instructor, Rehabilitation and Human Services

Jeff Chiampi, Instructor, Information Sciences and Technology

Student Posters

001. Tiffany Amigon, Alaena Llyod.

Hydroelectricity

This poster will provide an in depth look at the hydrodam process and it's many benefits as well as negatives.

002. Brandon Andes, Kyle Katra.

Nuclear Fusion

The process and history of nuclear fusion.

003. John Armstead, Kyle Moskaluk, John Richards.

Process of Instrumenting a Model Rocket

Process of Instrumenting a Model Rocket

004. Kennedie Bahr.

American Sniper

This poster is providing information about the movie, American Sniper. Specific terms in this poster consist of mise-en-scene, pacing editing tool, and etc.

005. Kennedie Bahr.

It's Fake

This poster is about social psychology topics, specifically self-presentation and self-esteem. Why do people catfish? This is the question I'll be answering throughout the poster.

006. Sean Banul, John Chapman, Robert Kinney.

Process Description of Flight Planning for Aerial Photography

This process description outlines and explains the steps of flight planning.

007. Elizabeth Bartuska.

England's Green Belt - A Good Idea or A Waste of Space?

This poster examines the arguments for and against protecting the "Green Belt" land surrounding large cities in England.

008. Sarah Berholtz, Joe Fioti, Derek Ptashinski.

Newton's Laws of Motion Applied to Automobiles

An analysis of Isaac Newton's three laws of motion and how they apply to automobiles.

009. Kyle Besecker.

How to Train Your Dragon

A look into the movie How to Train Your Dragon. The cinematography, mise-en-scene, editing, and sound.

010. Kyle Besecker, Max Dzugan.

Mousetrap Car: Sustaining Energy

How a mousetrap car uses energy and how friction affects it.

011. Connor Beyer.

Star Wars Attack of the Clones

A redesigned movie poster for Star Wars Attack of the Clones.

012. Connor Beyer.

The Psychology of Altruism

A look into people and altruism within them.

013. Sandon Birch.

Bohemian Rhapsody

My poster goes over the components that went into the making of the new hit movie Bohemian Rhapsody.

014. Sandon Birch, Michael Stuert, Eric Yanalis, Donovan Gaffney, Marc Kolendowicz.

Why Do Slinky's Work?

In our poster we describe 2 different physics tricks involving the slinky. One being the physics of dropping a stretched out slinky and two being how it can "walk down the stairs".

015. Emma Brieling.

Avengers: Infinity War

Avengers: Infinity War released on April 27th, 2018, and it has been one of the most talked about movies since. This movie paved the way for Marvel's newest addition to the MCU (Marvel Cinematic Universe) and one of the most anticipated Marvel movies being released on April 26th, 2019, Avengers: Endgame. In my poster, I go more in depth about the Major Conventions, Performances, Editing and more in Avengers: Infinity War.

016. Emily Brzozowski, Ayden Yoder, Claire Hamilton, Kaitlyn Kozick.

Kinetic and Potential Energy in a Marble Rollercoaster

Testing the kinetic and potential energy in a marble rollercoaster

017. Kelsey Butco.

Choice Overload, Social Media, Dating

This poster is about how the social psychology topic of choice overload is affected by social media and how those two subjects affect dating in today's society. It covers why options are positive vs. why they are negative, along with what happens when one has too many options.

018. Danielle Caputo.

The Social Media Generation: How Growing Up Online is Affecting Today's Youth

Children who have grown up alongside the advancement of the internet are being faced with a unique issue that previous generations have not had to deal with. While it is undeniable that the advent of social media has made staying connected with people easier than ever before, many seem to overlook the fact that growing up with easy access to such a vast database of information has influenced the development and quality of life for their children.

019. Jordan Choman.

The Truth Behind Amazons Working Conditions

The largest company in the world may have over three hundred million customers, and worth over a trillion dollars but the way they treat their staff will shock you. The low pay, the dangerous environments, and long, stressful work days are things you heard about in the past with sweat shops, but it is clear they are still around today.

020. Jordan A Choman.

Black Panther

Black Panther is one of the top grossing superhero movies of all time. I wanted to give an updated movie poster that includes a list of the awards the movie has won, along with key information like the writer, director, composer, and main actors.

021. Steven Coley.

Psychology of Cyberbullying - Why are People so Mean Online?

Analysis of why people are more prone to cyberbullying and the psychological reasons behind it.

022. Zachary Conway.

Sylvia Plath's Smiling, Agitated Depression

A more in depth look about Sylvia Plath's struggles with Smiling and Agitated Depression, that led to her death.

023. Clairmanine Curtis.

How does LGBTQ Develop an Identity in a Heteronormality Country ?

How do we identify ourselves, in a country that being with the same sex is not normal?

024. Kate Dalrymple.

The Great Gatsby

A poster dedicated to highlighting key features in the 2013 adaptation film, The Great Gatsby.

025. Kate Dalrymple.

Should Labeling Genders on a Birth Certificate be a Mandatory Practice when the Child is Born?

This poster describes different laws, as well as, child development in relation to gender stigmas.

026. Courtney Day, Ashley Herceg.

Using the Environment to Save the Environment; Mr.TrashWheel

For decades, people have carelessly thrown trash on the ground instead of trash cans or recycling bins. For this area in Baltimore, when it rains, the water carries trash down storm drains and streams. This creates chaos in the environment with pollution and possible hazardous material. With this over flow of trash coming down the streams into the harbor, John Kellett had enough

027. Courtney Day, Ashley Herceg, Tanner Williams, Kyle Katra.

The Physics Behind the Mechanical Bird

Travel by air flight was the creation of the century. Over the years the technology has advanced to where we are today. There are many important parts that go into making a plane fly, and why. This presentation will give thoroughly explain all major details.

028. Lindsey DeLazzari.

Should The United States Change It's Gun Laws

This presentation contains information about the gun laws in the United Kingdom and The United States. This information is used to spark a debate on whether the United States should follow the United Kingdoms lead when it comes to stricter gun laws.

029. Ryan Dourand.

Film Poster Exhibit: Harry Potter & The Deathly Hallows Part 1.

This poster provides an interesting reinterpretation of the film in the form of a movie poster and delves into what makes Harry Potter and The Deathly Hallows Part 1 a remarkable and groundbreaking film.

030. Darielis Duarte.

What is the correlation between viewing sexual violence in the media and acting out with sexual violence?

This poster will discuss how portraying sexual violence in the media can influence sexual assault and the ways of trying to prevent the rates of sexual violence crimes such as domestic violence and rape.

031. James Farrell.

Ready Player One

My presentation discusses the 2018 film Ready Player One and what elements the movie uses to portray the heavily scaled ideas of director Steven Spielberg. Based on the 2011 science fiction novel of the same name by Ernest Cline, Spielberg sought out to take a novel filled with wonder and endless possibilities and show what the expansive world of the OASIS beholds. The virtual world of the OASIS is unlike anything that anyone could ever imagine, with elements from pop culture scattered throughout the film just waiting to be spotted by audiences and drive a sense of nostalgia through the minds of those watching.

032. Joseph Fioti.

The Morality of the Death Penalty

This poster explores the process of being properly executed by the state, and observes how people feel about this process. Public sentiment is explored by state residence as well as political party.

033. Pablo Franco Almonte.

Interdimensional Love

A poster that tries to visualize an idea that the movie Interstellar presents.

034. Paris Gavin, John Armstead.

The Matrix

A research poster on different aspects of the movie "The Matrix".

035. Paris Gavin.

Protests vs. Riots (Group Influence)

Research on what group influence's cause people to become violent or non-violent during political protests

036. Kaci Grabowski.

Coraline by Kaci Grabowski

Original Design of a Movie Poster for Coraline including background information on key elements of the art, history, and production of the film.

037. Kyle Gurzynski.

What is the Relationship Between Brand Priming and Customer Behavior?

Describes research related to the impact of brand priming on society

038. Nickolas Guzzo, Kyle Besecker.

Climate Change: The Man-made Global Disaster

A shown process of how to help prevent the greatest threat to humanity's future.

039. Claire Hamilton.

Jurassic Park

Jurassic Park . . . a full-length feature that lights up the imagination using CGI to bring dinosaurs and humans together in an adventure that will not disappoint!

040. Ashley Herceg.

Does Social Media Enhance Leon Festinger's Social Comparison Theory?

Social Comparison Theory is the comparison between oneself and others that impacts our behavior. Social Media allows us to quickly see and view the lives of those around us. Most of the time we only see the glamour shots and not the behind-the-scenes action. Does this give more opportunity for people to compare themselves to others? And if so how does it affect their behavior?

041. Brian Hoskins.

Poster Presentation for Split

A film poster for the film Split. This is for comm-150.

042. Noah Howe, John Chapman, Thomas McCormick.

Repackaging Content From Video Game Companies!

We researched video game companies with taking a survey that compared the graphics of video games from different games. Some of the researched showed that some games were easier to tell the difference in graphics but others were not as noticeable. We analyzed certain companies that were ideal game companies that repackage content. Specifically we used Call of Duty, Madden, and Mario kart and see if people could tell the difference between the different games.

043. Noah Howe, Colin Kultys, Omar Siam, Mahdee Abuelhawa, Kent Wilkinson.

The Ups and Downs of Physics

We analyzed the physics of a ball in motion from a person throwing it up to it going back down. We included components of velocity and acceleration and described how they change throughout the process.

044. Susan Huey.

London has Solutions to Homelessness that can be Applied to the United States

London has solutions to homelessness that is different from the United States. These solutions can be applied to the United States, however that would require change from the United States.

045. Susan Huey.

The Blair Family Nail Mystery...Continued

Last year in attempt to solve a family mystery about a nail mutation that is carried through the family research into the family tree and genetic testing was done, few answers were found. This year in another attempt to solve the mystery once and for all a look into the genetics and research that has been done on nail disorders might just provide the answers.

046. Mike Jola.

Training Day

Talks about the different aspects of the movie Training Day

047. Joseph June, Tanner Williams.

How to Dig In

Trench warfare was engineered to maximize defensive holdings on the battlefield. Many scholars describe this warfare as "battles for inches." This type of warfare resulted in millions of lives lost during this great conflict of World War I.

048. Derek Kamus, Kevin Kelly, Carl Pisack, Nicholas Lawler, Raymond Laurer.

Physics of a Bullet

project about the physics of a bullet

049. Ryan Kelly, Max Gordon, Ezra Judge, Michael Elko.

Nuclear Missiles Process Description

This project outlines the process used to launch nuclear missiles as well as the effects of these weapons both locally and globally after usage.

050. Jason Kepner.

Happy Gilmore

In a heart wrenching romantic comedy about a wannabe hockey player named Happy Gilmore, Happy must play golf to raise enough money to buy back his Grandmother's house after it was taken by the government. Throughout the film, Adam Sandler's persona does an excellent job of shaking up the world of golf and creating a hysterically funny solution to a rather upsetting problem, all while stealing the hearts of Americans all over.

051. Luke Kepner.

The Good, the Bad and the Ugly

Original movie poster for the film, "The Good, the Bad and the Ugly". The poster explores significant details about the movie and its production. Poster for COMM 150.

052. Marc Kolendowicz.

Love Actually

This poster describes the film "Love Actually", and the conventions used in it. It also shows where the film was showed around the world.

053. Tyler Kotch, Tyler Wozniak.

Cross Valley Replacement Bridge

A hypothetical proposition for a new bridge over the Susquehanna River on the North Cross Valley Expressway.

054. Tyler Kozlowski.

Surveillance In The United States And How It violates Human Rights

This poster is about how the United States is violating our human right to privacy via spying and hacking. It shows that we need to be aware of this issue today.

055. Kyle Krushinski, Christinia Perles.

Privacy and Ethical challenges to Using DNA from Genealogy Biobanks and Databases to Fight Crime

You probably wouldn't hand out your social security number without having a pretty good idea of how that information was going to be used. That would be dumb. It's extremely sensitive information. And yet, the consumer genetic testing market is booming thanks to people readily giving up another piece of their identity: their genetic code.

We think we're giving our DNA to find out more about ourselves and where we come from. It's important we all know what we are signing up for.

056. Edward Kupstas.

Different Types of Media and Drug Use

A look at different types of media and their influence on drug use.

057. Brandon La Verne, Jonathan Mason, Scott Roper.

College students perception of law enforcement

College students perceptions of law enforcement.

058. Mya LaMaster.

The Significance of Churchill's War Rooms

This poster talks about the history behind the War Rooms and their location, along with important operations that were planned from them and how they affected the War.

059. Anthony LaTorre, Emily Eden.

American Gothic Elements in Johnny Panic and the Bible of Dreams

In this poster we explore the Gothic themes in Johnny Panic and the Bible of Dreams, written by Sylvia Plath.

060. Emily Lencoski.

The Difference Between UK and US Architectural Preservation

A comparison and discussion about the differences between UK and US architectural preservation.

061. Claudia Leu.

The Crown

The Crown gives insight into the changing role of the British Monarchy throughout time and how they have transitioned from a powerful empire to a corporate brand, an icon, leading the nation in what is fashionable.

062. Claudia Leu, Gregory Ellsworth, Gerald Rusek, Joseph Stretch.

The Medieval Trebuchet

This warfare device, used throughout the Middle Age, demonstrates the laws of physics. The success of this device strongly depends on centripetal force and mechanical advantage to achieve maximum range during projectile motion.

063. Emily Madsen.

Leon: The Professional

A movie poster for the COMM150N course.

064. Jake Malia.

Inception

Comm 150 poster

065. Kady Mamola.

Tracking Apps Within Saudi Arabia

My poster is about Saudi Arabian men having control over women and why.

066. Destiny Mast, Morgan Korba, Mariana Cepeda.

Human Embryonic Process

Learn about the human embryonic process!

067. Destiny Mast.

Reproductive Rights

Find out how limiting reproductive rights violate human rights.

068. Robert Mastropole.

Scarface

1983 hit movie directed by Brian De Palma. We follow Cuban immigrant Tony Montana on his prominent rise and fall in pursuit of the American Dream.

069. Alia Mazzatosta, Elizabeth Bartuska, Natalie Gruver.

Decomposition of Coral Reefs

This poster examines the process of coral reef bleaching, threats to reefs, and the importance of reefs as a whole.

070. Lisa McDonough.

The Greatest Showman

Film analysis and poster for COMM 150N.

071. Sarah McHale, Hunter Kraklio, Pablo Franco, Syndia Perez, Braedon Stickler.

Perpetual Motion Machines: Why Wouldn't They Work?

Our project focused on the physics of Perpetual Motion Machines, more specifically, why they would never be able to one-hundred percent work. Our research was done on; the Laws of Thermodynamics, the transfer of heat in systems, and identifying the qualities of a perpetual motion machine.

072. Jahquan McIntosh.

Sylvia Plath - Her Upbringing and Its Effect on Her Mental Health

Poster aims to inform the readers about Sylvia's writings and what happened during Sylvia's life to impact them.

073. Amber Miller.

What is the Correlation between Violent Video Games and Violent Behavior?

Analyzing the effects video games has on people, and the different effects for different people.

074. Zachary Nichols, Hunter Krzywicki.

The Process of Wildlife Conservation

As more & more species become endangered and extinct, the issue of preserving and protecting Earth's wildlife gains increasingly more awareness. This poster aims to summarize the major problems, solutions, and impacts of wildlife conservation efforts across the world, in a process overview.

075. Thad Nosar, Troy Bickmann.

Preparing for the Job Process

This project is based on real life applications of how you should go about acquiring a job. The application process can be complicated and overwhelming. With this poster we hope to give insight on what to do to prepare for your future.

076. Tyler Olenik.

Gucci: The Director

This project is about the film produced by Christina A. Voros and is about the last few moments of the director for Gucci's career.

077. Justin Ostopick, Jacob Roberts, Thomas Piatt, Tom Berry.

Forces of a Trebuchet

It describes the forces of a trebuchet.

078. Samantha Pareago, Miranda Warner.

How the Cane Toads Overthrew Australia

The process of how Cane Toads became an invasive species in Australia.

079. Kashyap Patel, Kent Wilkinson.

Reconstruction of US Court House

The United States Court of Appeals project, was built in 1975 on 601 market street, Philadelphia, PA. The Courthouse is part of the largest federal complex in Philadelphia, with 1.7 million gross square feet. Considerations about the surveying of the boundary and construction stakeout of the reinforced concrete high-rise buildings will be discussed in this paper. Including preliminary planning, boundary surveying, GNSS observation, terrestrial robotic total station traversing and stakeout.

080. Syndia Perez.

Climate Change: The Fault in Our Stars

How some people, especially younger people feel about what's going on in our world.

081. Thomas Piatt.

Pacific Rim Uprising

Movie poster for Pacific Rim Uprising

082. Vedant Prasad.

To Build or Not to Build (3rd Heathrow Runway), That is the Question

A look into the debate of whether or not to add another runway to London's Heathrow Airport, one of the busiest in the world.

083. Sierra Quintana-Hill.

How do protests shape society?

This project looks into how protests shape our society from various different lenses and gives current examples of protests that have made a change in our society.

084. John Richards, Brian Devine, David Lewis, Michael McGlynn, Kevin Peters.

Technical Information Portable Server a.k.a T.I.P.S.

a standalone server used at events where there is no internet connectivity.

085. Shay Toner.

Polystyrene Digesting Microbes in the Gut of Mealworms

Polystyrene Digesting Microbes in the Gut of Mealworms

086. Armando Rodriguez.

Predators 2010

Film poster project for COMM 150. This one is based on the 2010 film Predators.

087. Marissa Rossi, Vedant Prasad, Hunter Shillingburg, Matthew Magnotta, Alijah Chamberlain.

Kinematics Using A Railgun

Showing kinematics through the use of a Railgun.

088. Marissa Rossi.

Are you in a cult?

Taking a social psychological analysis of Donald Trump and his supporters and comparing them to various cults.

089. Alixsandria Rovinski.

Beauty and the Beast

My poster is about a classic fairytale love story, The Beauty and the Beast. This is the live-action version that Disney came out with in March of 2017 and it's starring Emma Watson and Dan Stevens.

090. Sehora Rowles.

Human Trafficking Within the United States

This poster goes into detail about the targets of human trafficking, what they go through, and how their lives are drastically changed afterward. It also compares the real thing to what we see in the media.

091. Erin Scafella, Emily Lencoski.

Does Gender Influence the Way Parents Talk to Their Children About Sexual Health/Assault Topics?

This research examines prior literature about sexual health/assault topics and the relationship that gender has regarding how parents talk to their children about it. We conduct our own study of this topic using students on the Penn State Wilkes-Barre campus as our sample. We provide some statistical data and report our findings and how what we have found contributes to current literature.

092. Joseph Schmid.

The Loss of the Self: What Causes Group Protests to Turn Violent?

My goal with my poster was to describe what causes riots from a psychology perspective, the stages a riot takes and what things, if possible, can be done to prevent them.

093. Madison Severcool.

Sylvia Plath's Depression

This is a brief description of who Sylvia Plath is, what is depression, what her depression looked like, and how her depression influenced her writing, specifically in her short story Johnny Panic and the Bible of Dreams.

094. Jennifer Sgroi.

The Perception of Mental Illness in Women through Sylvia Plath

An investigation into the the life of Sylvia Plath and how mental illness was treated and perceived during her time as opposed to present day treatment and perception.

095. Johnathan Shea.

Penn State Wilkes Barre Blue Screen Mobile

The development and implementation of a progressive web application to present Penn State Wilkes-Barre's Blue Screen and Class Cancellation messages to all students in one easy to use program.

096. Asher Smart.

The Sylvia Plath Effect

Sylvia Plath was a poet known for her Gothic- themed stories. She infamously committed suicide through carbon monoxide poisoning. "The Sylvia Effect" was named after her, stating that poets are more likely to have a mental illness than other occupations.

097. Asher Smart.

Artificial Intellifence: The Bias in the Code

Artificial Intelligence is a new and promising technology that will change the world. As revolutionizing as it is, it exhibits bias in certain cases. It is possible to eliminate these biases and change the future.

098. Morgan Smith.

Punch-Drunk Love

For my poster, I chose to cover Punch-Drunk Love because it is one of my all time favorite movies due to its cinematography and interesting plot.

099. Morgan Smith.

Maus: A Survivors Tale

I chose to create a poster regarding human rights in the graphic novel, Maus.

100. Courtney Snow.

How Could History Ignore Lesbians for So Long?

Erasure of lesbians in history, using Europe as an example.

101. Richard Sott.

Priming Sings Volumes

My project is about how priming effects the music industry

102. Levaugn Soules.

How the Laws of Attraction influence ans affect social media

The affects of photo manipulation

103. Braedon Stickler.

Autonomous Killing Machines and Ethical Warfare

Introduces the Autonomous Machine into warfare and explores the ethic and human rights problems it creates.

104. Elizabeth Sulkowski.

The Effect of Celebrities on Our Young Voter Demographic

Research on how celebrities affect voter emotion as well as impact young voters in terms of political party affiliation as well as presidential candidate choice.

105. Cassandra Swingle.

How has persuasion affected the way people have perceived the link between vaccines and Autism?

I did my research on the link between vaccines and Autism, and how easily persuaded people are to either side of this debate.

106. Matthew Turco.

Past vs Present Treatment

A brief overview of past and present treatments

107. Dillon Wilbur.

Be careful of a bad trip!

I explore the the demonization of psychedelic substances, the effects it has had on the substance, and the medicinal properties of them.

108. Daniel Williams, Ian Warunek, Joe Motovidlak, Ian Wolfkiel.

The Creation of Artificial Intelligence

Our team, did research into the creation into Artificial Intelligence, it's future applications, and how it is being used today.

109. EJ Wirth.

Titanic

Explore behind the scenes of an iconic romance aboard one of the greatest maritime tragedies in history!

110. Tyler Wozniak, Brian Springer, Greg Ellsworth.

Process Description of a Boundary Survey

It is a description of a boundary survey.

111. Paul Zablotney.

How Does the Media Convince an Audience to Accept Their Beliefs

In my poster I discuss how the media will manipulate the audience so that they join their side even if it means they are lying. The example I used was the boy in the MAGA hat and the Native American man.

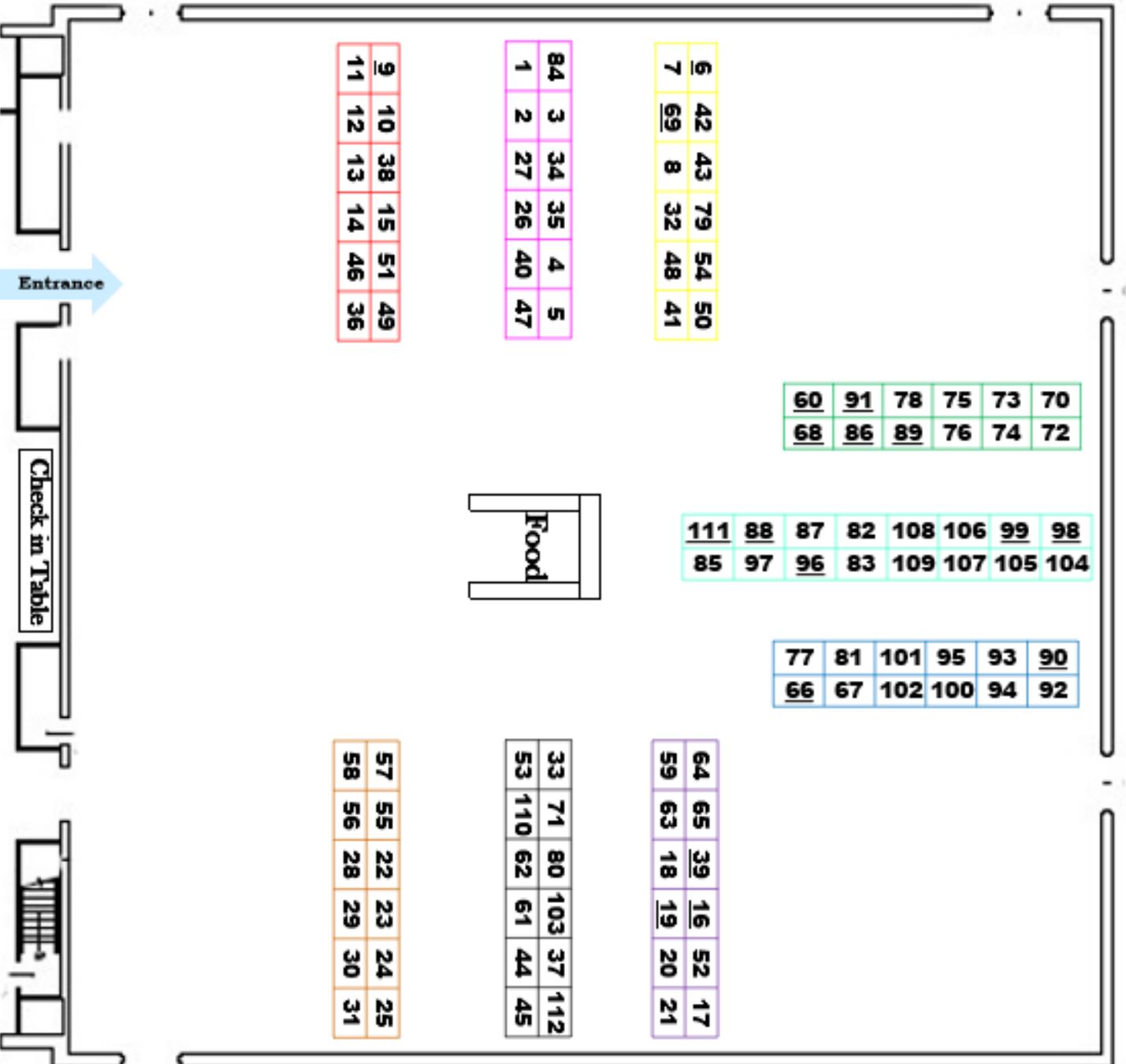
112. Kyle Zern, Zack Minarik, Kyle Gurzynski.

The Science of Skis

We examined and researched the forces that skis undergo and how they affect the skis ability to move and turn while controlled by an effective skier.



P o s t e r



P o s t e r

