

WILLIAM PATERSON UNIVERSITY



HONORS RESEARCH WEEK 2022

in conjunction with
EXPLORATIONS 2022

Research, Scholarship, and Creative Expression

SCHEDULE AT A GLANCE

MONDAY, APRIL 25 — UC 168 A/B

9:00 A.M. — 11:00 A.M. AND 2:00 — 5:00 P.M.

Presentations by students in the Honors Nursing Track

7:00 — 9:00 P.M. — LIBRARY AUDITORIUM

Presentations by students in the
Honors Performing and Literary Arts Track
(Reception to follow)

TUESDAY, APRIL 26 — UC 168 A/B

11:00 A.M. — 1:00 P.M. AND 2:15 — 5:15 PM

Presentations by students in the following Honors Tracks:
Biology and Clinical Psychology and Neuropsychology

7:00 — 9:00 P.M. — LIBRARY AUDITORIUM

Presentations by students in the
Honors Performing and Literary Arts Track
(Reception to follow)

WEDNESDAY, APRIL 27 — UC 168 A/B

11:00 A.M. — 1:45 P.M. AND 3:00 — 5:00 P.M.

Presentations by students in the following Honors Tracks:
Business, Cognitive Science, and Independent

THURSDAY, APRIL 28 — UC 168 A/B

11:00 A.M. — 3:30 P.M.

Presentations by students in the following Honors Tracks:
Social Sciences and Global Public Health

FRIDAY, APRIL 29 — UC 168 A/B

10:30 A.M. — 2:45 P.M.

Presentations by students in the following Honors Tracks:
Music and Humanities

ABOUT HONORS RESEARCH WEEK AND EXPLORATIONS 2022

Each spring, the Honors College showcases the work of students who are completing one of the Honors College tracks, and recognizes the faculty and staff members who have contributed to their success. Congratulations to all of the outstanding individuals who are participating in Honors Research Week/Explorations 2022!

WILLIAM PATERSON UNIVERSITY

Richard Helldobler
University President

Joshua Powers
Provost and Senior Vice President
for Academic Affairs

Barbara Andrew
Honors College Dean

UNIVERSITY HONORS COLLEGE

Raubinger 154
300 Pompton Road
Wayne, New Jersey
honors@wpunj.edu
www.wpunj.edu/honors



MONDAY, 4/25 - UC 168 A/B			TUESDAY, 4/26 - UC 168 A/B		
9:00	Emily Baldarrago	NUR	11:00	Isaac Lobo	BIO
9:15	Stephany Bolanos	NUR	11:15	Alvin Cherian	BIO
9:30	Mackenzie DiBella	NUR	11:30	Nikki Gaffney	BIO
9:45	Imani Anderson	NUR	11:45	Cameron Litterini	BIO
10:00	Abigail Campbell	NUR	12:00	Anthony Navarrete	BIO
10:15	Olivia Clifford	NUR	12:15	Gabrielle Popencuk	BIO
10:30	Stephanie El-Khoury	NUR	12:30	Emir Shahin	BIO
10:45	Karen Jankowitz	PBHL	12:45-2:00 - BREAK		
11:00-2:00 - BREAK			2:00	Alexander Vlietstra	CP
2:00	Sara Graham	NUR	2:15	Skylar Catania	CP
2:15	Taylor Grayson	NUR	2:30	Yeasmin Ali	CP
2:30	Ju Hyung Heo	NUR	2:45	Rebecca Annunziata	CP
2:45	Chloe Kasbarian	NUR	3:00	Aleema Baksh	CP
3:00	Nasima Khatun	NUR	3:15	Sarah Bayer	CP
3:15 - 3:30 - BREAK			3:30	Stamatios Myriagkos	CP
3:30	Syeda Nahar	NUR	3:45	Gabrielle Pierre	CP
3:45	Ayah Omar	NUR	4:00 - 4:15 - BREAK		
4:00	Paige Romano	NUR	4:15	Alyssa Sasso	CP
4:15	Yaeli Rothschild	NUR	4:30	Kayla Vashey	CP
4:30	Michaela Stanton	NUR	4:45	Jeneen Suiafan	CP
4:45	Collette Timms	NUR	5:00	Nicole Cherbakova	CP
5:00	Meghan Vogelaar	NUR			

Performing and Literary Arts Track Monday, April 25 - 7:00 - 9:00 p.m. Library Auditorium
1. Iris Nicole Anddal
2. Chloe Borthwick
3. Patrick Gannon
4. Angel Branch
5. Griffin Fink
6. Jae Wilson
7. Indrojit Chatterjee
8. Ashley Burrows
9. Khyriyyah Abdul-Haqq
10. Matthew Holmes
11. Adam Kneebone
<i>Reception to Follow in Friends' Lounge</i>

Performing and Literary Arts Track Tuesday, April 26 - 7:00 - 9:00 p.m. Library Auditorium
Library Auditorium
1. Alberto Oliart
2. Jonathan Gittings
3. Ethan Schwartz
4. Caryn Miller
5. Ryan Shinall and Caelan Cardello
6. Anthony Finnen
7. Griffin Ross
8. Hunter Long
9. Peter Bansuck
<i>Reception to Follow in Friends' Lounge</i>



WEDNESDAY, 4/27 - UC 168 A/B			THURSDAY, 4/28 - UC 168 A/B			FRIDAY, 4/29 - UC 168 A/B		
11:15	Gerard Dimayuga	BU	11:00	Trey Pisano	SSH	10:30	Isabella Cacciottolo	MUS
11:30	Yasmeen Ghalyeh	BU	11:15	Vincent Acquavella	SSH	10:45	Hodo Ismail	MUS
11:45	Edgar Jovel	BU	11:30	Jake Bejarano	SSH	11:00	Janais Martinez	MUS
12:00	Megan Kwiecien	BU	11:45	Shawn Gaffney	SSH	11:15	Brenna Moran	MUS
12:15	Lauren Naveo	BU	12:00	Elijah Miller	SSH	11:30-12:00 - BREAK		
12:30 - 12:45 - BREAK			12:15-1:00 - BREAK			12:00	Keleen Ashmead	HUM
12:45	Cassidy Pressutto	BU	1:00	Nicole Stack	PBHL	12:15	Dillon Conroy	HUM
1:00	Zachary Tanis	BU	1:15	Bhavya Yalamanchili	PBHL	12:30	Tekoa Criddell	HUM
1:15	Alexander Velasco	BU	1:30	Stephanie Waters	PBHL	12:45	Hennesse Decker	HUM
1:30	Brian Wheeler	BU	1:45	Alicia Mitchell	PBHL	1:00 - 1:15 - BREAK		
1:45 - 3:00 - BREAK			2:00 - 2:15 - BREAK			1:15	Amirah Elayan	HUM
3:00	Lauren Gonzalez	CGSI	2:15	Julianna McVeigh	PBHL	1:30	Jacquelyn Kievit	HUM
3:15	Megan Hoopes	CGSI	2:30	Janelle Alfred	PBHL	1:45	Nathan Reilly	HUM
3:30	Victoria Perloth	CGSI	2:45	Alexis Bennett	PBHL	2:00	Tara Weniger	HUM
3:45	Sebastian Rivera	CGSI	3:00	Taylor Giovatto	PBHL	2:15	Alex Swetlitschnyj	HUM
4:00 - 4:15 - BREAK			3:15	Shaina Lacap	PBHL	2:30	Joseph Paolantino	HUM
4:15	Caitlin Monahan	CGSI						
4:30	Jada Sanders	CGSI						
4:45	Abigail Viola	IND						

KEY	
NUR	Nursing
BIO	Biology
CP	Clinical Psychology and Neuropsychology
BU	Business
CGSI	Cognitive Science
SSH	Social Sciences
PBHL	Global Public Health
MUS	Music
HUM	Humanities
IND	Independent

— TRACK DIRECTORS —

Dr. Barbara Andrew
Independent

Dr. Bruce Diamond
Clinical Psychology and Neuropsychology

Dr. Lauren Fowler-Calisto
Music

Dr. Neil Kressel
Social Sciences

Dr. Amy Learmonth
Cognitive Science

Dr. Jill Nocella
Nursing

Dr. K. Molly O'Donnell
Humanities

Dr. Joseph Spagna
Biology

Dr. Marianne Sullivan
Global Public Health

Dr. Martha Witt
Performing and Literary Arts

Dr. Ge Zhang
Business

**WILLIAM PATERSON UNIVERSITY
HONORS COLLEGE**

Barbara Andrew
Dean

Jan Pinkston
Associate Director

West Moss
Academic Programs Specialist

Brielle Eisler
Graduate Assistant

Julianna McVeigh
Student Intern

Jessica Momanyi
Student Assistant

Rebecca Gilliland
Student Assistant/Peer Leader



KHYRIYYAH ABDUL-HAQQ
Honors Track: Performing & Literary Arts
Major: Earth Science
Minor: Music
Thesis Title: *Horror Tarot Cards*
Thesis Advisors: Dr. Philip Cioffari and Dr. Martha Witt



REBECCA ANNUNZIATA
Honors Track: Clinical Psychology and Neuropsychology
Major: Psychology
Minor: Art Studio
Thesis Title: *The Impact of Mindfulness on Anxiety*
Thesis Advisor: Dr. Bruce Diamond



VINCENT ACQUAVELLA
Honors Track: Social Sciences
Major: Communication – Media Studies
Thesis Title: *Students' Reflection on Vietnam Protest Music*
Thesis Advisor: Dr. Neil Kressel



KELEEN ASHMEAD
Honors Track: Humanities
Major: Psychology
Minor: Sociology
Thesis Title: *Dating and Social Media: An Informal Study*
Thesis Advisor: Dr. K. Molly O'Donnell



JANELLE ALFRED
Honors Track: Global Public Health
Major: Public Health
Thesis Title: *A Scoping Review of Interventions Designed for Children Exposed to Domestic Violence*
Thesis Advisor: Dr. Marianne Sullivan



ALEEMA BAKSH
Honors Track: Clinical Psychology and Neuropsychology
Major: Criminology & Criminal Justice
Thesis Title: *Effectiveness of Psychological Interventions in Reducing Recidivism among Convicted Offenders*
Thesis Advisor: Dr. Bruce Diamond



YEASMIN ALI
Honors Track: Clinical Psychology and Neuropsychology
Major: Psychology
Minor: Disability Studies
Thesis Title: *The Influence of Cultural and Societal Norms on Beauty and Body Standards among South Asians*
Thesis Advisor: Dr. Bruce Diamond



EMILY BALDARRAGO
Honors Track: Nursing
Major: Nursing
Thesis Title: *The Benefits of Bilingual Healthcare Workers*
Thesis Advisor: Dr. Jill Nocella



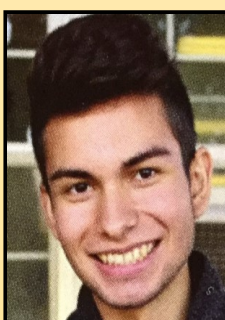
IRIS NICOLE ANDAL
Honors Track: Performing & Literary Arts
Major: Nursing
Thesis Title: *"Lovers into Lessons": A Concept Album on Love, Loss, and Light*
Thesis Advisors: Dr. Philip Cioffari and Dr. Martha Witt



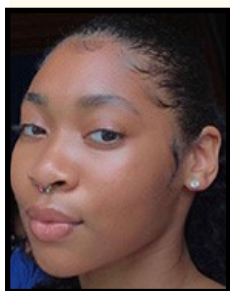
SARAH BAYER
Honors Track: Clinical Psychology and Neuropsychology
Major: Psychology
Thesis Title: *The Role of Trauma and Memory Suppression and Its Treatments*
Thesis Advisor: Dr. Diamond



IMANI ANDERSON
Honors Track: Nursing
Major: Nursing
Thesis Title: *The Long-Term Effects of Maternal Postpartum Depression on Family Well-Being: An Integrative Review*
Thesis Advisor: Dr. Jill Nocella



JAKE BEJARANO
Honors Track: Social Sciences
Major: Psychology
Thesis Title: *The Psychology of the "Like" Button*
Thesis Advisor: Dr. Neil Kressel



ALEXIS BENNETT

Honors Track: Global Public Health

Major : Management

Thesis Title: *The Role of Intergenerational Trauma in Risk Factors and Health Outcomes of African Americans: An Analysis of the Public Health Literature*

Thesis Advisor: Dr. Marianne Sullivan



ISABELLA CACCIOTTOLO

Honors Track: Music

Major: Classical Performance – Voice

Minor: Piano

Thesis Title: *Educational Improvements for Young Singers*

Thesis Advisors: Dr. Christopher Herbert and Dr. Lauren Fowler-Calisto



ELLIOT BERNARD

Honors Track: Performing & Literary Arts

Major: Music (Jazz Piano Performance)

Thesis Title: *A Study in Orchestration and Rhythm of Art Tatum*

Thesis Advisors: Dr. Philip Cioffari and Dr. Martha Witt



ABIGAIL CAMPBELL

Honors Track: Nursing

Major: Nursing

Thesis Title: *The Relationship Between Chronic Stress, Coping Mechanisms, and Compassion Fatigue in Direct Care Nursing: An Integrative Review of the Literature*

Thesis Advisor: Dr. Jill Nocella



STEPHANY BOLANOS

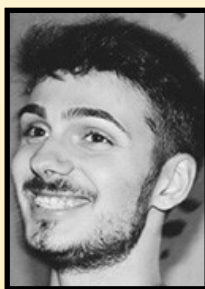
Honors Track: Nursing

Major: Nursing

Minor: Psychology

Thesis Title: *Assessing the Knowledge and Attitudes of Undergraduate Nursing Students towards Providing LGBTQ+ Patient Care*

Thesis Advisor: Dr. Jill Nocella



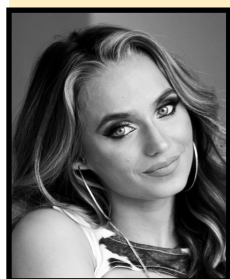
CAELAN CARDELLO

Honors Track: Performing & Literary Arts

Major: Jazz Piano Performance

Thesis Title: *Explorations in Sound – A Jazz Suite*

Thesis Advisors: Dr. Philip Cioffari and Dr. Martha Witt



CHLOE BORTHWICK

Honors Track: Performing & Literary Arts

Major: Jazz Voice

Minor: Classical Oboe

Thesis Title: *“Abstract as Song”- Self Made EP*

Thesis Advisors: Dr. Philip Cioffari and Dr. Martha Witt



SARA CARLSON

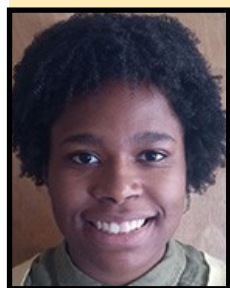
Honors Track: Performing & Literary Arts

Majors: Psychology and Sociology

Minor: Criminal Justice

Thesis Title: *Home*

Thesis Advisors: Dr. Philip Cioffari and Dr. Martha Witt



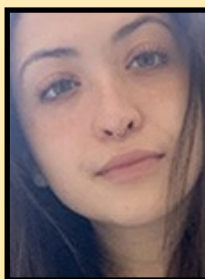
ANGEL BRANCH

Honors Track: Performing & Literary Arts

Major: Fine Arts

Thesis Title: *Paranormal Investigations: The Formerly Untitled Comic Book*

Thesis Advisors: Dr. Philip Cioffari and Dr. Martha Witt



SKYLAR CANTANIA

Honors Track: Clinical Psychology and Neuropsychology

Majors: Psychology and Sociology with a concentration in social services

Thesis Title: *The Impact of Pet Therapy on Anxiety and Stress*

Thesis Advisor: Dr. Bruce Diamond



ASHLEY BURROWS

Honors Track: Performing & Literary Arts

Major: Communication (Theatre and Comedy)

Thesis Title: *The Conundrum Crew and the College Creeper*

Thesis Advisors: Dr. Philip Cioffari and Dr. Martha Witt



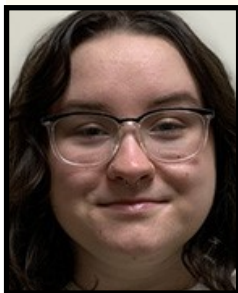
INDROJIT CHATTERJEE

Honors Track: Performing & Literary Arts

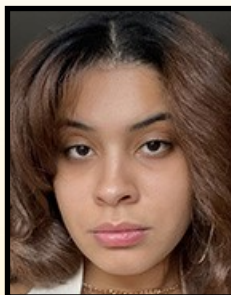
Major: Sound Engineering Arts and Jazz Drumming

Thesis Title: *The Recording, Mixing, and Mastering Process of AM Reflection*

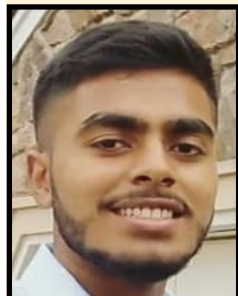
Thesis Advisors: Dr. Philip Cioffari and Dr. Martha Witt



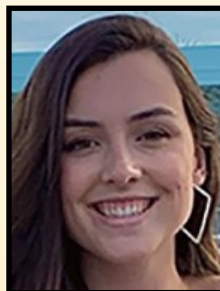
NICOLE CHERBAKOVA
Honors Track: Clinical Psychology and Neuropsychology
Major: Psychology
Minors: Criminology and Criminal Justice
Thesis Title: *Attention-Deficit/Hyperactivity Disorder and Its Impact on Educational and Occupational Attainment and Functioning: A Literature Review*
Thesis Advisor: Dr. Bruce Diamond



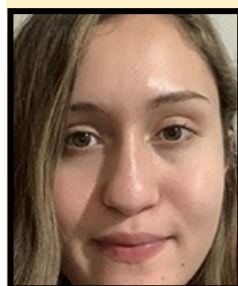
HENNESSE DECKER
Honors Track: Humanities
Major: Women and Gender Studies
Minor: Creative Writing
Thesis Title: *Hennesse's Fitness Journey*
Thesis Advisor: Dr. K. Molly O'Donnell



ALVIN CHERIAN
Honors Track: Biology
Major: Biology
Thesis Title: *Predation in Hololena Holo with Respect to Airborne Prey*
Thesis Advisor: Dr. Joseph Spagna



MACKENZIE DIBELLA
Honors Track: Nursing
Major: Nursing
Thesis Title: *Acupuncture Effect on Women with Fertility Issues Undergoing IVF: A Systematic Review*
Thesis Advisor: Dr. Jill Nocella



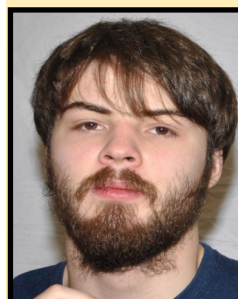
OLIVIA CLIFFORD
Honors Track: Nursing
Major: Nursing
Thesis Title: *Perceived Stressors and Support of Neonatal Nurses during End of Life Care*
Thesis Advisor: Dr. Jill Nocella



GERARD DIMAYUGA
Honors Track: Business
Major: Business Management
Thesis Title: *Young Adults' Attitudes Towards Mobile Marketing*
Thesis Advisors: Dr. Mehmet Turkoz and Dr. Ge Zhang



AMIRAH ELAYAN
Honors Track: Humanities
Major: English (Creative Writing)
Minor: World Literature
Thesis Title: *"Star Valley" a Novel Exploring Identity and Family by Amirah Elayan*
Thesis Advisor: Dr. K. Molly O'Donnell



DILLON CONROY
Honors Track: Humanities
Major: Interdisciplinary Arts
Thesis Title: *Autumn and Apricity*
Thesis Advisor: Dr. K. Molly O'Donnell



STEPHANIE EL-KHOURY
Honors Track: Nursing
Major: Nursing
Minor: Psychology
Thesis Title: *The Effects of Stress on Labor and Delivery Nurses during Deliveries with Adverse Birth Outcomes*
Thesis Advisor: Dr. Jill Nocella



TEKOA CRIDDELL
Honors Track: Humanities
Major: Art Graphic and Interactive Design
Thesis Title: *We Eat First with Our Eyes*
Thesis Advisor: Dr. K. Molly O'Donnell



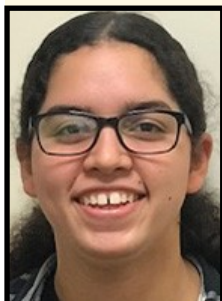
GRIFFIN FINK
Honors Track: Performing & Literary Arts
Major: Sound Engineering Arts and Jazz Studies
Thesis Title: *Modern Minds Meet Sacred Music*
Thesis Advisors: Dr. Philip Cioffari and Dr. Martha Witt



ANTHONY FINNEN
Honors Track: Performing & Literary Arts
Major: Communication – Media Production
Minor: History
Thesis Title: *Student Fortune Adventure*
Thesis Advisors: Dr. Philip Cioffari and Dr. Martha Witt



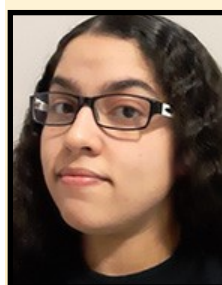
JONATHAN GITTINGS
Honors Track: Performing & Literary Arts
Major: Jazz Education
Thesis Title: *Jazz Album: Using Arranged Jazz Standards and Originals to Create an Album*
Thesis Advisors: Dr. Philip Cioffari and Dr. Martha Witt



NIKKI GAFFNEY
Honors Track: Biology
Major: Biology with a Concentration in Animal Physiology and Behavior
Minors: Art Studio and Ethics
Thesis Title: *Species Distribution Modelling of N. American Agelenid Spiders*
Thesis Advisor: Dr. Joseph Spagna



LAUREN GONZALEZ
Honors Track: Cognitive Science
Major: Secondary Education and English Writing
Minor: Teacher of Students with Dis.
Thesis Title: *Autonomous Sensory Meridian Response (ASMR) in William Paterson University Students*
Thesis Advisor: Dr. Amy Learmonth



SHAWN GAFFNEY
Honors Track: Social Sciences
Majors: Economics and Geography
Minor: Urban Studies
Thesis Title: *The Impact of Gentrification on the Black Community of Philadelphia*
Thesis Advisor: Dr. Neil Kressel



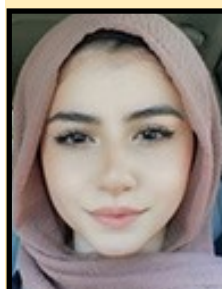
SARA GRAHAM
Honors Track: Nursing
Major: Nursing
Thesis Title: *How Do Nurses Describe the Change in Attitude towards Caring for Dying Patients and Do Nurses Report Feeling That They Could've Been Better Prepared to Care for Dying Patients?*
Thesis Advisor: Dr. Jill Nocella



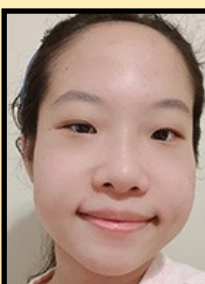
PATRICK GANNON
Honors Track: Performing & Literary Arts
Major: Music and Entertainment Industries, Jazz Performance
Thesis Title: *Pat Gannon Sextet*
Thesis Advisors: Dr. Philip Cioffari and Dr. Martha Witt



TAYLOR GRAYSON
Honors Track: Nursing
Majors: Nursing
Thesis Title: *The Effects of Music Therapy on Pain, Anxiety, and Satisfaction during Labor/Delivery: A Systematic Review of the Literature*
Thesis Advisor: Dr. Jill Nocella



YASMEEN GHALYEH
Honors Track: Business
Major: Marketing, Digital Marketing
Minor: Accounting
Thesis Title: *The Effect of Personality Traits on the Preference for Online Shopping: The Moderating Roles of Brand Trust and Familiarity, Data Protection and Privacy Concerns, and Security Risks*
Thesis Advisors: Dr. Mike Chao and Dr. Ge Zhang



JU HYUNG HEO
Honors Track: Nursing
Major: Nursing
Thesis Title: *The Effect of the COVID-19 Pandemic on the Mental Health of Healthcare Workers: A Systematic Review of the Literature*
Thesis Advisor: Dr. Jill Nocella



TAYLOR GIOVATTO
Honors Track: Global Public Health
Major: Biology, Pre-Med Concentration
Minor: Public Health
Thesis Title: *An Evaluation of Flavored Vaping Device Accessibility at a Local Level within New Jersey*
Thesis Advisor: Dr. Marianne Sullivan



MATTHEW HOLMES
Honors Track: Performing & Literary Arts
Major: Jazz Studies
Thesis Title: *The Music Stylings of Oscar Pettiford– How to Make the Double Bass Sing*
Thesis Advisors: Dr. Philip Cioffari and Dr. Martha Witt



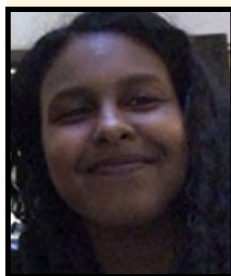
MEGAN HOOPEES

Honors Track: Cognitive Science
Major: Business Management
Minors: Visual Communications and Psychology
Thesis Title: *Are Psychology Professors more Learner-Centered than Business Professors?*
Thesis Advisor: Dr. Amy Learmonth



JACQUELYN KIEVIT

Honors Track: Humanities
Majors: Elementary Education & Geography
Thesis Title: *The Digital Divide in Northern NJ under COVID-19*
Thesis Advisor: Dr. K. Molly O'Donnell



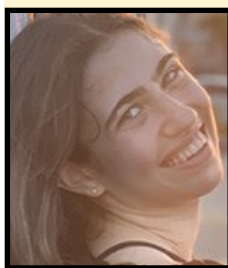
HODO ISMAIL

Honors Track: Music
Major: Classical Sound Engineering Arts; Tenor Saxophone
Thesis Title: *The Psychological Influence on Emotion Through Choice of Music, Instrumentation, and Sound Design in Video Gaming*
Thesis Advisor: Dr. Lauren Fowler-Calisto



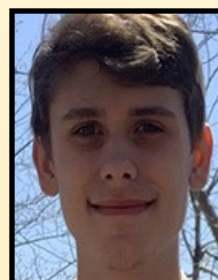
PETER KIM

Honors Track: Performing & Literary Arts
Major: Jazz Studies
Thesis Title: *Point, Line & Plane*
Thesis Advisors: Dr. Philip Cioffari and Dr. Martha Witt



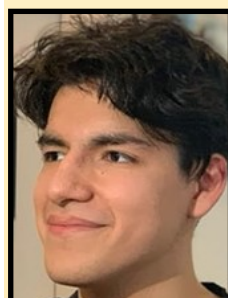
KAREN JANKOWITZ

Honors Track: Global Public Health
Major: Public Health
Minor: Business Administration
Thesis Title: *Unintentional and Intentional Injury in New Jersey*
Thesis Advisor: Dr. Marianne Sullivan



ADAM KNEEBONE

Honors Track: Performing & Literary Arts
Majors: Jazz Studies and BioTechnology
Thesis Title: *Album Kneebone*
Thesis Advisors: Dr. Philip Cioffari and Dr. Martha Witt



EDGAR JOVEL

Honors Track: Business
Majors: Economics
Thesis Title: *Covid-19 and the Effect on U.S. Foreign Direct Investment*
Thesis Advisors: Dr. Priya Nagaraj and Dr. Ge Zhang



MEGAN KWIECIEN

Honors Track: Business
Major: Digital Marketing
Minor: Women & Gender Studies
Thesis Title: *The Effect of Consumer Perceptions and Corporate Social Responsibility*
Thesis Advisors: Dr. Shan Feng and



CHLOE KASBARIAN

Honors Track: Nursing
Major: Nursing
Thesis Title: *Perceived Stress Amongst Undergraduate Nursing Students*
Thesis Advisor: Dr. Jill Nocella



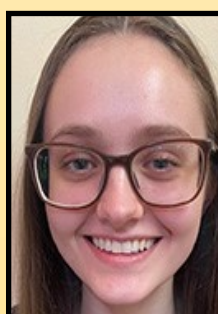
SHAINA LACAP

Honors Track: Global Public Health
Major: Nursing
Thesis Title: *Improving the Public Health Response to Respiratory Disease Outbreaks: Lessons Learned from the COVID-19 Pandemic*
Thesis Advisor: Dr. Marianne Sullivan



NASIMA KHATUN

Honors Track: Nursing
Major: Nursing
Thesis Title: *To Explore the Impact of Teach-Back Method on Teaching Patients Their Discharge Information and Reducing Readmission Rate: An Integrative Review of the Literature*
Thesis Advisor: Dr. Jill Nocella



CAMERON LITTERINI

Honors Track: Biology
Major: Biology
Thesis Title: *Bioinformatic Investigations of Newly Identified cis-AT Polyketide Synthases in the Florida Red Tide Dinoflagellate, Karenia brevis*
Thesis Advisors: Dr. Emily Monroe and Dr. Joseph Spagna



ISAAC LOBO

Honors Track: Biology
Major: Biology
Thesis Title: *Decontamination of Ammophila breviligulata using foliar fungicide application*
Thesis Advisors: Dr. Michael Peek and Dr. Joseph Spagna



ALICIA MITCHELL

Honors Track: Global Public Health
Major: Athletic Training
Minor: Public Health
Thesis Title: *The Physical Activity Environment in Clifton, New Jersey Compared to Paterson, New Jersey*
Thesis Advisor: Dr. Marianne Sullivan



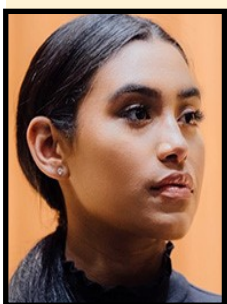
HUNTER LONG

Honors Track: Performing & Literary Arts
Major: Communication (Media Production)
Minors: Art Studio and Film Studies
Thesis Title: *"Hand After Hand" - an LGBTQ+ Feature Film*
Thesis Advisors: Dr. Philip Cioffari and Dr. Martha Witt



CAITLIN MONAHAN

Honors Track: Cognitive Science
Majors: Early Childhood Education & Psychology
Thesis Title: *Stress Levels of College Athletes*
Thesis Advisor: Dr. Amy Learmonth



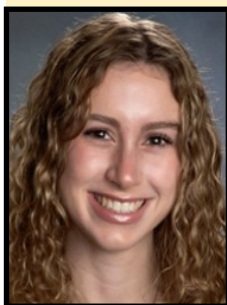
JANAIS MARTINEZ

Honors Track: Music
Major: Classical Voice Performance
Minor: Piano
Thesis Title: *Comparative Analysis of Black Women Composers During the Early 20th Century*
Thesis Advisors: Dr. Christopher Herbert and Dr. Lauren Fowler-Calisto



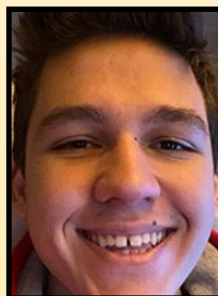
BRENNA MORAN

Honors Track: Music
Major: Classical Performance – Voice
Minor: Piano
Thesis Title: *The Benefits of Yoga on Singing*
Thesis Advisors: Dr. Christopher Herbert and Dr. Lauren Fowler-Calisto



JULIANNA MCVEIGH

Honors Track: Global Public Health
Major: Public Health Education
Minor: Political Science
Thesis Title: *The Integration of Climate Change Adaptation Measures in Local Zoning Ordinances in New Jersey*
Thesis Advisor: Dr. Marianne Sullivan



STAMATIOS MYRIAGKOS

Honors Track: Clinical Psychology and Neuropsychology
Majors: Psychology
Thesis Title: *Non-Serotonin Based Theories of Depression: A Review*
Thesis Advisor: Dr. Bruce Diamond



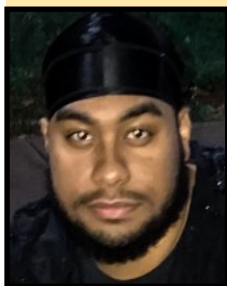
CARYN MILLER

Honors Track: Performing & Literary Arts
Major: Communication (Journalism and Public Relations)
Thesis Title: *Everything Green*
Thesis Advisors: Dr. Philip Cioffari and Dr. Martha Witt



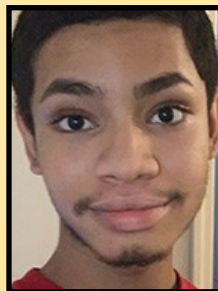
SYEDA NAHAR

Honors Track: Nursing
Major: Nursing
Minor: Psychology
Thesis Title: *What Effects Does Infertility Have on the Mental Health of Women?*
Thesis Advisor: Dr. Jill Nocella



ELIJAH MILLER

Honors Track: Social Sciences
Major: Legal Studies
Thesis Title: *Should Pharmaceutical Executives be held Criminally Liable for the Progression of the Opioid Crisis?*
Thesis Advisor: Dr. Neil Kressel

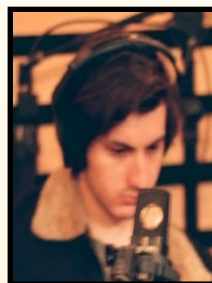


ANTHONY NAVARRETE

Honors Track: Biology
Major: Biology
Minor: Anthropology
Thesis Title: *Characterization of Hybrid Non-ribosomal Peptide Synthetase/ Polyketide Synthase Pathways in *Karenia brevis**
Thesis Advisors: Dr. Emily Monroe and Dr. Joseph Spagna



LARUEN NAVEO
Honors Track: Business
Major: Marketing
Minor: Sales
Thesis Title: *How Political Marketing Affects Brand Perception*
Thesis Advisors: Dr. Stephen Betts and Dr. Ge Zhang



TREY PISANO
Honors Track: Social Sciences
Majors: Jazz Performance and Sound Engineering Arts
Thesis Title: *Anatta and the Avant-Garde: the Effect of Zen Thought on American Music*
Thesis Advisor: Dr. Neil Kressel



ALBERTO OLIART
Honors Track: Performing & Literary Arts
Major: Jazz Studies
Thesis Title: *Suburban Gas Station*
Thesis Advisors: Dr. Philip Cioffari and Dr. Martha Witt



GABRIELLE POPENCUK
Honors Track: Biology
Major: Biology
Minor: Psychology
Thesis Title: *Investigation of novel Candida auris clade IV EG11 mutations on triazole resistance*
Thesis Advisors: Dr. Kelley Healy and Dr. Joseph Spagna



AYAH OMAR
Honors Track: Nursing
Major: Nursing
Thesis Title: *Male Nursing Students' Perceptions about Their Obstetrics and Gynecology Rotation*
Thesis Advisor: Dr. Jill Nocella



CASSIDY PRESUTTO
Honors Track: Business
Major: Accounting
Thesis Title: *Covid-19 and Its Effect on the Personal Finances of Low-Income Families*
Thesis Advisors: Dr. Hannah Wong and Dr. Ge Zhang



JOSEPH PAOLANTONIO
Honors Track: Humanities
Majors: History and Secondary Education
Thesis Title: *The Five Worst Presidents in US History*
Thesis Advisor: Dr. K. Molly O'Donnell



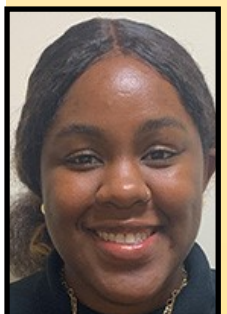
NATHAN REILLY
Honors Track: Humanities
Majors: English Writing and Media Production
Thesis Title: *King*
Thesis Advisor: Dr. K. Molly O'Donnell



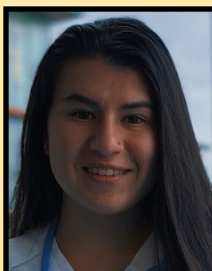
VICTORIA PERLROTH
Honors Track: Cognitive Science
Majors: Psychology and Health Studies
Thesis Title: *Mental States and Athletic Success*
Thesis Advisor: Dr. Amy Learmonth



SEBASTIAN EDUARDO RIVERA
Honors Track: Cognitive Science
Major: Computer Information Technology
Minor: Asian Studies Language
Thesis Title: *Creative, Experienced, and Fast: How Cognitive Factors Influence Smash Bros. Gameplay*
Thesis Advisor: Dr. Amy Learmonth



GABRIELLE PIERRE
Honors Track: Clinical Psychology and Neuropsychology
Major: Psychology
Minor: Sociology
Thesis Title: *Disparities in Mental Health Prevalence and Service Utilization among African Americans*
Thesis Advisor: Dr. Bruce Diamond



PAIGE ROMANO
Honors Track: Nursing
Major: Nursing
Thesis Title: *The Prevalence of Disordered Eating in Nurses and Nursing Students Based on Perceived Stress*
Thesis Advisor: Dr. Jill Nocella



GRIFFIN ROSS

Honors Track: Performing & Literary Arts
Major: Jazz Studies
Thesis Title: *Under Any Circumstance*
Thesis Advisors: Dr. Phillip Cioffari and Dr. Martha Witt



RYAN SHINALL

Honors Track: Performing & Literary Arts
Major: Music — Sound Engineering Arts, Classical
Thesis Title: *Explorations in Sound: A Jazz Suite*
Thesis Advisors: Dr. Philip Cioffari and Dr. Martha Witt



Yaeli ROTHSCHILD

Honors Track: Nursing
Major: Nursing
Minor: Health Studies
Thesis Title: *The Many Manifestations of PTSD*
Thesis Advisor: Dr. Jill Nocella



NICOLE STACK

Honors Track: Global Public Health
Major: Nursing
Minor: Public Health
Thesis Title: *STI in Older Adults in New Jersey*
Thesis Advisor: Dr. Marianne Sullivan



JADA SANDERS

Honors Track: Cognitive Science
Majors: Early Childhood Education and Psychology
Thesis Title: *Differences Between Undergraduate and Graduate Students*
Thesis Advisor: Dr. Amy Learmonth



MICHAELA STANTON

Honors Track: Nursing
Major: Nursing
Thesis Title: *The Effects of Mirror Therapy on Phantom Limb Pain in Patients with an Amputation : An Integrative Review*
Thesis Advisor: Dr. Jill Nocella



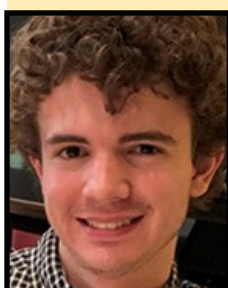
ALYSSA SASSO

Honors Track: Clinical Psychology and Neuropsychology
Majors: Biology and Psychology
Thesis Title: *A Clinical Case Study on the Preictal Phase: Identifying the Prodromal Symptoms of an Imminent Seizure*
Thesis Advisor: Dr. Bruce Diamond



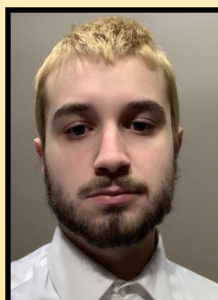
JENEEN SUIAFAN

Honors Track: Clinical Psychology & Neuropsychology
Major: Psychology
Thesis Title: *Recognizing and Removing Barriers to Psychotherapeutic Treatment within Arab Culture*
Thesis Advisor: Dr. Bruce Diamond



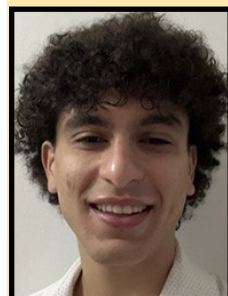
ETHAN SCHWARTZ

Honors Track: Performing & Literary Arts
Majors: English and Urban Science and Society
Minor: Business Administration
Thesis Title: *The Cons of Human Nature*
Thesis Advisor:s Dr. Philip Cioffari and Dr. Martha Witt



ALEXANDER SWETLITSCHNY

Honors Track: Humanities
Major: Communication
Thesis Title: *I Wanted to Sing My Growth: Kanye West and Musical Innovation in Hip-Hop*
Thesis Advisor: Dr. K. Molly O'Donnell



EMIR SHAHIN

Honors Track: Biology
Major: Biology
Thesis Title: *Developing a Tissue Culture protocol for the disinfection of Epichloe ammaril-lans from its plant host, Ammophila breviligulata*
Thesis Advisors: Dr. Michael Peek and Dr. Joseph Spagna



ZACHARY TANIS

Honors Track: Business
Major: Finance
Thesis Title: *Factors That Affect Financial Wellbeing*
Thesis Advisor: Dr. Ge Zhang



COLLETTE TIMMS

Honors Track: Nursing
Major: Nursing
Thesis Title: *Characteristics of Burnout in Nursing: A Systematic Review of Literature*
Thesis Advisor: Dr. Jill Nocella



STEPHANIE WATERS

Honors Track: Global Public Health
Major: Computer Information Technology
Thesis Title: *Eating Disorders and Social Media: An Analysis of Recovery Narratives on Social Media*
Thesis Advisor: Dr. Marianne Sullivan



KAYLA VASHEY

Honors Track: Clinical Psychology and Neuropsychology
Major: Psychology
Thesis Title: *Adverse Childhood Experiences and Suicidal Behavior*
Thesis Advisor: Dr. Bruce Diamond



TARA WENIGER

Honors Track: Humanities
Majors: English Literature and Psychology
Thesis Title: *The Idea of Fate in Literature*
Thesis Advisor: Dr. K. Molly O'Donnell



ALEXANDER VELASCO

Honors Track: Business
Major: Economics
Thesis Title: *The Hope in Coffee*
Thesis Advisors: Dr. Mike Chao and Dr. Ge Zhang



BRIAN WHEELER

Honors Track: Business
Majors: Marketing
Minor: Economics
Thesis Title: *The Role of Data Visualization in Decision-Making*
Thesis Advisors: Dr. Soohyun (Ashley) Lee and Dr. Ge Zhang



ABIGAIL VIOLA

Honors Track: Independent
Major: Physical Education K-12 with Health Certification
Thesis Title: *Concussion Behaviors Among College Athletes*
Thesis Advisors: Dr. Amy Learmonth and Dr. Barbara Andrew



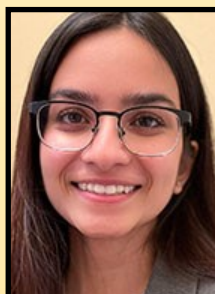
JAE WILSON

Honors Track: Performing & Literary Arts
Major: Broadcast Journalism
Thesis Title: *Idle Minds Are the Devil's Playground*
Thesis Advisors: Dr. Philip Cioffari and Dr. Martha Witt



ALEXANDER VLIETSTRA

Honors Track: Clinical Psychology and Neuropsychology
Major: Psychology
Minor: Philosophy
Thesis Title: *Social Media and Self-Esteem*
Thesis Advisors: Dr. Robin Nemeroff and Dr. Bruce Diamond



BHAVYA YALAMANCHILI

Honors Track: Global Public Health
Major: Nursing
Minor: Public Health
Thesis Title: *Chronic Pain Content on TikTok: An Analysis*
Thesis Advisor: Dr. Marianne Sullivan



MEGAN VOGELAAR

Honors Track: Nursing
Major: Nursing
Thesis Title: *Bedtime Procrastination: A Self-Regulation Perspective on a Common Cause of Sleep Deficiency*
Thesis Advisor: Dr. Jill Nocella



HONORS RESEARCH WEEK 2022

Presentation Abstracts

— *Listed alphabetically by last name* —

ABDUL-HAQQ, KHYRIYAH

Horror Tarot Cards

When I was younger, my favorite author was R.L. Stine. I read every one of his books that I could get my hands on. Once I got older, my taste for horror changed. I have seen a lot of horror movies: Good ones, bad ones, ones with very low budgets, ones with okay acting, and ones I consider the best movies of all time. This project is essentially my love letter to the genre. Twenty-two illustrations, one horror icon for each card of the major arcana in a typical tarot card deck. I chose to use the tarot cards and definitions from the major arcana because each card has a set meaning, and I wanted to match a horror character to each card. I chose to do this project because I thought it would be a cool and creative thing to draw, and to accomplish.

ACQUAVELLA, VINCENT

Students' Reflection on Vietnam Protest Music

In this thesis project, the researcher will be evaluating if college students have the same or different reflection on Vietnam War protest song from college students who grew up during the Vietnam War. This study will focus on if the college student knows the Vietnam War protest songs and their overall reaction to the 8 protest songs. The researcher will discuss in this study is an overview of 1960's protest music, which they will talk about 1960's history events that caused the evolution of protest music during the era. Then, the researcher will go over the previous studies done on this topic and explain what was found by both R. Serge Denisoff and Lee Andresen in their studies. Next, they will give an overview of the two method of surveys that were used to get the results, which were a pilot study and an informal study. Finally, the researcher will reveal his findings of student's reflection about each song.

ALFRED, JANELLE

A Scoping review of Interventions Designed for Children Exposed to Domestic Violence

Background: Intimate Partner Violence (IPV) is a multifaceted problem with significant mental, cognitive, psychological, behavioral health effects. Sixteen percent of the nation's children are estimated to witness physical violence before age eighteen with impact that may last into adulthood. Method: Scoping literature review using the Joanna Briggs Institute framework to describe and analyze current literature on interventions aimed to help children who witness IPV in terms of their approach and effectiveness. Medline, PsycInfo, Sociology ProQuest Central, and the Child Welfare Information Gateway were the databases searched. The organizing question of this scoping literature review is: What is the approach of interventions focused on children exposed to IPV, and what is their effectiveness? Results: Interventions were both community and school-based, using group and individual child-play therapy testing pre-/post- test differences in behavioral problems, aggression, and attitude towards violence. This presentation will discuss intervention approaches and effectiveness and make recommendations for improvement.

ALI, YEASMIN

Beauty & Body Standards in South Asian Countries: The Influence of Cultural and Societal Norms

Many people of diverse racial and ethnic backgrounds suffer from eating disorders (ED) and body dysmorphia. Culture and the media have a significant influence on how people view their body image and appearance. South Asian culture, which encompasses Bangladesh, India, Pakistan, Sri Lanka, Bhutan, and Nepal has been vastly underrepresented in eating disorders and mental health research. Within these countries, beauty is characterized as having fair/light skin tone, minimal body hair, and a small figure. Therefore, the objective of this thesis is to understand how biological and sociocultural factors play an important role in eating behaviors and body appraisals among South Asian individuals through a review of the current research literature. This literature review drew primarily from data gathered through focus group methodology, empirical research, ED measure assessments, and analyses of prevention measures.

ANDAL, IRIS NICOLE

"Lovers into Lessons": A Concept Album on Love, Loss, and Light

Lovers into Lessons (stylized in all lowercase) is a 12-song concept album that takes the listener through the journey of loving and losing someone, and eventually, finding light after that loss. All of the songs were written, recorded, produced, mixed, and mastered by me. Meant to be listened to in tracklist order, the songs deal with the messy emotions of a breakup and gradually shift into acceptance, self-love, and the acknowledgement that love does not leave when a loved one leaves. Love can be seen all around you. Whether that be the sun still rising or talking with friends until 3am, love is still present. This project was my outlet, my way of processing my feelings, and finding the lessons after a lover left. I hope that sharing my experience through music can help someone going through the process of turning their own past lover into a lesson.

ANDERSON, IMANI

The Long-Term Effects of Maternal Postpartum Depression on Family Well-Being: An Integrative Review

Postpartum depression or non-psychotic depression occurs within one year of childbirth, and the effects of the condition on the mother have been researched extensively. However, there is limited research regarding how the mother's diagnosis can affect her family long-term. This integrative review examined the literature related to the long-term effects of postpartum depression on family well-being. Using the PRISMA guide, a search of the literature was performed using CINAHL and Medline (via ProQuest) databases. Eligibility criteria included peer-reviewed articles from any year that described the bonds of the father or child with the mother and any involvement of the father or child with the mother. A total of 15 articles were identified using the criteria. Data analysis revealed that maternal postpartum depression has negative adverse effects on family well-being.

ANNUNZIATA, REBECCA

The Impact of Mindfulness on Anxiety

Mindfulness practices and activities have been shown to have positive impacts on anxiety. Therefore, this research hypothesizes that there will be an inverse correlation between an individual's level of mindfulness and their level of anxiety. A convenience sample of 151 diverse college-aged students participated in this IRB-approved study. The results confirm the study hypothesis and indicate that higher scores on the Beck Anxiety Inventory were associated with lower scores on the Mindfulness Attention Awareness Scale. The results suggest that mindfulness strategies may have practical implications for improving general well-being. By integrating mindful practices into classroom or counseling environments, it could reduce student anxiety and improve academic performance.

ASHMEAD, KELEEN

Dating and Social Media: An Informal Study

Throughout the last few decades, much has changed regarding the way we live our lives in modern societies. One thing that has changed at an exponential rate and is quite unlikely to ever revert to what it used to be is the way in which we connect as a society. Technology has advanced to levels previously unimagined, and this has resulted in the advancement of the way we interconnect. Social media is now a pivotal part of society, and has proven imperative in the creation and sustenance of relationships. The focus of this project is the negative and positive ways in which the dependence and constant employment of social media has impacted the way our romantic relationships are formed, influenced, or even impaired in an increasingly virtual society that is driven by our devices.

BAKSH, ALEEMA

The Reduction of Recidivism using Neuropsychological Resources: A Review of Literature

The criminal justice system has employed many methods to combat crime and help people who commit crimes reintegrate into society. In recent years, in order to prevent recidivism, there has been a focus on the

rehabilitation of offenders versus incarceration. Recidivism is a term used when people who were incarcerated or otherwise punished for a crime, recommit a crime and reenter the system. Cognitive Behavioral Therapy has been shown to decrease the probability that offenders will recommit crimes. Commitment to a forensic mental health facility rather than a jail or prison has also been effective in combatting recidivism for some individuals. In this literature review, different approaches to combatting recidivism will be explored. It is anticipated that a combination of psychotherapy and access to medication for mental health disorders are effective techniques in reducing criminal behavior and recidivism rates.

BALDARRAGO, EMILY

The Benefits of Bilingual Healthcare Workers

The United States has faced issues with language barriers within the healthcare system, putting a halt on the extent of resources available to the Language English Proficient (LEP) clientele. For millions of Spanish-speaking individuals, receiving proper medical attention has been difficult due to the language barriers that exist in healthcare facilities. Using the PRISMA guide, a comprehensive search of the literature was conducted. Through CINAHL and Academic Search Complete databases, nine articles were identified. The final nine articles consist of systematic reviews and quantitative/qualitative studies that encompass the results found in the use of bilingual healthcare workers in Hispanic populated communities. The findings concluded that access to bilingual healthcare workers resulted in increased patient care quality outcomes. Patients reported being able to comprehend proposed care plans from their health care providers and communicate back their doubts or concerns.

BAYER, SARAH

The Role of Trauma and Memory Suppression and Its Treatments

The link between trauma and memory has been thoroughly researched, producing vital information needed to comprehend the complexity of this relationship. Research studies on these topics are essential in determining proper treatment interventions for those suffering from any form of trauma. While research examining the relationship between PTSD and memory suppression is extensive, this thesis seeks to clarify the link between PTSD and memory suppression. The goal of this thesis is to examine the implications of this research for treating this disorder, particularly with respect to the effects that memory suppression can have on behavior.

BEJARANO, JAKE

The Psychology of the "Like" Button

Social media users click a thumbs-up button on Facebook or a heart-shaped button on Instagram to show that they like a post (Li et al., 2018). Prior research suggests that self-esteem sometimes is enhanced when the number of "likes" increases. We also predicted that users with high self-esteem would not need "likes" to validate their worth whereas users with low self-esteem would rely more on "likes." In study 1, data were collected via an online Qualtrics survey among students at a state university. In study 2, the sample was broadened to include a national sample of subjects recruited via Amazon Mechanical Turk. Both times individuals were given a structured questionnaire with multiple scenarios concerning "likes" on Facebook or Instagram. Preliminary findings suggest that self-esteem may not share as strong of a relationship with social media "likes" as shown in the previous literature. Keywords: Social media, "likes," Facebook, Instagram, self-esteem, survey, Qualtrics, Amazon Mechanical Turk

BENNETT, ALEXIS

The Role of Intergenerational Trauma in Risk Factors and Health Outcomes of African Americans; An Analysis of the Public Health Literature

Intergenerational trauma has been a focus of many studies in recent decades and is a significant factor in public health issues. Intergenerational trauma can be understood as significant adverse events experienced by individuals that have such a profound impact, offspring of the individuals struggle with the post-traumatized state of their parents. Studies have examined intergenerational trauma among various populations, and more recently, African Americans. Other closely related issues contribute to how

past traumatic experiences may impact the public's health, including historical trauma, various forms of racism, skin-tone trauma, and developing theories examining pathways through which parental experiences of trauma may be passed on to their offspring. This presentation will present findings from a scoping literature review focused on how concepts of intergenerational and related traumas are used in the public health field to understand and address health issues among African Americans. Recommendations for further research on intergenerational trauma will be shared.

BERNARD, ELLIOT

A Study in Orchestration and Rhythm of Art Tatum

Evident in the dancing rhythms of brass bands in the New Orleans second line to ragtime music and the development of stride piano, African rhythms are foundational to American popular music and jazz, a uniquely American art form. The improvisational ability of pianist Art Tatum, proficient in both classical and stride jazz piano styles, forged a new territory in the rhythmic concept, specifically between the two hands, of jazz piano. Inspired by a transcription of an Art Tatum solo piano recording, I sought to explore this rhythmic style, though not at the piano. By creating four six-piece horn arrangements of American popular songs in the repertoire of Art Tatum, I return to the multi-instrumental model from which ragtime and stride piano derived, while integrating the rhythmic and harmonic innovations of Tatum. Thus, by studying the essential rhythms and phrasing of Tatum's music and recreating the rhythmic impetus of his style with a unique ensemble instrumentation, I attempt to reaffirm the significance of rhythmic intensity as a central component in jazz and American popular music.

BOLANOS, STEPHANY

Assessing the Knowledge and Attitudes of Undergraduate Nursing Students' Towards Providing LGBTQ+ Patient Care

The LGBTQ+ community is often overlooked in health care and requires unique patient care considerations. Competent nurses need to utilize the Quality and Safety Education for Nurses (QSEN) competencies in terms of their knowledge, skills, and attitudes (KSAs) to provide individualized care. The tripartite theoretical framework can evaluate nursing students' (SNs) competencies of affect and intellect concerning LGBTQ+ patient care. Without adequate background and assessment data, the LGBTQ+ community faces negative social determinants of health (SDOH). Therefore, this research study assesses the knowledge and attitudes of undergraduate SNs who have undergone clinical experience related to LGBTQ+ patient care. Data was collected through anonymous Qualtrics survey responses of SNs from a public northern New Jersey university. Results may assist in identifying learning material that needs improvement in the nursing program to appropriately educate its nursing students of LGBTQ+ health care.

BORTHWICK, CHLOE

"Abstract as Song" - Self Made EP

In an increasingly remote-work-style world, twenty-first century musicians have slowly begun to veer away from hired A&R's, producers, writers, and labels. As an independent artist, Chloe Borthwick, has taken the remote-recording approach to completing her own compositions. With acquired knowledge in recording, producing, and writing, Chloe has composed and produced a collection of original pop songs. By tackling most of the process alone, Chloe has deciphered obstacles that are unique to singer/songwriters. The product of three recorded singles along with a new-found creative process made this project fruitful, regardless of its setbacks.

BRANCH, ANGEL

Paranormal Investigations: The Formerly Untitled Comic Book

This original work, inspired by the genres that I enjoy reading the most, such as noir, science fiction, and crime, touches on the themes of loss and the supernatural. I chose to present these themes in the form of a comic book because I think that the story benefits from being presented as a visual medium, and makes it more impactful. My hope is to entertain and tantalize the reader with visuals that are pleasing to the eye, along with an easy-to-follow storyline.

BURROWS, ASHLEY

The Conundrum Crew and the College Creeper

The Conundrum Crew and The College Creeper is a satirical parody of classic murder mysteries and character archetypes, heavily inspired by the episode Scooby Doo: Haunted House Hangout. With the purpose to entertain, this one act pokes fun not only at the nature of "Whodunnit" stories, but at William Paterson University as well. The show follows a group of five college students and their "horse" on their way to a weekly club meeting when they are sidetracked by various things, such as a murder, the new school mascot, and the everchanging mask mandate on campus. The play was produced and showcased for three nights, featured in the annual Comedy Festival on campus, and raised over \$250 for Broadway Cares.

CACCIOTTOLO, ISABELLA

Educational Improvements for Young Singers

Young singers often face the stereotype that they cannot read music or count effectively, but why does this stereotype exist and how can we teach singers to sight-read more efficiently in their primary education? In this paper, we will explore solutions to train pre-collegiate singers to sight-read more efficiently by noting the problems with how most choirs examine their music, learn their music, and then offering ways we can better use our time in choral rehearsals. We will acknowledge middle and high school choirs' prioritization of performance value and memorization skills over music theory-based observations of repertoire, suggest improvements to rehearsals by incorporating theory-based scalar, intervallic, and rhythmic warmups to rehearsals, and discuss improving the way choirs approach new pieces to make better use of their time in rehearsals.

CAMPBELL, ABIGAIL

The Relationship between Chronic Stress, Coping Mechanisms, and Compassion Fatigue in Direct Care Nursing: An integrative Review of the Literature

Providing competent and compassionate healthcare has been a common goal for all nurses, however, when there is repetitive exposure to patients' suffering, compassion fatigue can manifest. This integrative review compiled data and synthesized knowledge from both experimental and non-experimental research to determine the relationship between chronic stress, coping mechanisms, and the prevalence of compassion fatigue among direct care nurses. Using the PRISMA guide, ten articles from CINAHL and MEDLINE were analyzed for common findings. Analysis revealed that poor coping mechanisms were positively correlated with compassion fatigue and positive coping mechanisms were negatively correlated with compassion fatigue. Disorganized work environments contributed to higher levels of work stress and made nurses develop a negative attitude towards the nursing profession. Most articles concluded that in order to effectively combat compassion fatigue, the professional quality of life of nurses must be improved and positive coping mechanisms should be introduced throughout the workplace.

CARDELLO, CAELAN

Explorations in Sound - A Jazz Suite

For our thesis project, Ryan Shinall and I created an album of jazz music that offers an immersive experience in sound, creativity and emotion through using different recording and editing techniques such as live room recording and use of plugin software. All of the compositions/arrangements are done by me, Caelan Cardello, while Ryan recorded all the songs and did the mixing/editing. Explorations in Sound: A Jazz Suite seeks to showcase what we have learned from our 4 years at William Paterson. The point of this album is to show a new creative way of listening to jazz, as it demonstrates a non-conventional way of recording jazz through the multiple editing techniques. We hope this experience will leave the listener motivated to listen to older styles of jazz and appreciate the arc of recording and editing that spans more than 100 years.

CATANIA, SKYLAR

The Impact of Pet Therapy on Anxiety and Stress

Anxiety and stress are endemic in the college student population. Literature suggests that implementation of pet therapy can reduce symptoms of anxiety and stress. This study examined the benefits of a minute-long pet

therapy session for decreasing levels of stress and anxiety in two undergraduate students from William Paterson University. An EKG was used to monitor the heart rate of each participant for a minute before, during, and after pet therapy. A Stress Reduction Log and the State Trait Anxiety Scale were given to each participant in paper form, before and after the implementation of pet therapy. It is hypothesized that heart rate, anxiety and stress levels of the participants will decrease from baseline levels after the pet therapy session is completed. If confirmed, the findings would support the idea that pet therapy can reduce symptoms of anxiety and stress, making it an effective form of therapeutic intervention.

CHATTERJEE, INDROJIT

The Recording, Mixing, and Mastering Process of AM Reflection

The exponential growth of recording technology in the last 50 years has influenced the options and processes that audio engineers have adopted for recording music. Gone are the days of taping a live performance of a band in the studio with analog gear. The shift to digital audio in the 1970s significantly altered the recording, mixing, and mastering phases of producing records. Not only is it unnecessary for audio engineers to record the whole ensemble at once, the technology used to malleate the musician's sound now greatly affects the creative and technical processes. In this project, I will show my journey through recording, mixing, and mastering a band's 6 song E.P. and compare how it would have been different before the rise of digital audio.

CHERBAKOVA, NICOLE

Attention-Deficit/Hyperactivity Disorder and its Impact on Educational and Occupational Attainment and Functioning: A Literature Review

Attention-Deficit/Hyperactivity Disorder, or ADHD, is a neurodevelopmental disorder that is categorized by varying degrees of inattention, hyperactivity, and disorganization. ADHD has been viewed as a childhood disorder and most research on ADHD focuses on children despite the fact that many children continue to experience symptoms into adulthood. While hyperactive symptoms tend to decrease with age, inattentive symptoms persist, and inattention has been linked to poor academic performance and work efficacy. The purpose of this research is to consider the specific ADHD symptoms adults experience and how they may impact daily functioning and performance in educational and occupational settings. More adults with this disorder are going on to higher education and going into the work force, so knowing how ADHD symptoms impact their lives can help clinicians and educators assist these adults in optimizing their performance and achieving their academic and career goals.

CHERIAN, ALVIN

Predation in hololena Hola with Respect to Airborne Prey

There are many species of spiders that have their own way of capturing prey. Previous research on these species of spiders show them using different techniques to attain food, based on physical and habitat differences. Hololena hola is a species of the funnel-weaving spider that constructs webs in the shape of a funnel or a cone around the bases of either holes or circular objects. These spiders do not rely on the sticky glues found on many webs, rather they rely on speed and agility to get the prey that falls on the web. Previous research has shown that these spiders can capture crickets on newly spun and older webs. My research is to expand this spiders' interactions with airborne prey. I followed a series of spiders as they added silk to their webs over time, and estimated impacts of web development for capturing small, flying prey.

CLIFFORD, OLIVIA

Perceived Stressors and Support of Neonatal Nurses during End of Life Care

Nurses not only have to care for premature infants, but they also need to make decisions regarding what is morally right when administering end of life care. Nurses need to council the parents regarding the care of their newborn, and all of this responsibility can be extremely taxing. This study explored the perceived stress and support among nurses during end of life care. Specifically, if nurses feel moral distress, whether or not hospitals are offering mental health services to their nurses, whether or not those

services are adequate, and if these nurses feel supported overall. Surveys were distributed to registered nurses in northern New Jersey and yielded sixty-six responses. Through data analysis it was found that there is no statistical significance between high stress and low support. Findings from this research may assist with discovering what the perceived stress and support is amongst neonatal nurses during end of life care.

CONROY, DILLON

Autumn and Apricity

My latest installation encompasses landscapes, exploring the confluence of the natural and the urban. This series of about four to five paintings uses watercolors and acrylics, and branches out into collage for the autumn scenes to depict leaves falling. The works connect the themes of humans in nature across seasons using a palette appropriate for autumn and winter and capturing the mood from urban spaces of natural scenes and down-playing human subjects. The unique features of landscape, both human and natural made are the subjects that have defined my body of work and continue to inspire me. My central aim is to celebrate the majesty and awesome power of nature and contrast these with human experiences of it. The completed show projects a complex and immersive vision of humans in nature. The show captures my fascination with how the colors in nature surround and embrace us.

CRIDDELL, TEKOA

"We Eat First with Our Eyes"

"We eat first with our eyes" is a phrase attributed to the Roman gastronome Apicius, and it is perhaps the quintessential statement about how we view food. Everything from cooking shows to ancient paintings highlight how important the presentation and plating of food is to the enjoyment of those partaking. This, however, is not a new phenomenon. Since the times of Apicus down to the current era of social media food blogging, food and how it looks has been a symbol of power, wealth, and status. For a long time, only the rich and powerful could afford lavish feasts and ornate food presentations. Through this project, I hope to not only highlight these socio-political themes but also the hard work and creativity of the thousands of chefs and artisans who worked on these fabulous meals centuries before any of us were born.

DIBELLA, MACKENZIE

Acupuncture Effect on Women with Fertility Issues Undergoing IVF: A Systematic Review

As Western medicine grows in popularity, more holistic approaches to healthcare have breached into medicinal practices in the US, particularly in the treatment of infertility. This systematic review examined current literature on an imperative aspect of Western medicine, acupuncture, and its effect on women experiencing infertility undergoing in-vitro fertilization treatment (IVF). Using the PRISMA guide, a search of the literature was performed utilizing CINAHL and ProQuest databases. Eligibility criteria included studies having been peer reviewed, evidence-based practice, and inclusive of women experiencing infertility for a minimum of one year undergoing IVF and acupuncture treatments. The eleven selected studies revealed that acupuncture has shown to improve fertility rates when paired with IVF. However, more evidence is required due to the limited sample sizes and lack of definitive conclusions of the eleven research articles.

DIMAYUGA, GERARD

Young Adults' Attitudes Towards Mobile Marketing

Mobile phone usage has grown tremendously in recent years, and it is now commonly employed as a marketing tool. Both short message service (SMS) and multimedia messaging service (MMS) are typically used for mobile advertising. Previous studies have reported about the effectiveness of this new advertising channel using a broad consumer base. The aim of this study is to examine the determinants of attitudes toward mobile advertising specifically within young adults and subsequent impact on behavior intention. Five hypotheses have been established to examine if there is any relationship between existing literature and empirical data. Results indicate that entertainment, informativeness, irritation, and credibility are determinants of attitudes toward mobile advertising, and attitudes can explain behavioral intention at least in part.

ELAYAN, AMIRAH

"Star Valley" a Novel Exploring Identity and Family by Amirah Elayan

Transnational literature is a newer theory that explores minority voices and the arbitrary boundaries set by society within a post-colonial world. The aim and the goal of these works is to look at literature that extends itself outside of white, male voices, or white voices in general and opting to see the perspectives of people of color. Typical themes in Transnational literature are war, grief, seeking purpose as a person from a diaspora, and the loss of time. Strong examples of Transnational literature are Salt Houses by Hala Alyan and Farming of the Bones by Edwidge Danticat. Both stories focus heavily on how wars, racism, and diaspora have affected the lives of the Palestinian and Haitian characters over a period of time. This amount of time is unclear, hazy, and blends into the past while trudging through the present. Throughout this essay and presentation, we will be focusing on how time is ambivalent in the stories Salt Houses by Hala Alyan and Farming of the bones By Edwidge Danticat due to the crises in each story.

EL-KHOURY, STEPHANIE

The Effects of Stress on Labor and Delivery Nurses during Deliveries with Adverse Birth Outcomes

Deliveries with unexpected adverse birth outcomes can result in trauma and stress for the labor and delivery nurses involved, impacting their mental health. This can be challenging since nurses must remain strong and caring for their patients during traumatic moments. The Terror Management Theory emphasizes the awareness of humans on the inevitability of death and its influence on human thought, emotion, motivation, and behavior and highlights the importance of proper coping mechanisms. This study examined the effect of stress on labor and delivery nurses during deliveries with adverse birth outcomes. The Secondary Traumatic Stress Scale was sent to nurses in NJ and yielded a response rate of 182 participants. Through data analysis it was found that as age, education, and experience increase, the level of stress decreases. These results may be used to further assess the effects of stress on labor and delivery nurses during deliveries with adverse birth outcomes.

FINK, GRIFFIN

Modern Minds Meet Sacred Music

What Do You See is an album that reflects the journey that bassist and composer Griffin Fink has undergone throughout his time at William Paterson. Throughout these four years I have honed my skills as a bassist and a composer and this album is a culmination of those efforts. This album is extremely personal as many of the original compositions represent a distinct event in my life. One of the ancestors who touched me and my classmates deeply is the late great Professor Harold Mabern to whom I have dedicated 2 songs. The central message of this album is to question ourselves as to what we know, and to realize that most of the answers to our questions are right before our eyes. This album is a tribute to those ancestors who played and passed down this music. With this humble contribution I aim to do the same.

FINNEN, ANTHONY

Student Fortune Adventure

For my honors Thesis project, I decided to make a short film about William Paterson University, specifically the film club. I thought it would be funny to tell a quest story about the film club looking for lost treasure hidden on campus. While writing the film, I researched local history and found out that William Paterson University is built on land that was owned by Garret Hobart, a lawyer who died in 1899, shortly after becoming vice president. I was inspired by this local history, as well as classic adventure stories like the works of H.G. Wells. When we returned to in-person classes in the Fall of 2021, attendance at film club meetings was low. I hope that working on this film together has strengthened the filmmaking community on campus. Thank you to everyone who helped me complete this project.

GAFFNEY, NIKKI

Species Distribution Modelling of N. American Agelenid Spiders

The Agelenidae are a family of North American spiders that are comprised

of many species, defined by strikingly similar physical appearance, but subtle behavioral and reproductive differences. The American continent is expansive, with many climates and geographic breaks that may have produced the high species diversity seen today. Here I use species distribution modelling (SDM) as implemented by the program Maxent to determine whether the agelenids' distributions are determined primarily by geographic and/or climatic limits, as well as look to analyze habitat overlap to determine potential specialization or exclusive competition. That will allow future research on likely evolutionary trees as well as serve as a model for speciation methods across various North American regions.

GAFFNEY, SHAWN

The Impact of Gentrification on the Black Community of Philadelphia

Literature in the field of urban planning describe the extent but only hint to the effects of gentrification on the African American population of Philadelphia. This thesis combines the historical patterns of accumulation of wealth with the impacts of gentrification on the Black community of Philadelphia. This paper comes to several conclusions, mainly that barriers to wealth serve also as barriers to renovation and lead to the displacement of Black community members. Although Philadelphia was a city with one of the largest free Black populations at its creation, racism in real estate practices, government funding, and violence from rival groups kept much of the Black community from meaningful economic opportunities. The Black community's inability to take advantage of the restorative properties of gentrification is but another consequence in this ongoing pattern.

GANNON, PATRICK

Pat Gannon Sextet

The rich tradition of the Jazz Sextet is upheld by many great musicians, including Art Blakey and the Jazz Messengers, and groups led by Miles Davis and Charles Mingus. Writing for three horns allows for versatile repertoire, from big band interpretations to reimagined songbook standards. I have tried my best to encapsulate this history within my album; in addition to arranging with a special care for the source material, the music will feature improvisation that stems from the great jazz soloists of all time. From the likes of Charlie Parker to Vincent Herring, I have learned various improvisational techniques that have become part of my vocabulary. I hope this music will reflect the time I have spent studying over the past four years.

GHALYEH, YASMEEN

The Effect of Personality Traits on the Preference for Online Shopping: The Moderating Roles of Brand Trust and Familiarity, Data Protection and Privacy Concerns, and Security Risks

Significant advancements in technology resulted in the transformation of many industries, including that of the retail industry, which it will continue to shape. Its effects can be observed as seen by businesses, big and small, that have expanded to include the addition of online shopping into their business models along with their traditional, brick-and-mortar stores. Understanding consumers through factors such as psychographics is a core component of marketing; thus, personality is one area of study that is of interest in this research in relation to online shopping and is measured through the five-factor model (FFM) (Barnett, Pearson, Pearson, and Kellermanns, 2015). The purpose of this study is to examine the role consumer personality plays in influencing preference for online shopping, and the extent an individual's attitude towards technology mediates this relationship. Furthermore, we study other factors that may moderate the relationship such as brand trust and familiarity, data protection and privacy concerns, and security risks.

GIOVATTO, TAYLOR

An Evaluation of Flavored Vaping Device Accessibility at a Local Level within New Jersey

Previous research on ENDS devices has shown that government legislation has been an effective strategy for reducing the incidence of vaping within a population. In 2020, New Jersey Legislature banned the sale of all flavored vaping devices with the exception of tobacco flavor and limited their sale

to people 21 and older. The goal of this study is to assess compliance with this legislation in Passaic City, New Jersey. To do this, we conducted observations using a checklist of compliance items at 115 retail establishments within Passaic City. This presentation will discuss the percentage of retail establishments not in compliance with Bill 3265, if these establishments had 21+ signage, and identify patterns in noncompliance. Recommendations for how Ordinance 3265 can be further implemented will also be discussed.

GONZALEZ, LAUREN

Autonomous Sensory Meridian Response (ASMR) in William Paterson University Students

Autonomous Sensory Meridian Response (ASMR) can be described as a perceptual condition where the viewers experience a tingling sensation along the back and neck and on the scalp in response to visual or audio stimuli. ASMR requires full engagement with the material in order to experience the triggering stimulus. Autonomous relates to the uncontrollable initiation the person has in response to the stimuli and sensory represents the physical response a person has to the stimuli. An example of responsive stimuli can include tapping and whispering. The ASMR content creator is solely focused on the viewer. This study investigates ASMR in college students to see what percentage of the population experiences ASMR. ASMR was measured using the ASMR-15 scale after two ASMR videos and one control video. Students watched two videos designed to elicit the ASMR response and one control video and reported their feeling after each with the ASMR-15 scale.

GRAHAM, SARA

How Do Nurses Describe the Change in Attitude Towards Caring for Dying Patients and Do Nurses Report Feeling That They Could've Been Better Prepared to Care for Dying Patients?

With the number of patient's needing care during one of the hardest times of their lives only growing, the need for nurses to be able to care for palliative care patients is ever present. But, with a profession that is surrounded with so much sadness and grief, there needs to be an understanding of the thoughts and processes of these nurses in order to be able to best help the people helping everyone else. This study will seek to gather valuable information regarding the education needs that nurses feel was helpful or could be improved upon to further an understanding within nursing education. As well as the beliefs and attitudes these nurses have about death itself and anyway that the community, job, or education could help with. These findings will fulfill the gap of knowledge the nursing community has on the nurses that work on these units, and better prepare future nurses for that role.

GRAYSON, TAYLOR

The Effects of Music Therapy on Pain, Anxiety, and Satisfaction During Labor/Delivery: A Systematic Review of the Literature

Many researchers have conducted studies to address the impact that music therapy can have during childbirth. This systematic review seeks to examine the current state of the literature regarding the effects of music therapy on pain, anxiety, and satisfaction during labor and delivery. The studies selected to be analyzed were all randomized controlled trials. Following the steps of a PRISMA flow chart, a search of the literature was performed utilizing CINAHL, PubMed, and MedLine (ProQuest) databases. Inclusion criteria included studies written in English, with human subjects having no high-risk or preterm births. A total of 8 studies were included with a total of 568 participants. Final analysis indicated a significant decrease in pain and anxiety in laboring women after receiving music therapy intervention, indicating the potential of music as a good non-pharmacological approach in labor and delivery.

HEO, JU HYUNG

The Effect of the COVID-19 Pandemic on the Mental Health of Healthcare Workers: A Systematic Review of the Literature

Throughout the COVID-19 pandemic, there has been rising concern about what mental health effects exist for healthcare workers. This systematic review will identify the various effects of the COVID-19 pandemic on

healthcare workers, as seen in the current literature. Specifically, the mental health effects that will be examined are stress, anxiety, depression, post-traumatic stress disorder, and insomnia. The PRISMA guideline has been used as a framework for this study, with literature taken from CINAHL and MEDLINE between July 2020 to June 2021. Articles published worldwide have been included in this study, as long as they were published in English, had over 500 participants, and were a quantitative study in nature. Findings from 11 articles suggest that working during the COVID-19 pandemic has consequently been associated with a rise in detrimental mental health effects among healthcare workers, suggesting the need for more effective interventions to counteract this rise in such symptoms.

HOLMES, MATTHEW

The Music Stylings of Oscar Pettiford - How to Make the Double Bass Sing

Oscar Pettiford, one of the unsung heroes of the jazz bass, is among the most talented musicians of the 20th century. From his youth playing in the family's band to his own recordings later in his markedly short life, Pettiford demonstrates, through his improvisation and composition, an intuitive sense of melody. The blues, interwoven with his ethos, comes through in his music. In an effort to understand what makes his music so remarkable, this presentation will delve into four of Pettiford's most prolific compositions. Just as importantly, four of his improvised solos will be explored through transcription and analysis. The comparisons between his improvisational and compositional skills will prove to be invaluable in understanding the melody behind the man.

ISMAL, HODO

The Psychological Influence on Emotion Through Choice of Music, Instrumentation, and Sound Design in Video Gaming

Through the deliberate choice of instrumentation, key, genre, meter, and rhythm, composers evoke a strong and conscious or subconscious emotion that impacts players. This thesis will discuss and examine the musical elements that create impactful moments within a player's mindset while playing. Gaming has been influential for the past forty years and has exponentially improved visually, audibly, ergonomically, and accessibility. A game's soundtrack can elicit strong emotions from a player in the midst of gameplay. Whether it is the feeling of suspense during horror gameplay, or feeling sadness during a heartbreaking cut scene, music affects players in many capacities. This thesis explores the numerous musical aspects that combine to elicit a psychological response in a player. This can range from the type of instrumentation used, the timing of the music in tandem with gameplay, and many other aspects. Gaming is pursued for its use of visuals, auditory, and psychological components. Keywords: Video Gaming, Psychology of Music, Music Score, Music Composition, Music Sound Design, Effect of Psychology, RPG

JANKOWITZ, KAREN

Unintentional and Intentional Injury in New Jersey

All children are at increased risk for injury when exposed to unsafe environments, creating a prevalent issue in the United States for many children. Previous research in the field has proven that children exposed to predisposing factors, such as an improperly child-proofed home are at higher risk of injury. This study aims to explore different causes of childhood injury, like poisoning, drowning, and motor-vehicle accidents, to compare cases in New Jersey to cases in the United States as a whole. Injury data over the period of several years will be investigated and analyzed to ultimately show which children are at increased risk of injury by age group, socioeconomic status, and geographic location. The results of this analysis will suggest policy change to decrease injury in at-risk children and determine what type of environment provides the best safety for children to increase their wellbeing.

JOVEL, EDGAR

Covid-19 and the Effect on U.S. Foreign Direct Investment

The United States is the country with the most reported total cases of COVID-19 infections (Centers for Disease Control and Prevention [CDC], 2021). The purpose of this study is to analyze if and how COVID-19 infection rates affect Foreign Direct Investment within the United States. The United States' response to the virus involves domestic industries taking

preventative measures, causing massive shifts in the work climate of today. This will be done by probing sector performance of the U.S. domestic economy during the pandemic. By measuring the World Pandemic Uncertainty Index's impact on FDI flows into and from the nation.

KASBARIAN, CHLOE

Perceived Stress Amongst Undergraduate Nursing Students

This quantitative research study was conducted to highlight perceived stress among undergraduate nursing students and associations with social demographics. The nursing progression is a high-stress environment due to increased magnitude of demand and responsibility for a high level of care. Stress, caused by imbalanced demand of resources needed to meet a requirement, may cause mental and physical health issues. The Lazarus and Folkman's (1984) Transactional model of stress refers to students' perception of stress and how it affects their health (Gibbons et al., 2011). The importance of this study of stress is to promote improvements in overall health and wellness among undergraduate nursing students. Data was collected through anonymous surveys using the Perceived Stress Scale (PSS) (Cohen et al., 1983) and a social demographics questionnaire, which was analyzed using SPSS. The author's data analyses present a significant relationship between age, housing status and stress among undergraduate nursing students.

KHATUN, NASIMA

To Explore the Impact of Reach-Back Method on Teaching Patients Their Discharge Information and Reducing Readmission Rate: An Integrative Review of the Literature

This integrative review of the literature aimed to explore the impact of the teach-back method on teaching patients their discharge information and reducing the readmission rate. The research question "How effective is the teach-back method on teaching patients discharge instructions and reducing readmission rate?" was examined. The PRISMA flowchart was used to guide this integrative review. The databases CINAHL, and MEDLINE via ProQuest and PubMed were searched for the literatures. The inclusion criteria included peer reviewed articles published in English between January 2000 to December 2021, studies conducted in any country around the world, and population samples included in the studies are 18 years and older with any type of illness. A total of 10 articles were analyzed for this review. The findings showed an improvement in patients' understanding of the discharge information, and a reduction in disease specific unplanned readmission rate as a result of the teach-back method.

KIM, BANSUCK

Point, Line & Plane

Pilot Waves is arranged improvisational music, the turning of spontaneous moments into something beautiful. In this exploration, two musicians, Peter Kim and Matt Stober grab ideas from improvised jams and arrange them into sequential pieces of music. These jams took place at Matt's in-home studio over the course of one year. The music melds two concepts: spontaneity and the Golden Ratio. Spontaneity in music is the release of a personal sound from inner impulse and the absence of premeditated thoughts. The Golden Ratio, a mathematical ratio found all over the world, from nature to arts, manifests in this music as a natural, rhythmic flow. Humans are drawn to things of the Golden Ratio because we are subconsciously drawn to things that flow naturally. Just as we do not think about each step we take, musicians do not think about what note will come next when improvising.

KNEEBONE, ADAM

Album Kneebone

Segues: A Study in Writing and Spelling; Going from writing some notes down on a page to making music is a journey filled with twists and turns. There are countless compositions that have been crafted over the years, but the writing process is hidden to the listener and unique to the writer. The goal of this project was to compose and record a collection original music, both utilizing what I have learned as a composer and getting a preview into the mindset of the artists who have influenced me. While composing, I have taken notes, researched, and have written a thesis explaining the logic and influences behind the procedure I followed, and my aesthetic choices.

KWIECIEN, MEGAN

The Effect of Consumer Perceptions and Corporate Social Responsibility

Over the past years, corporate social responsibility has become more widely spread across companies in the US. These companies are expected by its consumers to act more ethically and sustainably to better improve society and the environment. In recent years, these companies have been able to use the implementation of corporate social responsibility to their advantage as a marketing strategy. If the perception of CSR among consumers is positive, it will positively affect their brand perception. This positive brand perception can then positively influence consumers' purchase intentions. It also positively affects employee engagement at the company. The results will be included later in the presentation portion. Keywords Corporate Social Responsibility, Brand Perception, Employee Engagement, Purchase Intentions, Consumer Behavior

LACAP, SHAINA

Improving the Public Health Response to Respiratory Disease Outbreaks: Lessons from the COVID-19 Pandemic

The COVID-19 pandemic has disrupted the lives of millions of people across the world in terms of devastating social, economic, and health impacts. The U.S. faced several key challenges in handling the COVID-19 pandemic, including ineffective infection control, testing delays, disunified leadership, and the mass proliferation of misinformation. The purpose of this presentation is two-fold: first, to describe findings from a systematic review of peer-reviewed literature using online public health databases that investigate elements of an effective pandemic response, and second, to propose recommendations that can guide future public health responses to infectious respiratory disease with pandemic potential. The presentation will focus on evidence for the most effective masking, disease surveillance, and vaccination uptake practices. Now more than ever, it is crucial for societies to learn from what worked and did not work to manage future pandemics and invoke changes capable of improving health outcomes.

LITTERINI, CAMERON

Bioinformatic Investigations of Newly Identified cis-AT Polyketide Synthases in the Florida Red Tide Dinoflagellate, Karenia brevis

The causative organism for the Florida red tide, *Karenia brevis*, produces brevetoxins that cause death of mammals, and fish and human illnesses. No genes have been linked to brevetoxin biosynthesis, but new multi-modular polyketide synthases (PKS) were recently identified. The purpose of the study was to determine if *K. brevis* sequences, contigs 28414 and 54805, are unique to *K. brevis* or conserved amongst other organisms as well as to determine prevalence and active site residues of the KR[ER]KR domain organization. To determine their possible role in brevetoxin biosynthesis, I determined if these sequences were unique to *K. brevis* and investigated the unique domain organization of KR[ER]KR. Contig 54805 is unique while contig 28414 is not unique. The KR[ER]KR domain organization of contig 28414 is common. This organization is functional based on the literature. Future work will focus on active site residue presence in *K. brevis* sequences

LOBO, ISAAC

Decontamination of *Ammophila breviligulata* using foliar fungicide application

American Beach grass, *Ammophila breviligulata*, is an ecosystem engineer for coastal ecosystems as it maintains sand density, preventing erosion of the shoreline. It is the host of a fungal endophyte known as *Epichloe amarillan*, which is known to transition from mutualistic to parasitic depending on environmental conditions. An endophyte is a microorganism inhabiting the extracellular space of plant tissue having varying effects on the health of the host. The Cape strain of American Beach Grass is exclusively used in beach restoration efforts in North America. Understanding how its endophyte affects its fitness is imperative to maintaining the coastlines in a changing ecosystem. In order to study this relationship, we propose to remove the endophyte using a triazole fungicide known as propiconazole which inhibits proper formation of fungal cell walls. The fungicide application will be aimed towards the root system as it is hypothesized to provide improved decontamination.

LONG, HUNTER

"Hand After Hand" - an LGBTQ+ Feature Film

Hand After Hand, an LGBTQ+ Feature-Length film written, directed, edited, and acted in by Hunter Long, follows Quinn Lee, a high school jazz student living with an abusive father. Despite resenting his father, Lee inherits certain behaviors that have restricted his ability to sustain healthy relationships. Upon meeting Brayden Murphy, a fellow student who's a bit of a loner, Quinn finds himself exploring the kind of person he's capable of becoming. *Hand After Hand* is about conservatively treading sexuality amidst surviving a cycle of abuse. The project was supervised by Professor Martha Witt of the English Department.

MARTINEZ, JANAIS

Comparative Analysis of Black Women Composers During the Early 20th Century

This thesis opens the conversation on the different styles three American black women composers interpreted the poem *Dream Variations*, written by American poet and intellectual writer Langston Hughes. In order to comprehend their experience as a whole the term intersectionality is also discussed in order to acknowledge the layers of oppression that followed them. This analytical comparison of art songs will be done by analyzing the text, comparing their musical styles and understanding each of the composer's life and experiences of being a black woman in the 20th century. The purpose of opening this conversation is to honor these women's music by bringing to light their struggle and courage for pursuing a dream that many believed was unlikely. When people become aware of an issue and it is a frequent conversation there comes a point where people begin to take action to do something for the cause. Therefore, with continuing the conversation hopefully it will inspire conductors and performers to include these women's work as a standard in repertoire because it has been neglected for far too long

MCVEIGH, JULIANNA

The Integration of Climate Change Adaptation Measures into Local Zoning Ordinances

Climate change is causing localities across New Jersey to be at increased risk of flooding due to rising sea levels and frequency of severe weather events like hurricanes. Managing climate change impacts locally through the use of green infrastructure is a strategy that has been advanced by environmental public health. Zoning is the main policy practice used by municipalities to designate or prohibit land uses within sections of towns and creating regulations for use of property, including the integration of green infrastructure. This research uses qualitative content analysis to examine the extent to which select, at-risk New Jersey municipalities have integrated climate change adaptation measures into their respective zoning ordinances. This presentation will discuss where zoning ordinances conform to and stray from best practices and recommendations for improvement will be made.

MILLER, CARYN

Everything Green

Environmental sustainability has been coined the key term and the main solution to "saving" Earth from its pending destruction. The raw truth is simply that Earth as we know it can no longer handle and support human activities. The media, politicians, and influencers throw the word 'sustainability' at the public and expect them to know what to do. This project will be a combination of entertainment, opinion, and informational articles organized in a weblog that will aim to simplify what 'saving the planet' looks like in today's climate. In hopes to involve younger generations this project will suggestion simple actions that can make a difference and it will specifically highlight our current failures in understanding how to recycle properly, learning to be an active citizen and organizations actively helping in all areas of environmental protection. All while uncovering the truth about environmental sustainability and the term's ulterior meaning.

MILLER, ELIJAH

Should Pharmaceutical Executives be Held Criminally Liable for the Progression of the Opioid Crisis?

Prescription opioids have dominated the pharmaceutical markets bringing in large profit margins for major companies. These companies are now

considered responsible for the progression of the opioid crisis. Within this thesis we will examine the aggressive and illegal marketing strategies, as well as other misconducts that have taken place within these major pharmaceutical companies. More specifically, this thesis will look at the misconduct of Purdue Pharma LP. and the subsequent legal ramifications the company has had to face. In doing so, we will be able to see how pharmaceutical companies like Purdue are able to use billions of dollars in order to avoid any serious criminal liability in regards to the progression of the opioid crisis. Finally, we will make the argument that these companies should face much harsher criminal and civil punishments within the court of law for their misconduct. Keywords: Opioid Crisis, Purdue Pharma, Sackler family, Chapter 11

MITCHELL, ALICIA

The Physical Activity Environment in Clifton, New Jersey compared to Paterson, New Jersey

Objective: Strong evidence states that physical activity rates are low in the U.S. For individuals of non-white, low SES, and female gender, there has been little research on the built environment's effects on physical activity in communities of varying SES. This research examines how built environment supports physical activity in New Jersey cities of comparable size (Clifton and Paterson), parks, gyms, bike trails, and determining accessibility of these resources. Methods: The CPAT was used for data collection and analysis on park quality in Clifton and Paterson. Google maps was used to map gyms and bike trails and the ParkServe tool was used to determine access to parks. Data was analyzed in Excel and SPSS. Results: This presentation describes the physical activity environments of each city, comparing park density, quality, access, and the other data points described above. Recommendations are made for improving the built environment, encouraging physical activity for all.

MONAHAN, CAITLIN

Stress Levels of College Athletes

The stress associated with athletic performance has implications for college athletes; this study examines the evolution of stress over time-periods before a game. Division III college athletes were surveyed on their stress levels at different points leading up to competitions: night before, morning before and directly before competition. A 2(gender)x3(timeframe) ANOVA indicate a significant main effect of time before the game ($F(2,144)=3.88, p<.05$) and a significant effect of gender ($F(1, 144)=22.92, p<.05$) with no interaction.

MORAN, BRENNAN

The Benefits of Yoga on Singing

Yoga has become a popular activity in many areas of the world, but is less well-known for the positive effects it has on singing. Nonetheless, its intrinsic and extrinsic benefits on the voice and performance are bountiful. The goal of this paper is to provide a catalog that developing singers can use to aid in their study of the voice. The paper is divided into three sections: how yoga helps aid breath support, how it helps with mindfulness/acceptance as singers, and how it helps with posture/physical health. Each of these sections begins with a presentation of research that illustrates how yoga benefits the aspect of singing being examined. Subsequently, exercises are provided that can help singers improve this aspect of their singing, along with examples of modifications for beginners. Each section ends with explanations as to why each pose is beneficial for the singer.

MYRIAGKOS, STAMATIUS

Non-Serotonin Based Theories of Depression : A Review

Serotonin-based hypotheses of depression are the current foundation for modern antidepressants. This thesis is a comprehensive literature review that examines non-serotonin-based theories underlying depression. The goal is to explore alternative underlying mechanisms and treatments for depression with a focus on treatment resistant depression. A comprehensive search of articles is being conducted through Google Scholar and Psycinfo with reference sections of each article searched for additional sources to include in the review. The thesis will provide an effective review that researchers and clinicians can use as a resource.

NAHAR, SYEDA

What effects does infertility have on the mental health of women?

According to CDC, infertility is defined as not being able to conceive after one or more years of unprotected sex (CDC, 2021). Utilizing the PRISMA guide, the research was identified via CINAHL, NCBI, and PubMed. The eight research articles were evidence-based, research articles, or peer-reviewed written in the English language. Findings revealed that infertility has an impact on women's mental health and on the person as a whole. All aspects of one's life such as physical, emotional, sexual are affected by this disease of the reproductive system. The outcome of this integrative review will be crucial in establishing how infertility affects the health of women. It will also help to assess the relationship between social and cultural pressure in infertile women and mental health issues, as well as offer support.

NAVEO, LAUREN

How political marketing affects brand perception

As seen throughout the year 2020, companies and firms found themselves getting more and more involved in politics. When companies decide to involve themselves in politics it is important to understand the underlying effects of doing so. This study will dive into the repercussions and benefits that companies face when aligning themselves into political issues. By looking at both sides of the political spectrum for both the consumers and firms, this study shows ways in which companies can see positive and negative effects when using political messaging in their advertising and company affairs. Key words: Political messaging, brand perception, politics, advertisements, profits

OMAR, AYAH

Male Nursing Students Perceptions About Their Obstetrics and Gynecology Rotation

Nursing has been viewed as a female profession and never fit the cultural image of men. Previous studies have attempted to explore why male nurses have avoided working in obstetrics however, few attempted understanding the aspects of their perceptions during obstetrical rotations. A qualitative methodology was employed to evaluate the potential challenges male nursing students face and if it influences their interest in working in obstetrics post-graduation. A survey was emailed to all male nursing students who are currently in or completed their obstetrics rotation at William Paterson University. Results revealed that 93.3% of students felt welcomed by nursing staff, 50% by the patients, and only 25% were willing to work in OB post-graduation emphasizing job security as their main concern. This study may benefit other male nursing students who share similar experiences and allow for clinical preceptors to understand what their male students overcome while in their obstetrics rotation.

Paolantonio, Joseph

The Five Worst Presidents in US History

My project is a deep dive on presidential legacies. I am researching, recording, editing and presenting a video project about the five worst presidents in United States history. Although there are several ways to narrow this search down to just five, I used the measure of morality and integrity as major factors in my evaluation. The five presidents highlighted in this video are Franklin Pierce, James Buchanan, Andrew Johnson, Warren Harding, and Richard Nixon. This video project pushed me in my video creating and editing skills. My experience as a history and secondary education major here at William Paterson also gave me the proper background knowledge in efficiently presenting facts and ensuring historical accuracy in my research methods. As a whole, this project was designed to create a larger conversation among the viewers, as I merely give my opinion and hope to ignite discussion about presidential legacies beyond my video.

PISANO, TREY

Anatta and the avant-garde: the effect of Zen thought on American Music

In this thesis, I will show the clear influence that Zen, and other Eastern philosophies had on mid-20th century music. The influence of these philosophies can be seen in the evolution of art throughout the century. I will

look at the historical usage of music in Buddhism, and see how the philosophy itself views art. The thesis will also show that Zen had a profound effect on the minimalism shown in art in the mid-20th century. I contend that the intense changes in music that occurred in the United States, especially after World War II, were representative of a greater change in American culture.

POPENCUK, GABRIELLE

Investigation of novel Candida auris clade IV EG11 mutations on triazole resistance

Candida auris is an emerging fungal pathogen that can cause invasive infections in immunocompromised patients and demonstrates high rates of drug resistance, including to triazole antifungals. Triazoles inhibit an enzyme (Erg11) in the ergosterol biosynthesis pathway. Specific Erg11 amino acid substitutions identified in isolates of *C. auris* have been shown to directly contribute to triazole resistance. Two new amino acid substitutions (E102K and G459S) were recently identified in clinical isolates of clade IV. My project will evaluate these novel ERG11 mutations in relation to triazole resistance. Gap-repair cloning will be used to insert Erg11-E102K and Erg11-G459S alleles into the pRS416 plasmid and express each in *Saccharomyces cerevisiae*. Following plasmid sequence confirmation, drug susceptibility assays will determine if either allele causes reduced triazole susceptibilities in *S. cerevisiae*. This work will help determine if triazole antifungals are a viable treatment option for *C. auris* infections that contain these specific mutations.

PRESUTTO, CASSIDY

Covid-19 and Its Effect on the Personal Finances of Low-Income Families

The Covid-19 pandemic has shaped our lives in many ways. When the pandemic hit, millions of people experienced wage cuts, and some being terminated from their jobs completely. This study examines the effects of Covid-19 on personal finances, related to income level, ethnicity, and mental health. Low-income families were already struggling prior to the pandemic, Covid-19 only heightened their struggles. When you are earning less, you are spending less. People were unable to afford the simple necessities of life, and this, in turn, affects mental health. Mental health decreased immensely. Lastly, minority low-income families struggled more than white low-income families due "to 400 years of collective harms by federal, state, and local governments compounding over time," (Solomon & Hamilton 2020). I hypothesize that income, ethnicity, mental health, all affect the relationship between personal finance and covid-19. Finally, low-income families' personal finances were detrimentally affected because of the Covid-19 pandemic.

RIVERA, SEBASTIAN

Creative, Experienced, and Fast: How Cognitive Factors influence Smash Bros. Gameplay

Playing fighting games in a competitive setting, specifically one like Super Smash Bros. Ultimately, this could be influenced by reaction time, creativity, emotion regulation, and experience. With these concepts in mind, the goal of this research was to measure reaction time, creativity, emotion regulation, and experience as influences in successful game play. Initial analyses looking at hours played and reaction time show an inverse correlation ($r = -.378$) indicating that more experienced players have faster reaction times.

ROMANO, PAIGE

The Prevalence of Disordered eating in Nurses and Nursing Student Based on Perceived Stress

Stress in one's life is one of the top external factors that affect eating behaviors and food intake in humans with overeating, bingeing, restricting, purging along with dieting. Nursing students and nurses are in a constant high stress environment and must perform stressful tasks which may put them at an elevated risk for disordered eating or even having an eating disorder. Within this study, the relationships between stress and disordered eating were examined using three different tools, The Perceived Stress Scale, The Eating Disorder Examination Questionnaire and The Ways of Coping questionnaire. The data was collected using anonymous surveys

which were distributed on the campus of William Paterson University as well as to nurses in The New Jersey State Nurses Association. The findings from this study may help make a connection between the high perceived stress students and nurses are under on a daily basis to disordered eating behaviors.

ROTHSCHILD, YAELI

The Many Manifestations of PTSD

Post-Traumatic Stress Disorder (PTSD) is a disorder that gained recognition as veterans returned from war. As such, there has been an unconscious bias among society that PTSD is only found in veterans. This systematic review will delve into the literature to compare the symptoms and presentation of PTSD in veterans and PTSD in victims of another trauma, specifically intimate partner violence. The hypothesis of this study is that the symptoms of this disorder will be identical regardless of the type of trauma that was endured that caused the PTSD diagnosis. A total of eight articles were identified. Results reveal that the symptoms of PTSD regardless of the trauma are the same. These results may be utilized within clinical practice to allow people to receive a PTSD diagnosis regardless of the trauma he or she endured. Receiving an appropriate diagnosis allows for prompt treatment which helps with more positive patient outcomes.

SANDERS, JADA

Differences Between Undergraduate and Graduate Students

Depression and anxiety are mental health issues that impact the lives of many around the world and impact the lives of early adults. Asif and colleagues (2019) found that the frequency of depression and anxiety amongst university students was 75% for depression and 88.4% for anxiety. For my study, I used an anonymous survey to collect data from students at William Paterson University. Preliminary analyses indicate that all participants were in the normal range for both measures. Participants in this study did not show clinical signs of anxiety or depression. Furthermore, there were no differences between the graduate and undergraduate students. Although the groups were not equal because recruitment of graduate students was more difficult, the initial analyses found no differences. Further analyses will examine employment status and students' reports of how much they like school to see if those factors matter for the mental health of our participants.

SASSO, ALYSSA

A Clinical Case Study on the Preictal Phase: Identifying the Prodromal Symptoms of an Imminent Seizure

Seizures, which result from abnormal electrical activity in the brain, may present differently in individuals. The reason seizures come about may be due to some type of biochemical, environmental, behavioral, and/or hormonal stimuli stressful to the individual. This clinical case study examines a sixteen (16) year old subject with a history of seizures and who suffered a seemingly unprovoked tonic-clonic seizure, also known as a grand mal seizure in the summer of 2021. The focus of the study is to examine the subjects prodromal symptoms during what is called the preictal phase in an attempt to add more insight into the prodromes already studied. In addition, the issue of why some individuals experience prodromes for only several minutes while others may experience them for several hours is also explored. Examining the prodromal symptoms could aid in determining where exactly a seizure is taking place in the brain. Interviews were conducted with the subject and with an observer in order to collect information regarding the incident and the subject's prodromal symptoms.

SCHWARTZ, ETHAN

The Cons of Human Nature

Human Nature, written by Ethan Schwartz, is a collection of short stories that includes a variety of plots, settings, and characters. Social isolation and internal suffering torment the main characters, convincing them to commit heinous crimes, wallow in self-pity, or even make attempts on their own lives. Despite the physical distance between the characters, they are connected by their youth, psychological abnormalities, and depression. The stories lend a new perspective on what it means to be human. This project has been supervised by Dr. Martha Witt of the English Department.

SHAHIN, EMIR

Developing a Tissue Culture protocol for the disinfection of *Epichloe ammarillans* from its plant host, *Ammophila breviligulata*

'Cape' American beach grass, *Ammophila breviligulata*, hosts a fungal endophyte, *Epichloe ammarillan*. Studies in commercial grasses demonstrate that plant-fungal interaction can range from mutually beneficial to parasitic depending on environmental conditions or plant genotype. Since the 'Cape' strain is used almost exclusively in restoration efforts and is 100% infected with the endophyte, identifying the conditions under which the interaction is beneficial to the plant may help improve restoration efforts. Therefore, we propose to remove the endophyte from the 'Cape' strain using the triazole fungicide, propiconazole. This fungicide is located in a liquid solution known as tilt which will be administered to plant samples that were cut from the aboveground nodes either through a spray bottle, pipet, or dipping the plants directly in the liquid. These samples will then be examined throughout the treatments and stained to see if removal of endophyte has occurred in any of the trials.

STACK, NICOLE

STI in Older Adults in New Jersey

Objective: Sexually transmitted infection (STI) rates among older adults in the United States have increased over the past ten years and remain a public health issue. The purpose of this study is to examine the rates of STIs in this population in New Jersey and identify if they are at a high risk. Methods: The New Jersey State Health Assessment Database (NJSHAD) was used to examine trends in chlamydia, gonorrhea, syphilis, and HIV among older adults from 2012 to 2020, examining these trends by race/ethnicity and gender where possible. Results: This presentation will highlight trends in STIs among older adults in New Jersey and compare rates of disease in New Jersey to the US overall. Conclusion: STIs remain a problem for older adults. Prevention strategies to address the particular risks and needs of this population should be further developed and implemented.

STANTON, MICHAELA

The Effects of Mirror Therapy on Phantom Limb Pain in Patients with an Amputation : An Integrative Review

Mirror therapy is a simple, inexpensive treatment that is helpful in treating phantom limb pain. The purpose of this paper is to examine existing literature related to effects of mirror therapy on phantom limb pain in patients with amputations. A search was performed using PubMed and CINAHL. The PRISMA chart was used to narrow the results. Eligibility criteria includes peer reviewed articles written in English, including the terms phantom limb pain and mirror therapy, and having a population of patients with amputations. 24 articles were examined, and common themes were explored. It was discovered most articles found a decrease in pain and visual input being an important component to mirror therapy's success. Overall, mirror therapy's low cost and independent implementation made it favored over other therapies. This study will assist all healthcare workers, especially nurses, about a simple intervention that can be used for patients with phantom limb pain.

SUIAFAN, JENEEN

Recognizing and Removing Barriers to Psychotherapeutic Treatment within Arab Culture

Arab culture has shown disapproving attitudes towards seeking psychotherapeutic practices. While being aware of the need to be culturally sensitive, there have also been efforts to challenge prevailing attitudes and make therapy more palatable. This thesis explores ways in which culture impacts the utilization of therapeutic resources, specifically in Arab cultures. An important factor to consider is that cultural norms dictate what is considered to be "mental illness". The cultural sensitivity and the dyadic match between the therapist and patient also has a strong effect on whether or not an individual successfully seeks out therapy and adheres to the required practices. People within these cultures struggle with accepting and changing their culturally influenced ideology regarding mental illness as well as views which challenge the efficacy of therapy. This thesis captures the perspective of mental health professionals within the community and their insights on what factors keep individuals from trusting psychotherapy.

SWETLITSCHNYJ, ALEX

I Wanted to Sing My Growth: Kanye West and Musical Innovation in Hip-Hop

Kanye West released his fourth studio album, 808s and Heartbreak, in the year 2007, shocking the music world to its core. My thesis addresses what was new in the album, why the album was so important to its fans, and how this album has affected other recording artists. Many scholars and critics have argued the album breathed life into hip-hop and even launched a new subgenre, fueling the creativity of the generations to come. Music critic Bailey quotes artist and longtime collaborator of Kanye West, Rhymefest in saying, "He is 'living art' who is creating within a society that is constantly watching, gathering information, and scrutinizing... it's important to note that a song is never just a song, and especially when it comes from oppressed communities where music is such an important expression, it is a tool for healing, and a tool for communication; one that connects generations" (Bailey xiii).

TANIS, ZACHARY

Factors That Affect Financial Wellbeing

The purpose of this study is to look at the different aspects of people's lives that affect their financial wellbeing. This study looks at how gender, age, formal education, and financial knowledge are all items that change someone's eventual financial wellbeing. Financial wellbeing is one of the most important factors in a person's economic life. Financial wellbeing is an area that affects different areas of people's lives. Proper preparation and financial wellbeing can lead to lower stress and healthier relationships with one's family. For this study we used a survey which used a series of questions that measured financial wellbeing which then made it possible to correlate the aspects of their life with their financial wellbeing.

TIMMS, COLLETTE

Characteristics of Burnout in Nursing: A Systematic Review of Literature

This systematic review was conducted to highlight what factors lead to burnout-syndrome in the nursing field. Burnout-syndrome is the fastest growing phenomenon among that is causing nurses to leave their bedside hospital positions. Research focused on what factors lead to burnout syndrome started in the nineties but still has not made significant progress to resolve the issue. Using the PRISMA guide, a literature search will be conducted using CINAHL (Cumulative Index to Nursing and Allied Health and Medline (vis ProQuest). Eligibility criteria will be to include only registered nurses, hospital-based workplace setting, and not limited to a hospital specialty. A total of 8 articles were identified using the criteria. Preliminary results revealed themes of emotional exhaustion and low personal accomplishment.

VASHEY, KAYLA

Adverse Childhood Experiences and Suicidal Behavior

Adverse Childhood Experiences (ACEs) have been shown to affect health outcomes of those who experienced one or more ACE's before the age of 18. This study uses the ACEs in conjunction with the Suicidal Behaviors Questionnaire- Revised (SBQ-R) to assess how adverse childhood experiences may be correlated with suicidal behavior. Previous studies have shown that higher ACEs scores are correlated with suicide attempts. The present research focuses on the relationship between ACE score severity and suicidal behavior. There were 109 participants from diverse backgrounds who participated in this empirical study. The hypothesis was confirmed, as a positive correlation between Adverse Childhood Experiences and suicidal behavior was found.

VELASCO, ALEXANDER

The Hope in Coffee

As with any new technology, Twitter started out as something unfamiliar that must be able to convince the general population that it is worth using. This research studies whether Twitter is worth using perceived by the patronages based on the Technology Acceptance Model (TAM). The model includes benefits a person receives from using Twitter such as enjoyment, usefulness, and ease of use. All these aspects of user experiences play a role in the attitude a person has towards Twitter thus leading to his/her

willingness to use it. This study also argues that worriedness of privacy protection and political alignment of the content on Twitter moderate the abovementioned relationships.

VOGELAAR, MEGHAN

Bedtime Procrastination: A self-regulation perspective on a common cause of sleep deficiency

The negative impacts of sleep deprivation are well known, and recent studies have shown that bedtime procrastination due to poor self-regulation is often the cause. The aim of this research was to add to the limited knowledge base examining insufficient sleep as a self-regulation problem and to determine if a relationship existed between these two variables. Data for the study was collected via anonymous surveys distributed through social media and email which yielded a total of 116 participants. After the data was analyzed using SPSS, a statistically significant negative correlation ($p=0.32$) was found between levels of bedtime procrastination and self-regulation scores. Additional results demonstrated that individuals who slept between 9-10 hours per night had significantly lower bedtime procrastination scores than individuals who got an average of 4 or less hours per night. These findings reveal that individuals who sleep less or have lower self-regulation more often will delay bedtime.

WATERS, STEPHANIE

Eating Disorders and Social Media: An Analysis of Recovery Narratives on Social Media

Anorexia Nervosa is an eating disorder that can affect anyone, but young women are most likely to develop it. Medical intervention and therapy are the recommended forms of treatment, but many women have also found support from others recovering from anorexia through social media. On Instagram, women are documenting their recoveries and sharing their experiences with anorexia, recovery, body image, diet culture, and mental illness. This research uses narrative analysis to better understand how young women are using Instagram to tell their Anorexia Nervosa recovery stories and to understand important milestones in the recovery process such as accomplishments in recovery, setbacks, relapses, and hospitalizations, among others. It also looks at if and when the women had an epiphany, where they realized they were ready to move from quasi recovery to full recovery. This presentation will share key findings and show how those in eating disorder recovery can learn from other's narratives.

WHEELER, BRIAN

The Role of Data Visualization in Decision-Making

In the era of data abundance, organizations across industries strive to make data-driven decisions. However, it is difficult to comprehend data if not presented properly. This magnifies the importance of data visualization, a powerful tool to help individuals digest complex information and make better decisions. To showcase how data visualization contributes to the marketing field, I examine whether data visualization enables quick (decision time), efficient (heuristic information processing), confident (perceived uncertainty), and accurate (task accuracy) marketing decisions. Drawing on cognitive fit theory, I further examine task complexity to show that data visualization is more beneficial when tasks are complex than simple. To test my hypotheses, I will administer an experiment by recruiting participants from Mturk and manipulating the degree of data visualization (low vs. high) and task complexity (simple vs. complex). Data results, discussions, and managerial implications will be presented. Keywords: Marketing Analytics, Data Visualization, Task Complexity, Decision-Making

WILSON, JAE

Idle Minds are the Devil's Playground

Idle Minds are the Devil's Playground is a narrative exploration into the various ways in which trauma, in particular religion-based trauma, can affect the lives and minds of individuals. These stories feature young queer people harmed by conversion therapy and strict religious upbringings. "Presentence Writer" explores the ways that guilt, self-esteem issues and complicated understandings of empathy can damage a person. "Sticks and Stones May Break my Bones but Knives Leave Pretty Scars" explores the life

of a transgender girl undergoing and escaping religious abuse, and "Good Kid" tells the story of another transgender teen sent to a conversion camp who grapples with her reputation and identity. All three short stories expose the ways in which lingering trauma, guilt, and self-hatred shape a person's development.

YALAMANCHILI, BHAVYA

Chronic Pain Content on TikTok: An Analysis

Background: Chronic pain has a worldwide prevalence of 20%, affecting individuals of all ages, including children. It is 13% more prevalent in adolescent girls than boys. Purpose: The study focuses on categorizing, analyzing, and assessing TikTok videos thematically and for the presence of specific ideas and or concepts such as creator demographics, chronic pain types, and treatments. Methods and Results: 100 TikTok videos created by and targeting adolescents and young adults discussing chronic pain will be analyzed using quantitative methods and descriptive statistics. Content categories will be pre-determined based on the MMWR and CDC guidelines for prescribing practices for chronic pain and literature review. Conclusion: Understanding the health information created by and available through social media to individuals suffering from chronic pain, especially adolescents and young adults can provide insight about their struggles and perspectives, which can help provide prevention strategies to better address this problem in this population.