

SOURCE 2020 SESSIONS



POSTERS

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M	Experiences of Student Athletes	1-7
N	Influence of Social Media	8-14
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Q	Mental Health and Attitudes	34-40
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Poster Session M: Experiences of Student Athletes

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Poster

#	Abstract Title	Student Author(s)	Department	Mentor(s)
1	The Impacts of Financial Compensation of Student-Athletes at the NCAA DI Men's Basketball in the Labor Market	Gabriel Boscardin Dias	Accounting, Finance, and Economics	L. Pantuosco
2	Should College Athletes be Paid?	Thomas Glenn	PESH	J. Chung
3	Stress in College Students and How Athletics Plays a Role	Taylor Brown	PESH	J. Wojcik
4	Student-Athlete Stigmatization of Mental Illness	Sara McGuire	PESH	D. Schary
5	The Effects of Protein Timing on Performance Measures in Athletes	Heath Byrd	PESH	J. Boyd
6	Emotional Maturity in Athletes	Ashlynn Harris Megan Loveland,	PESH	D. Schary
7	College Students' Perceptions of Athlete versus Non-athlete Privilege	Karina Grant, and Vijay Mishra	Psychology	M. Sleight

Poster Session N: Influence of Social Media

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#	Abstract Title	Student Author(s)	Department	Mentor(s)
8	Media Influence on Viewers' Perceptions of Athletes	Austin Whiteside Stephanie Carr,	PESH	J. Chung
9	The Real and Perceived Effects of Social Media Usage on Relationship Outcomes, Influence of Social Media Exposure, Knowledge and Officer Location on Police Perceptions	Kayla Pelle, Tiana Whitney, and	Psychology	T. J. Collins
10	Perceptions of Sexual Harassment in Ambiguous Social Media Posts and Comments	Victoria Newman Mary M. Morris and Vanessa Vaughn	Psychology	M. Sleight
11	The Effects of Media on Gender Identity/Sexual Orientation Comfort and Attitudes towards the LGBTQ+ Community	Katherine Harper and Jaylan Luvane	Psychology	T. J. Collins

	Young Adults' Argumentativeness and Responsiveness to Social Media Posts			
13	Varying in Emotional Tone	Derek Velez	Psychology	M. Sleigh
	Self and Social Acceptance: How Popular			
14	Media Affects the LGBTQ+ Population	Erin Streetman	Psychology	T. J. Collins

Poster Session O: Health and Disease

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#	Abstract Title	Student Author(s)	Department	Mentor(s)
15	Expression of Endothelial Protein C Receptor in Prostate Cancer	Jessika Bonner and Austin Brewington	Biology	L. Glasscock
16	Scholarship	Jadden Bergholm	English	C. Chen
17	Childhood Obesity in Relation to Low Socio-economic Status	Nathaniel McLean	PESH	D. Schary
18	Caffeine Consumption Among Adolescents	Meredith Howey	PESH	D. Schary
19	Underwater Treadmill Training on Different Populations	Ashley Erwin	PESH	J. Boyd
20	Improving BMD in elderly women with osteoporosis	Hadasah Hoffmann	PESH	D. Schary
21	The Efficacy Of Mindfulness Interventions in the Treatment of Chronic Diseases	Zak Butt	PESH	J. Wojcik
22	Impacts of Physical Activity on Sexual Health and Experiences	Holly Ellis	PESH	S. Hamill

Poster Session P: Sports Injuries

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#	Abstract Title	Student Author(s)	Department	Mentor(s)
23	Return-To-Play After Ulnar Collateral Ligament Injuries in Baseball Players	Heidi Edwards	PESH	A. Aslakson
24	Knee Pain and Injury in Volleyball Athletes	Tori Dube	PESH	D. Schary
25	Shoulder Injuries in Volleyball Players	Emily Wunder	PESH	D. Schary
26	Injuries to the Shoulder Complex in Professional Tennis Players	Connor Williamson	PESH	D. Schary

27	Shoulder and Elbow Injury Prevention in Baseball Pitchers	Taylor Charlton	PESH	D. Schary
28	Concussions and Injuries in Football Ways of Prevention and Rehabilitation from Spinal Injuries in Contact and Non-contact Sports	Malik Harper	PESH	J. Chung
29	Rehabilitation of Anterior Cruciate Ligament injuries	Alisa Soloveva	PESH	J. Boyd
30		Taylor Robinson Javon Koiner, Whitney Carter, Emily Denardo,	PESH	D. Schary
31	Injury Prevention for Lower Extremities in Basketball: A Literature Review	Zavier Mattison, and Dabreon Jordan Fields,	PESH	J. Boyd
32	The Comparison of Ballistic Stretching Versus Other Stretching Methods: A Review of Literature	Lillian Peay, Victoria Taylor, Shajeh Horton, and	PESH	J. Boyd
33	Benefits of Physical Rehabilitation on Post-operative Tibial Plateau Leveling Osteotomy Patient	Heather Gilmer	PESH	A. Aslakson

Poster Session Q: Mental Health and Attitudes

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#	Abstract Title	Student Author(s)	Department	Mentor(s)
34	Social Work Students' Knowledge and Attitudes Towards Autism	Hannah Buckner and Jenna Kutz	Social Work	M. Constance-Huggins
35	Knowledge of and Attitudes Towards Autism Spectrum Disorder	Ryan Zavitkovsky	Psychology	M. Sleight
36	The Connection Between Mental Health and Physical Activity	Rachel Fisher	PESH	D. Schary
37	Implications of the Gut-Brain-Microbiome Axis and Stress Response for Maladaptive Eating Behavior: A Literature Review	Emily Garrett	Human Nutrition	H. Lima, K. Evans, C. Guenther
38	Mental Health Effects on Young Athletes: A Comprehensive Review	Katie Moore Gary Broadwater,	PESH	J. Boyd
39	Perceptions of- and Barriers to- Help-Seeking Behavior in College Students	Kelley Horton, and Alexis Turrill	Psychology	T. J. Collins

40	Mental Health Effects on Young Athletes: A Comprehensive Review	Katie Moore	PESH	J. Boyd
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Poster Session R: The College Experience

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#	Abstract Title	Student Author(s)	Department	Mentor(s)
41	Far From Home: Consumption and Personalization in College Dorms	Mattin Avalon and Kaitlyn Clingenpeel Selena Gonterman,	Sociology, Criminology, and Anthropology	M. Sickels
42	College Students' Attitudes More Negative Toward Older versus Same-Aged Peers	Janie Howland, and Olivia Guillen-Blas	Psychology	M. Sleigh M. Reeves,
43	The Relationship Between Future Orientation, Social Support and GPA	Chelsea Harris	Psychology	M. Hayes
44	Process Goals Raise Academic Confidence and Performance of First-Generation College Students	Gabrielle E. McGee Kahdaijah Williams,	Psychology	D. Nelson
45	Relationships Between Family Values, Academic Motivation and Performance	Jarismary Polo, and Taji Mayberry Kelsey L. Allen, Gabrielle E.	Psychology	T. J. Collins
46	The Effects of Competition and Student Ability on Achievement Goals	Shannan Keianna McGee, and	Psychology	M. Hayes
47	Partner Characteristics, Confidence, and Knowledge Predict Sexual Consent Attitudes	Andrea D. Ward, Erin Creed, and Nadirah Madyun	Psychology	M. Sleigh
48	Relationship Norms in China versus the U.S.	Allee Campbell	PESH	S. Hamill
49	Relationships Between Sleep Disturbance, Energy Levels, Low-Energy Coping Mechanisms, and GPA	Eva Hermanova and Kanisha M. Rhodes	Psychology	T. J. Collins

Poster Session S: Gender, Ethnicity, and Bias

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#	Abstract Title	Student Author(s)	Department	Mentor(s)
50	Age, Race, and Sexism Predict Hostile and Benevolent Ageism.	Madison DeMott	Psychology	D. Nelson
51	Dual Process Model and Perceptions of Gendered Communication	Megan Herbst and Elle Martinez Ashley	Psychology	M. Hayes
52	Young Adults' Perceptions of a Mid- and Post- Transition Transgender Woman	Underwood, Marcus Julien Victoria Sulak,	Psychology	M. Sleigh
53	The Effect of College Setting on Perceptions of Cisgender-Transgender Interactions	Haley Kane, and Ashely Underwood	Psychology	M. Sleigh
54	Ambivalent Ageism, Familiarity, and Empathy as Predictors of Charitable Donation Decisions.	Madison DeMott	Psychology	D. Nelson, M. Sleigh
55	Young Adults' Perceptions of Non-Gender Conformity Across Occupations	Orion Hanna and Emily K. Hayes	Psychology	M. Sleigh
56	The Impacts of Racial Integration and Free and Reduced Lunch Program on Quality of Education in Rock Hill	Shannon Barber and Daniel Brown	Political Science	H.-S. Kim, S. Smith
57	Concerns Pregnant African American Women Face within the Healthcare System	McKenzie Mosley	PESH Mass	A. Aslakson
58	Two Drug Epidemics in a Racist World: Comparing the Crack Crisis with the Opioid Epidemic	Téa Franco Keonna Jordan, Chance Walcott,	Communicati on	W. Schulte
59	Perceptions of Professional Women's Eurocentric Versus Afrocentric Hair	and Jamesia Morris Kiara Brown, Khaila R. Moss, Alanna M. O'Brien, Sadarria T.	Psychology	M. Sleigh
60	Women's Rights on a National Level: Worst Versus Best States for Women to Reside	Hall, and Tayler S. Leone	Psychology	D. Ritzer
61	Why Can't Women Win in the Workforce?	Isabelle Schmidt	Communicati	W. Schulte

Poster Session T: Crime and Political Issues**SOURC****E****Poster**

#	Abstract Title	Student Author(s)	Department	Mentor(s)
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62	Active Shooter Protocols: Perceptions, Preparedness, and Unintended Consequences	Veronica Worthington Chloe Rizer, Veronica Skubisz, and Iyegbekosa Siobhan Omoigui	Psychology	M. Reeves, M. Hayes
63	Willingness to Commit Crimes in Relation to Prior Crime Exposure and Personality Factors that Predict Knowledge and	Alexis McInnis and Alexandra Smith	Psychology	T. J. Collins
64	Perceptions of Police Use of Force		Psychology	M. Sleigh
65	Past and Present Views on Criminal Responsibility	Kalvin Anfinson Joseph Yakabowskas, Vincent P. Wasner, and Broderick E.	Philosophy & Religion	M. G. Oakes
66	Terrorism in Nigeria: An Economic Problem		Political Science	H.-S. Kim
67	Soil Skirmishes: A study of political violence in Kenya and Uganda	Michael Kendree	Interdisciplinary Studies	B. McFadden
68	Castro and the United States during the Cuban Missile Crisis	Dayseanna Able	History	G. S. Crider
69	Motivations Behind Joining Social Movement Organizations	Katy Osborne	Psychology	M. Hayes

Poster Session U: Immigration

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#	Abstract Title	Student Author(s)	Department	Mentor(s)
70	How Party Affiliation Affects Perceptions toward Undocumented Immigrants: A Survey Research Evidence among University Students	Catalina Harmon	Political Science	H.-S. Kim, S. Huffmon
71	The Influence of Common Reminders on Attitudes towards Immigrants	Elle Martinez	Psychology	M. Hayes
72	The Relationship between Social Dominance Orientation and Ethnocentrism: The Case of Attitudes toward Illegal Immigration	Elle Martinez	Political Science	H.-S. Kim, S. Huffmon
73	What Immigration Means For U.S Employment and Wages	Lilibeth Lopez	Accounting, Finance & Economics	L. Pantuosco

Poster Session V: Food, Environment, and Climate Change

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#	Abstract Title	Student Author(s)	Department	Mentor(s)
74	Food Security and Social Conflict: A Comparative Analysis of Four Latin American Countries	Reagan Cady	Sociology	M. Aysa-Lastra
75	Remote Sensing and Decomposition Rates of Forest Succession Plots in the Piedmont of South Carolina	Dakota Shope and Blake Campbell	Chemistry, Physics & Geology	S. Werts
76	The Survival of The American Beef Farmer in Today's Market	Zackary Heustess	Accounting, Finance & Economics	L. Pantuosco
77	Nutrition and the Labor Market	Jesse Defalco	Accounting, Finance & Economics	L. Pantuosco
78	The Bridge	T. J. Peeler	Interdisciplinary Studies	B. McFadden
79	Climate Change Induced Relocation of Coastal Alaskan Communities	Sara Rose Mulligan and Lauren Forsythe	Interdisciplinary Studies	M. Bollinger
80	Microplastics in the Bahamas: Tiny Plastics, Big Problem	Norah Mendoza	Chemistry, Physics & Geology	D. Boyer
81	Energy Conserving Behaviors Among Winthrop University Students	Joshua Ateca	Interdisciplinary Studies	C. Johnson, M. Bollinger, J. Sinn
82	Updating of USGS Data for Large Scale Land Use Analysis	Sara Rose Mulligan	Interdisciplinary Studies	B. McFadden
83	Methods for Mapping Algal Blooms: Do They Produce Similar Results?	Paige Denney	Interdisciplinary Studies	B. McFadden

Poster Session W: Religion and Philosophy

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#	Abstract Title	Student Author(s)	Department	Mentor(s)
84	Factors that Influence Young People's Spiritual Beliefs During the Transition to Adulthood	Adalaina Musheff	Psychology	M. Sleight

85	Religion, Mindfulness, and Resilience as Strategies to Cope With Anxiety	Kristen Watson, Hailey Upton, and Sara Warner	Psychology Philosophy & Religious Studies Mass Communicati on	M. Sleigh
86	Story of Conversion: Why People Choose to Change Religions	Kathryn Priddy		P. Judge
87	Ethics in the Global Village	Ashley Holbert		W. Schulte
88	Do nonhuman animals have the capacity for ethics and morals?	Breanna Walden	Biology	W. Rogers

Poster Session X: Books, Film, and Media

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#	Abstract Title	Student Author(s)	Department	Mentor(s)
89	The Correlation Between Film Score and the Film's Success	Courtney AR Singleton	Music	R. Parks
90	Digital Access as a Socioculturally-Minded Process: a Literature Review	Anslie Vickery	English	C. Chen
91	Creating a Cult: How the Canterbury Monks Capitalized on the Myth of Thomas Becket in Popular Culture, Visual and Textual Imagery, and Branding	Martha Whiteman	Fine Arts	K. Sweeney
92	Reviewer Comparisons of Popular Books and the Associated Film Adaptations	Elizabeth Johnson	Psychology	D. Ritzer

Poster Session Y: Sports and Fandom

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#	Abstract Title	Student Author(s)	Department	Mentor(s)
93	Examining the Impact of New Rule Changes on the Perception of Major League Baseball amongst Casual and Diehard Fans	David Winston	PESH	J. Chung
94	Examining Travel Motives of College Football Away Games	Justin Rhode	PESH	J. Chung
95	Fan's Emotional Reactions during a Live Sporting Event	Caroline Rowell	PESH	J. Chung

	Problems with the NFL Collective Bargaining Agreement in Comparison with NBA and			
96	MLB Collective Bargaining Agreement Motivation to Participate in Adaptive	Morris Buckery	PESH	J. Chung
97	Cycling	Mollie Barron	PESH	J. Chung
98	Examining the Psychometric Evaluation of how Consumers Purchase Game Day Tickets	Gweneshia Wadlington	PESH	J. Chung
	Yoga Practitioner's Chosen Facility Based on Their Motives for Practice and its		Management	
99	Implications in Marketing Strategies	Cherilyn Heintz	& Marketing	S. Lawson

Poster Session Z: Biology and Biomedical Research

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#	Abstract Title	Student Author(s)	Department	Mentor(s)
		Hunter Tristen Cannon, Ayden Maxwell Dybik, Nicole R. Garcia, Joel A. Haley, Caleb M. Meyerand, Dallas Nivens, Lauren E.		
100	Characterization of <i>Microbacterium liquefaciens</i> Bacteriophages Isolated from the Local Soil Environment on the Winthrop University Campus	Patterson, Alexis A. Ramirez, Jordan N. Rucker, and Laela Hunter Tristen Cannon, Ayden Dybik, Nicole R. Garcia, Joel A. Haley, Caleb M. Meyerand, Dallas Brandon Ellison and Alexandra Perez	Biology	K. Westover, V. Frost
101	Characterization of <i>Microbacterium foliorum</i> Bacteriophages Isolated from the Local Soil Environment on the Winthrop University Campus	Dybik, Nicole R. Garcia, Joel A. Haley, Caleb M. Meyerand, Dallas Brandon Ellison and Alexandra Perez	Biology	K. Westover, V. Frost
102	Measuring Heat Related to the Disassembly and Reassembly of Ferritin using Isothermal Titration Calorimetry		Chemistry, Physics & Geology	N. Grossoehme Y. Zhang (MIT), J. Hurlbert
103	Mapping Brain-Wide Inputs to Two Distinct Thalamic Nuclei	Juliana Quay	Geology	
104	Diet Analysis of Juvenile Dragonflies using Group-Specific Polymerase Chain Reaction	Rachael Rowe and Whitney Player	Biology	C. Tant

105	Optimization of RNA Isolation Methodology from Three-Dimensional Collagen Hydrogel Culture Systems	Nathan C. Kidd and Chandler E. Burt	Biology	M. Stern
106	Isolating, Purifying, and Investigating Mycobacterial Lysogens	Allyssa Lewis	Biology	V. Frost
107	Host Range Investigations of Novel Bacteriophages	Bethany M. Wise	Biology	K. Westover, V. Frost
108	Evaluating the Effects of Detergent Concentration on the Ultrastructure and Recellularization of Porcine Internal Thoracic Artery Scaffolds	Carlos E. Escoto-Diaz and Jesse B. Kooistra	Biology	M. Stern
109	Investigation of an Indirect Defense Mechanism of <i>Chapmannia floridana</i> in Florida Scrub	Mackenzie Jenkins	Biology	J. Schafer
110	Investigating the Responsiveness of Embryonic Chick Retinal Ganglion Cells to Semaphorin-3A	Shane Lacanin, Nancy F. Cisse, and Allison T. Reed	Biology	E. Birgbauer
111	Optimization of Culture Conditions for the Simultaneous Recellularization of Porcine Internal Thoracic Artery Scaffolds with Multiple Cell Types	Holdyn C. Ferguson	Biology	M. Stern

Poster Session AA: Physical Sciences, Math, and Computer Science

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#	Abstract Title	Student Author(s)	Department	Mentor(s)
112	Synthesis of Diarylpyridines as Aggregation Inhibitors for Alzheimer's Amyloid- β Peptide	Kendall J. Claxton	Chemistry, Physics, and Geology	J. Hanna Jr., R. Lammi
113	Seven-Step Linear Synthesis of Racemic Nicotine Highlighting the Grubbs' Ring-Closing Metathesis	Ellie Burns	Chemistry, Physics, and Geology	A. Hartel
114	Thermodynamic-based Discovery of New K-La-Zr-O Compounds via Hydrothermal Synthetic Methods	Thomas Sullivan	Chemistry, Physics, and Geology	M. Gelabert
115	Developing Microfluidic Devices for Assisted Reproductive Technologies	Darien K. Nguyen, Amir Mokhtare, and Alireza Abbaspourrad	Chemistry, Physics, and Geology	A. Abbaspourrad (Cornell U.)

116	Investigation and Optimization of the Synthesis of the Sphingosine Kinase 1 Inhibitor	Tiffany Dwyer	Chemistry, Physics, and Geology	T. C. Grattan D. Wilson (UNC Charlotte)
117	Artifact Classification and Value Promotion in Makerspaces	Dominique Exley Connor Leyers,	Computer Science	
118	Large-Scale Analysis of HTTP Response Headers	Joshua Paytosh, and Nolan Worthy	Computer Science	A. Besmer
119	A Mathematical Framework of Turbulence in Adaptive Optics	Hannah Elser	Mathematics	Z. Abernathy

Poster Session AB: Wages and Economics

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#	Abstract Title	Student Author(s)	Department	Mentor(s)
120	The Impact of Pay Gaps in Sport: Beyond Gender	Carleigh Greene	PESH Accounting, Finance & Economics	J. Chung
121	The Middle Class Problem	Ahmad Jones	Accounting, Finance & Economics	L. Pantuosco
122	Determining the Effects of Corporate Social Responsibility Programs and Wages on Turnover Rates for Fortune 500 Companies	Jacob Wacaster	Accounting, Finance & Economics	L. Pantuosco
123	Measuring Efficiency in The Soviet Union Labor Market	Angelica Urrego	Accounting, Finance & Economics	L. Pantuosco
124	Student Loan Debt and the Impact on the Labor Market	Christopher Simpson	Accounting, Finance & Economics	L. Pantuosco
125	Minimum Wage Effects on Seattle's Economy	Charles Seinsheimer	Accounting, Finance & Economics	L. Pantuosco
126	Millenial Influence on Labor in the Pet Industry	Taylor Hendrix	Accounting, Finance & Economics	L. Pantuosco
127	Understanding the Economic Impact of the Carolina Panthers Training Facility on Rock Hill	Jeremiah Hart	Accounting, Finance & Economics	L. Pantuosco

Poster Session AC: Education and Teachers

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#	Abstract Title	Student Author(s)	Department	Mentor(s)
128	The Shortage Of Teachers In America Today	Avery Davis	Accounting, Finance & Economics Education	L. Pantuosco S. M.
129	Stress of Preservice Teachers	Marissa Atkins	Core	Catalana K.
130	Digital Rhetoric in Library Websites: How Do We Change the One in Five Statistic?	Lily Barfield	English	Richardson
131	Active Shooter Protocols: Effects on University Faculty and Staff	Veronica Worthington	Psychology	M. Reeves
132	The Differences in Student Engagement in Preschoolers/Kindergarteners with Attention and Impulse Control Problems	Brianna McGee	Psychology	C. Fortner- Wood
133	Foreign Language and Mathematical Ability Predict Cognitive Performance	Katya Engalichev	Psychology	M. Sleigh