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<tr>
<th>Time</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>8:30 am</td>
<td>Students Set up Posters</td>
<td>McGovern Lounge</td>
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<tr>
<td>9:00 am</td>
<td><strong>Morning Poster Session</strong> (McGovern Lounge)*</td>
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<tr>
<td>9:00 am</td>
<td>USJ Cares Event</td>
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<tr>
<td>10:00 am</td>
<td>Oral Presentations 1</td>
<td>McDonough &amp; Crystal Room</td>
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<tr>
<td>11:00 am</td>
<td>Research Roundtables</td>
<td>Crystal Room</td>
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<td></td>
<td>Art Display</td>
<td>Bruyette Lobby</td>
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<tr>
<td>12:00 pm</td>
<td><strong>USJ Cares Event</strong></td>
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<tr>
<td>12:30 pm</td>
<td>Oral Presentations 2</td>
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<td>Oral Presentations 3</td>
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<td>2:30 pm</td>
<td><strong>Afternoon Poster Session</strong> (McGovern Lounge)*</td>
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<td>3:15 pm</td>
<td>Breakdown Posters</td>
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Morning Poster Session

9:00 am - 9:45 am
McGovern Lounge
(By Discipline)

Biology

**Andrea Pezzullo**: The Effects of Bisphenol A (BPA) Contained in Plastics on the Human Endocrine System  
*Faculty Sponsor: Dalia Giedrimiene*

**Morgan Beebe**: Investigating the Role of miR-130a in EMT in Breast Cancer Cells  
*Faculty Sponsor: Irene Reed*

**Skylah Miller**: How Salty Is Too Salty? Investigation of the Salt Tolerance of Midori Giant Soybeans Grown under Hydroponic Conditions  
*Faculty Sponsor: Kirsten Martin*

Dietetics

**Giovanna Rodriguez**: Investigating Food Hedonics in Chemotherapy Patients  
*Faculty Sponsor: Melissa Brown*

**Kelly Wetmore**: Study of the Impact of Sleep Quality and Quantity on the Associated Factors of Nutrition Intake and Exercise Regimen of Female Athletes  
*Faculty Sponsor: Melissa Brown*

**Amber Nobbs**: Assessing the Strength of Sustainable Eating Knowledge in Registered Dietitians  
*Faculty Sponsor: Melissa Brown*

Interdisciplinary Studies

**Chamroeun Chhorn**: The Effects of Climate Change on the Arctic Fox  
*Faculty Sponsor: Agnes Curry*
Nursing

Gina Calo, Emilee Tirino, Davishka De Silva, Laura Serafin, Alyssa Nobrega, and Lilybeth Padilla: Mindfulness and Anxiety among Seniors enrolled in the Nursing Program at the University of Saint Joseph  
   Faculty Sponsor: Lucinda Canty

Nutrition

Samantha Nimmons: Assessing the awareness and level of understanding of “diabulimia” among Registered Dietitian Nutritionists (RD/RDN)  
   Faculty Sponsor: Melissa Brown

Amy DeStefano: The Association between Breastfeeding versus Formula-Feeding During Infancy and Childhood Obesity/Overweight  
   Faculty Sponsor: Melissa Brown

Anthony Cruise: Self-Imposed Diets among Male College Athletes  
   Faculty Sponsor: Melissa Brown

Sarah Roach: The Impact of Intermittent Fasting On Muscle Strength and Performance in Athletes  
   Faculty Sponsor: Melissa Brown

Genieva Gandham: The Impact of Dietary Acculturation on Traditional Diets and Food Choices of International College Students Studying in the United States  
   Faculty Sponsor: Melissa Brown

Rachel Collins: Beliefs and Practices Regarding Fad Diets  
   Faculty Sponsor: Melissa Brown

Annie Fredericksen: The effect of micronutrient education on collegiate athletes  
   Faculty Sponsor: Kaneen Gomez-Hixson

Pharmacy

Madeline Kravitz and Victoria MacLelland: Antisense applications of PNA  
   Faculty Sponsor: Anisha Gupta

Public Health

Alyssa Latko: Promoting effective programs and communication lines to prevent suicide  
   Faculty Sponsor: Kaydian Reid
Morning Oral Presentations Session 1

10:00 am – 10:45 am
(Listed by Room)

Crystal Room, Moderator: Kaitlin Walsh

John Monroe and Anthony Butler: Digital Media and Holcomb Farm
  Faculty Sponsor: Pablo Correa

Crista Fiala: Anticlerical Satire in Spain’s First Picaresque Novel
  Faculty Sponsor: Diana Valencia

MCD 108, Moderator: Kevin Callahan

Sarah Maglio, Boh Meh, and Hannah Cox: The Impact of Technology on Children’s Development
  Faculty Sponsor: Katharine Buck

Marie Emerson, Kelvin Canton, and Kacy O’Connor: Parental Perspectives on How COVID-19 Has Impacted Education
  Faculty Sponsor: Katharine Buck

MCD 112, Moderator: Ryan Kimball

Cindy Sum: The Impact of Meat Consumption on our Environment and Health
  Faculty Sponsor: Nancy Billias

Clara Marler: The Effect of Climate Change and Global Warming on Arctic Marine Species
  Faculty Sponsor: Nancy Billias

MCD 200, Moderator: Eylssa Miller

Joseph Nguyen: Bacterial Analysis of the Scantic River and Surrounding Soils in Consideration of Potential Human Health Impacts
  Faculty Sponsor: Derek Dube

Maria Sophia Teresa Lee Padilla: Detecting Coronavirus Infection with Infrared Spectroscopy
  Faculty Sponsor: Derek Dube

MCD 213, Moderator: Rammi Hazzaa

Samuel Majek: Development of a synthetic method for Cyclic Carbamate Oxazinones Regioisomers
  Faculty Sponsor: Sarah Zingales

Syed Ali: Exploring the Role of MicroRNAs in an Endometrial Cancer Model of Epithelial-Mesenchymal Transition
  Faculty Sponsor: Irene Reed
Events from 11:00 am - 12:00 pm:

Research Roundtables (Crystal Room)

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This Research Roundtables event is for USJ undergraduate and graduate students to connect with USJ faculty that are conducting research and pursuing scholarly endeavors across various fields of study.

Students will be able to have conversations about:

- What research looks like in different disciplines
- How it is being approached right here at USJ
- Why it is beneficial for students to get involved
- How to make some of the student-faculty connections that lead to positive research experiences

Additionally, there will be a free take-away lunch for all those in attendance!

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Art Display (Bruyette Lobby)

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Take a walk through Bruyette lobby and enjoy the beautiful creative works on display from art courses taken this semester. Courses include Watercolor and Drawing 1. Come enjoy the art work!
Afternoon Oral Presentations Session 2
12:30 pm - 1:15 pm
(Listed by Room)

Crystal Room, Moderator: Michelle Kraczkowski

**Nyasia Reid**: Analyzing Changes in Wetland Size and Species Presence Based on Various Conditions and Collection Methods
*Faculty Sponsor: Michelle Kraczkowski*

**Brandon Jurkowski**: Identifying Invasive or Native *Phragmites australis* Using DNA Barcoding
*Faculty Sponsor: Michelle Kraczkowski*

MCD 108, Moderator: Isaac Gottesman

**Kristin Florek and Erica Hoyt**: In an urban school system, what are the most frequent forms of behavior problems, and how can parent involvement help?
*Faculty Sponsor: Katharine Buck*

**Ayesha Nazir**: An Examination of Parent Training on the RULER Approach to Improve Preschool Children’s Emotional Intelligence
*Faculty Sponsor: Katharine Buck*

MCD 112, Moderator: Kristin Cistulli

**McKayla Lawlor**: United States Prison Labor Economics
*Faculty Sponsor: Agnes Curry*

**Thomas Laskowski**: Correlation between burnout, coping mechanisms, and workload in nursing students
*Faculty Sponsor: Kristin Cistulli*

MCD 200, Moderator: Ryan Kimball

**Zoe Trzaskos**: Comparing Entry Mechanisms of HPV16 VLPs in Cervical and Oropharyngeal Cells
*Faculty Sponsor: Derek Dube*

**Yael Cano**: Development of Near-infrared Northern Blot Technique for Studying RSV RNA
*Faculty Sponsor: Chadene Tremaglio*

MCD 213, Moderator: Rammi Hazzaa

**Ariana Gazaferi**: Optimization of three-component synthesis of oxazinones for anti-Alzheimer’s properties
*Faculty Sponsor: Sarah Zingales*

**Maaham Jafri**: Progress towards the Production of a Novel Oxazinone with Potential Therapeutic Properties
*Faculty Sponsor: Sara Zingales*
Afternoon Oral Presentations Session 3

1:30 pm - 2:15 pm
(Listed by Room)

Crystal Room, Moderator: Michelle Kraczkowski

Peter DeBassio: Campus Phenology Project: Hotspot Hunting
   Faculty Sponsor: Michelle Kraczkowski

Caitlyn DiAngelis: Pollinator Plants & Pollinators in the USJ Grasslands Environment
   Faculty Sponsor: Kirsten Martin

Matthew Goebel and Maria Porth: An Examination of Positive Youth Development Programs Impact on Socialization and Life Skills
   Faculty Sponsor: Katharine Buck

Madeline Kravitz and Faria Iqbal: Next generation peptide nucleic acids targeting oncogenic miRNAs
   Faculty Sponsor: Anisha Gupta

MCD 108, Moderator: Isaac Gottesman

Matthew Goebel and Maria Porth: An Examination of Positive Youth Development Programs Impact on Socialization and Life Skills
   Faculty Sponsor: Katharine Buck

MCD 112, Moderator: Dianna Wentzell

Bernadette Quinn Suarez: A Smoking Cessation Intervention for Patients in the Primary Care Setting
   Faculty Sponsor: Theodora Sirota

Jessenia Sterling: The Effect University’s Engagement has on the Hispanic Students’ Graduation Rate
   Faculty Sponsor: Rachel Payne

MCD 200, Moderator: Chadene Tremaglio

Jacob Wyse: The Importance of Pre-Participation Screening of Young Athletes for Sudden Cardiac Death Prevention
   Faculty Sponsor: Dalia Giedrimiene

Timothy Moy: E49 effects on cancer cells
   Faculty Sponsor: Mark Sweezy

Oliwia Szok, Tamar Duquette, Ashley Kolodziejczyk, and Jennifer Skaanning: Young Adult Stress and Coping: What Role Do Comfort Foods Play on Our Health and Wellness?
   Faculty Sponsor: Lucinda Canty
Nina Nevarez, Brielle Bergeron, and Rachel Camponelli: Identifying Knowledge Gaps in the Athlete Population Regarding Cardiomyopathy and Interventions to Bridge Identified Gaps

*Faculty Sponsor: Lucinda Canty*
Afternoon Poster Session

2:30 pm - 3:15 pm
McGovern Lounge

(By Discipline)

Biology

Hayden Burbank: How Do Some of Our Daily Habits Affect the Recovery Rate from an Injury?
   Faculty Sponsor: Carol Millard

Emily Huntley: Exploring the Role of Calnexin (CANX) and Integrin Alpha V (ITGAV) in RSV Infection
   Faculty Sponsor: Chadene Tremaglio

Counseling

Megan Midura: Group Proposal: Child-Centered Play Therapy for Enhancing Prosocial Skills
   Faculty Sponsor: Jessica Motroni-Banik

Dietetics

Mario Mandarino Jr: Food Choice in the Presence or Absence of Hunger
   Faculty Sponsor: Melissa Brown

Fine Arts

Clara Marler: Art in the Cosmos
   Faculty Sponsor: Julia Wintner

Health Science

Alyssa Roy: Evaluating the Effect of Temperature Extremes on Maternal and Fetal Health
   Faculty Sponsor: Derek Dube

Nursing

Maya Matug: Microplastics and Their Effect on Humans
   Faculty Sponsor: Nancy Billias

Gina Calo: Holistic Birth Control Follow-Up Care in Young Adult Women
   Faculty Sponsor: Lucinda Canty

Emily Luna, Alyssa Sheltra, Kira Dethlefsen, Jordyn Testa, Brianna Santilli, Taylor Bergin, and Semije Alka: Community Health Assessment: STDs in College Students
   Faculty Sponsor: Lucinda Canty
**Nutrition**

**Jennifer Moore:** Food Allergies and Food Pantries  
*Faculty Sponsor: Melissa Brown*

**Hannah Mozdzierz:** Is there evidence that suggests a relationship between polyunsaturated fatty acid intake, such as omega-3, and depression in adults with moderate, chronic depression?  
*Faculty Sponsor: Melissa Brown*

**Sienna Caron:** Effectiveness of an Educational Video Intervention on Collegiate Athletic Trainers’ Knowledge Level Related to Relative Energy Deficiency in Sport and Hormonal Contraceptives  
*Faculty Sponsor: Kaneen Gomez-Hixson*

**Maya Gibson:** Thin Body Type Expectations of Registered Dietitian Nutritionists (RDN) and its Impact on Practitioner Diversity in the Nutrition and Dietetics Field  
*Faculty Sponsor: Kaneen Gomez-Hixson*

**Pavelon Vang:** What are Some of the Effects of Rising Temperatures on the Nutritional Status of Adolescents Worldwide?  
*Faculty Sponsor: Nancy Billias*

**Marie DiMeglio:** The Role of Registered Dietitians in Multidisciplinary Settings as Experienced by Women with Polycystic Ovarian Syndrome  
*Faculty Sponsor: Melissa Brown*
### Appendix

**List of Posters Presenters:**

<table>
<thead>
<tr>
<th>Session Presenting at</th>
<th>Presenter</th>
<th>Poster #</th>
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<td>Morning</td>
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<td>Morgan Beebe</td>
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<td>Emily Luna, Alyssa Sheltra, Kira Dethlefsen</td>
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### List of Oral Presenters:

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<td>Cindy Sum</td>
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<td>Madeline Kravitz and Faria Iqbal</td>
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**Contact:**  
For questions regarding Symposium Day, please contact:

**Randa Elbih, Ph.D.**  
Assistant Professor of Education/Special Education  
Email: relbih@usj.edu

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Assistant Professor of Biology  
Email: mkraczkowski@usj.edu