EXPLORATIONS
Research, Scholarship and Creative Expression
20th Anniversary
APRIL 2 - MAY 2, 2019
Events Campus-Wide

WILLIAM PATERSON UNIVERSITY
EXPLORATIONS 2019:
Research, Scholarship and Creative Expression at William Paterson University

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12th Annual Undergraduate Research Conference
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Poster and Cover Art
Robert Brady, Undergraduate Student, Prof. Matt Finn, Art Department

William Paterson University, Copyright 2019
### SCHEDULE AT-A-GLANCE

#### April 2
- **College of Arts and Communication**
  - 11:00 to 12:15, Ballroom A
- **Interdisciplinary Poster Session #1**
  - 12:30 to 1:45, Ballroom B&C
- **Cannabis Research Institute**
  - 12:30 to 1:45, Ballroom A

#### April 4
- **Interdisciplinary Poster Session #2**
  - 12:30 to 1:45, Science Hall Lounge

#### April 6
- **13th Annual Undergraduate Research Symposium**
  - UC Ballrooms, 8:00 to 5:30

#### April 9
- **Interdisciplinary Presentations #1**
  - 11:00 to 12:15, UC 171B
- **Interdisciplinary Presentations #2**
  - 12:30 to 1:45, UC 171B
- **Interdisciplinary Presentations #3**
  - 2:00 to 3:15, UC 171B
- **Technology Across the Curriculum**
  - 2:00 to 3:15, UC 171A

#### April 10
- **College of Arts and Communication**
  - 11:00 to 12:15, UC 171 A&B
- **College of Arts and Communication**
  - 2:00 to 3:15, UC 171 A&B

#### April 11
- **College of Science and Health**
  - 11:00 to 3:15, UC 171 A&B
- **College of Education**
  - 12:30 to 2:30, UC Student Center 216

#### April 18
- **Cotsakos College of Business**
  - 11:00 to 3:15, Valley Rd Auditorium
- **College of Humanities and Social Sciences**
  - 12:30 to 1:45, Atrium 125
- **Cheng Library Authors Reception and OSP Recognition Awards**
  - 3:30 to 5:00, UC Ballroom C

#### Honors Research Week Presentations
- **April 9**
  - **Business, Cognitive Science and Neuropsychology Tracks**
    - 9:00 to 4:30
  - **Performing and Literary Arts Tracks**
    - 7:00 to 9:00, Cheng Auditorium
- **April 10**
  - **Music, Biology, Clinical Psychology, and Neuropsychology Tracks**
    - 9:45 to 5:00
- **April 11**
  - **Nursing, Independent, and Business Tracks**
    - 8:30 to 5:00
Office of Sponsored Programs

Promoting Ideas Into Knowledge

The Office of Sponsored Programs (OSP) provides assistance and support to William Paterson University faculty and staff who seek external grant or contract support for research, teaching, service, public programs, creative endeavors, conferences and other types of projects from federal, state, and other government sponsors, grantmaking public charities, professional associations, and some commercial sponsors. The OSP concentrates its activities in three areas:

- Proposal development, submission and finalization of contracts (Pre-Award)
- Award set-up, management, and reporting (Post-Award)
- Fulfillment of contract terms and regulatory requirements (Compliance)

Mission and Services

The mission of the Office of Sponsored Programs is to provide value-added assistance to encourage, develop, and support the research, scholarship, education, creative and community service aspirations of William Paterson University’s faculty, staff, and students.

The Office of Sponsored Programs accomplishes its mission by:

- Collaborating in the development of projects and leading the submission of proposals to Federal, State, and other government sponsors, grantmaking public charities, professional associations, and some commercial sponsors.
- Securing and initiating awards, supporting stewardship and compliance requirements, and assisting in closing out individual awards.
- Developing, monitoring and implementing policies to ensure compliance with sponsor expectations and related regulatory requirements.

Benefits of External Support

- Increases impact of research activities that create new knowledge
- Encourages artistic activity that creates and shares culture
- Promotes teacher professional development that enables excellent educational practices
- Recognizes the contributions of the recipient’s research, creative or service activity to their colleagues and the community
- Supports business development that strengthens the economy
- Inspires students to reach their goals
- Engages project leaders in personal and professional growth

If you are interested in seeking external funding to support a new or ongoing project or activity, contact the OSP:

973-720-2852
Christine Bravo
Assistant Director
BravoC4@wpunj.edu

309 Raubinger Hall

www.wpunj.edu/osp
The University Honors College at William Paterson University is a place where academically gifted students explore new ideas and engage in intellectual and creative collaborations with experienced and dedicated members of the faculty. It offers a rigorous curriculum with a challenging array of courses, seminars, and co-curricular activities. The University Honors College provides a comprehensive educational experience that brings together the academic, residential, social, and cultural experiences of its students. It is open to students in all colleges and majors. Nearly 400 students are currently enrolled in the Honors College.

Honors College students participate in a first-year program of Honors courses in the University Core Curriculum. Subsequently, they pursue an interest through one of the 10 honors research or creative tracks, in addition to the disciplinary major. The tracks prepare the student for independent research and result in a senior-level thesis or creative project.
Communicating and Engaging in the Digital Age

Abstract

We are living in “The Digital Era,” amid the forces of high-speed networking, cloud computing, the “Internet of Things” or, better yet, the “Internet of Everything.” Our arrival here is the culmination of the gradual transition from an analog world, reliant upon electronic and mechanical instruments, to one where computers and microprocessors permeate every fiber of the socio-economic fabric. Paired with the accelerated pace of digitization over the past decade we are in the midst of a veritable revolution that is transforming how business is conducted, how scientists engage in research and discovery, and how our citizens are educated and pursue their livelihoods. Dr. Chapel’s presentation will explore the dynamics of these phenomena more deeply and identify technology resources, tools and strategies for scientists, educators and employers to harness the intrinsic value of data and information to navigate the new realities governing how we communicate and engage in the digital age.
**Biography**

A career educator, technology leader, social scientist and Chief Information Officer at New Jersey’s largest private and second largest public universities for the past twenty years, Dr. Edward Chapel’s commitment to active collaboration with industry partners, peer organizations and the NJEdge membership serves as a key driver in the advancement of operational effectiveness and strategic objectives of its member organizations. With a focus on enabling digital technologies, he ensures each client solution is value-based, future-focused and engineered to deliver an end-user experience that is unsurpassed. In addition to overseeing the delivery of a high performing network and ecosystem of purpose-built technology assets and applications, his dedication to NJEdge’s shared services consortium approach and advancing professional development through the NJEdge Communities of Practice enables New Jersey’s education, healthcare, governmental and corporate enterprises to thrive and grow.

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**Agenda**

5:30 – 6:00  
Guests arrive, dinner starts

6:00 – 6:10  
Welcome remark from **Dr. Venkat Sharma**, Dean of College of Science and Health

6:10 – 6:40  
Invited Speaker from UPS

6:40 – 6:45  
Keynote Speaker Introduction: **Dr. Cyril Ku**, Professor of Computer Science Department, William Paterson University

6:45 – 7:30  
Keynote Speech: **Dr. Edward Chapel**, Senior Vice President and Chief Operating Officer, NJEdge

7:30 – 7:45  
Q & A with **Dr. Edward Chapel**

7:45 – 7:50  
Wrap up and thank attendees and speakers, **Dr. Cyril Ku**

7:50 – 8:30  
Refreshments and student conversations with **Dr. Chapel, UPS Speaker** and **Recruiters**

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*The UPS Computer Information Technology Lecture Series is made possible by a generous grant from the UPS Foundation of UPS.*

**All are welcome.** This lecture series is open to everyone in the William Paterson University community. For further information, please contact Dr. Cyril S. Ku (**kuc@wpunj.edu**, 973.720.2952), Department of Computer Science, William Paterson University, Wayne, New Jersey

**Please RSVP to Lauryn Lupino** (**lupinol@wpunj.edu**, 973.720.2934) by April 10, 2019
You are cordially invited to attend and present your research at the 13th annual Undergraduate Research Symposium in the Biological and Chemical Sciences at William Paterson University of New Jersey. In its 13th year, this regional symposium provides an excellent forum for undergraduate researchers to present their original work at a regional meeting. Posters are invited in the following areas of research:

**Physiology, Behavior, Cell & Molecular Biology, Genetics and Ecology & Evolution, Environmental Science**

**Organic and Inorganic Chemistry, Biochemistry, Nano Chemistry, General & Physical Chemistry and Materials Chemistry**

Posters will be judged by a panel of attending Mentors and awards will presented to the best undergraduate poster presenters. Participant Abstracts will be published in a Symposium Proceedings. For more information and Free Registration log onto: [www.wpunj.edu/cosh/departments/biology/urs/](http://www.wpunj.edu/cosh/departments/biology/urs/)

Send your Abstract and Registration by March 20, 2019 at: [biochemurs@wpunj.edu](mailto:biochemurs@wpunj.edu)

**SCHEDULE**

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<th>Time</th>
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<tr>
<td>8:00 - 8:45 am</td>
<td>Registration &amp; Breakfast</td>
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<tr>
<td>8:45 - 9:15 am</td>
<td>Welcome and Opening Remarks</td>
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<td>9:15 - 11:15 am</td>
<td>Poster Session A</td>
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<td>11:45 - 1:00 pm</td>
<td>Lunch Break</td>
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<td>Plenary Talk</td>
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<td>4:30 - 5:00 pm</td>
<td>Awards Ceremony</td>
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**PLACE:** University Commons Ballroom
5th Annual Cyber Security and Big Data Analytics Symposium: Today’s Threats and Crucial Strategies for Remediation

April 24, 2019 • William Paterson University
University Commons Ballroom
300 Pompton Road, Wayne, NJ

Keynote speaker Rebecca Gott, IBM Distinguished Engineer, will present “Understanding Blockchain and Its Potential Impact.”

- Industry experts will deliberate Blockchain’s advantages, disadvantages, and alternatives from business, technical, and financial perspectives.
- Experts from New Jersey Cybersecurity and Communications Integration Cell (NJCCIC) will lead discussions about cyber-crime protection against ransomware, data theft, malware, and more.
- The effectiveness of big data analytics tools like ELK Stack and Hadoop will be examined.

For more information or to register: wpunj.edu/cpe • 973.720.2354
Interdisciplinary Poster Session #1
Tuesday April 2 12:30 to 1:45
University Commons, Ballroom B & C

Rosmeiry Valera, Yun Kai Chong, Michelle Cardenas, Tania Chowdhury, Marsha Akoto, Anna Krisak, Melissa Henao, Rose Moise, Osairys Billini, Forida Raja, Aileen Torres, Winnie Ma, Psychology
Clinical Symptoms, Family Separations and Acculturation in Recently Immigrated Latinx and Bangladeshi Middle School Youth

Amy Learmonth, Jordan Stewart, Ruchael McNair, Tuba Masood, Kirsten Fernandez, Shazna Ali, Victoria Hanks, Psychology
Only Adults Figure Out A Complex Location Cue

Vincent Loud, David Freestone, Computer Science
Reimagining the Skinner Box

Reem Eldabagh, Chemistry
Exploration of the Photocatalytic Activity of Eosin Y in Benzylic Peroxidation Reactions

Frank Leon, Professional Communication
Social Media’s Impact on the world of Professional Wrestling

Leslie MacDermid, Professional Communications
Baby Boomers and Online Dating

Melissa Mayer, Communication
Use and Impact of Social Media on Job Seekers and Human Resource Professionals

Abdulaziz Albarshaa, Communication
The effect of Snapchat’s micro-celebrities on consumer buying behavior in Saudi Arabia

Salman Alqahtani, Professional Communication
The Role of social media in Americans’ perception of Saudi Arabia as a tourist destination

Jazmine Perdomo, Kyung-Hyan (Angie) Yoo, Professional Communication
Influencer Marketing and Consumer Purchasing Behavior: Two-Step Flow Perspecve

Zachary Ryan, Professional Communications
The Role of Facebook Group Engagement in Railfanning

Gregory Synsmir, Professional Communication
Activism amongst College Students in the age of Social Media
Tydasia Williams, Professional Communication

*The Effects Social Media Has On Using Colorism to Depict African American Beauty*

Chris Trembath, PCOMM

*You’re Getting a Little Too Personal: How Gender Personalization in Chatbot Design Affects Customer Satisfaction*

Michaela Gardiner, Shana Foster, Holly Leonard, Kelly Dykman, Ryan Wizner, Liam Aylward, Harry Maisch, Martin Becker, Michael Griffiths, Environmental Science

*Chondrichthyans from the Lower Clayton Limestone Unit of the Midway Group (Paleocene) near Malvern, Arkansas, USA with Comments on the K/Pg boundary*

Brandon Johnson, Kinesiology

*Dextrocardia in 35 year old*

Allison Neumann, Chelesia Clarke, Michael Griffiths, Martin Becker, Sora Kim, Harry Maisch IV, Robert Eagle, Clint Mautz, Kenshu Shimada, Matthew Young, Environmental Science

*The Extinction of the Megatoothed Shark Otodus megalodon: Preliminary Evidence from Clumped Isotope Thermometry*

Medine Sahin, Thomas Haughey, Chemistry

*Anionic clays - synthesis and application pathways*

Judy Bernsetin, Trevor Courtright, Kaelyn Deleon, Lisandra Hidalgo, Matthew Jaekel, Casey Murphy, Madeline Reina, Tamia Williams, Benjamin Berth, Trevor Courtright, Kaelyn Deleon, Iesha Falen, Yazmin Fritzes Junco, Kevin Mckiernan, Casey Murphy, Nancy Riascos, Tamia Williams, Languages and Cultures, 

*Linguistics Student Posters*

Elizabeth Galetz, Nursing

*Simulated Role-Play to Improve Attitudes and Empathy Towards Older Adults in Accelerated Nursing Students*

Christopher Meola, Exercise Science

*Internship Case Study*

Kaytlynn Knyfd, Austin Degen, Troy Nixon, Environmental Science

*Tracing Storms and Climate Change Through Tree-Ring Growth Patterns on Coastal Marine Forests in NY and NJ*

Sumithra Raghavan, Kassandra Rendon, Marsha Akoto, Psychology

*Mental Health, Social Capital and Academic Success in First Generation College Students*

Leslie Trigoura, Maria Holganza, Chemistry

*The Efficient Copper Catalyzed Homocoupling and Heterocoupling of Terminal Alkynes*

Jay Foley, James Varner, Noor Eldabagh, Derek Volta, Reem Eldabagh, Raghad Nofal, Aya Matari, Chemistry

*WPThermal: pioneering the design of materials for harnessing heat*

Matt Finn, Robert Brady, Seoyoung Sarah Park, Kohl Donnelly, Yara Abaza, Michael Scrivana, Kayla Perez, Gabrielle Alvarado, Art

*Class projects to create Explorations 2019 poster*
Interdisciplinary Poster Session #2
Thursday April 4 12:30 to 1:45
Science Hall Lounge

Sara Steinel, Nellie Cordova, Cyril S. Ku Computer Science
  A Knowledge Discovery Approach to Mental Health Problems in New York City: Phase Two

Ciara Nazaruk, George Antoun, David Hack, John Bae, Kinseiology
  B1G opportunity: motivations and experiences of student volunteerism at the Big Ten Men’s Basketball Tournament

Joseph Duncan, Jason Wicke, Anthony Duncan, Kinseiology
  The Impact of Foam Rolling on Ground Force Reaction and Vertical Jump Height

Alexander Geleski, Dr. Jason Wicke, Kinseiology
  Biomechanical Analysis of Throwing with and without Ball Release

Ryan Wizner, Brianna Chandra, Jeremy Scott, Environmental Science
  Examination of a Suburban Lake for Effects from Nonpoint Source Pollution and Copper Sulfate Treatments by Brianna Chandra, Jeremy Sco, Ryan Wizner, Jennifer Callanan, Michael DaSilva, and the students of ENV-3760-70 Fall 2018

Natasha Lopes-Cunha, Mathematics
  Cryptography and Mathematic

Brianna Smith, Kevin Martus, Biology
  Current Probe Measurements of a Plasma Jet

Omayma Hassanain, Communication
  Rational Choice and The Influencing Factors of Relational Transgression

Nora Jamal, Communication: Digital Media
  Political Awareness of Twitter among Saudi Students in The United States

Daniel Toth, Professional Communication
  Alternative Sports and Social Media

Ahmed Alsaykhan, Communication
  The Impact of Foodies’ Reviews on Social Media Toward Millennials Food Decision Making
Muhammet Enes Erol, Michael Figueroa, Edin Hadzovic, Kinesiology

**Determination of Heart Rate Percentages at Anaerobic Threshold and The Accuracy of Different Types of Heart Rate Monitors**

Trayer Run-Kowzun, Kinesiology

**The Effect of a 7-Week Progressive Adaptation Yoga Practice on Hamstrings Flexibility**

Nidhi Shah, Kinesiology

**Physical therapy for bilateral knee osteoarthritis**

Nicholas Simon, Kinesiology

**Blood Pressure Response to Chiropractic Manipulation in Hypertensive Individuals**

Austin Degen, Environmental Science

**A 4000-year environmental evaluation of mid-Atlantic coastal wetlands from paired geochemical and diatom analysis of surficial and down-core sediments**

Miryam Wahrman, Corey Basch, Sarah MacLean, Philip Garcia, Biology

**Escherichia coli on the internet: The power of YouTube to educate and influence consumer behavior regarding pathogenic bacteria**

Jordan Cola, Kinesiology

**The Effects of Various Warm-Up Devices on Bat Velocity in Collegiate Baseball Players: A Pilot Study**

Toni LaSala, Jordan Cola, Michael Figueroa, Racine Emmons, Kinesiology

**Determination of Exercise Intensity That Elicits Maximal Fat Oxidation on a Body Weight Supported Treadmill in Normal Weight Males**

Christina Mouser, Ben Eck, Mathematics

**An Analysis of Internet Based Videos Used to Cope with Math Anxiety**

Michelle Rosselli, Megan Chesin, William Tsang, Elizabeth Jeglic, Michele Cascardi, Psychology

**Title: Knowledge and Acceptance of Suicide are Greater among College Students who Watched 13 Reasons Why Compared to their Peers who did not**

Bogong Su, Erh-Wen Hu, Weihua Liu, Computer Science

**Comparing DSP Store Performance Prediction Models at Source Code Level - from Analytical to Stochastic**

Shellecia Smith, Halema Jalil, Public Health

**Utilizing Health Education Skills for Prison Tutoring in The Petey Greene Program**

Naa-Solo Tettey, Soomin Ahn, Steven Nagamine, Public Health

**Assessing Codeine Use through Hip-Hop Lyrics: A Call to Action for Public Health Educators**

Urvi Patel, Natalie Obrecht, Maitry Mahida, Psychology

**Influential Factors in Choices of College Major**
Yomary Collazo, Natalie Obrecht, Maitry Mahida, Urvi Patel, Psychology
  *Meta-ethical viewpoints: To what extent do people think ethical rules are objective?*

Weihua Liu, Bonggong Su, Dev Dave, Natalia Zaytseva, Camila Murillo, Computer Science
  *Machine Learning Techniques for Sow are Performance Predicon at Source Level*

Weihua Liu, Oliver Alvarado, Jeffery Albanese, Computer Science
  *The statics properties of XOR-FCSRs*

Joan Inoa, Mansi Patel, Chemistry
  *Green Chemistry: Benzylic Functionalization via Visible-light induced photo redox catalysis*
**Interdisciplinary Presentations**

**Tuesday, April 9**

**University Commons, Room 171 B**

**11:00 to 12:15**

**Thomas Heinzen, Psychology**
*Case Study of a Baseball Umpire With a Hangover: The Shadow of Our Future*

**Jay Foley, Chemistry**
*WPTherm: pioneering the design of materials for harnessing heat*

**Deniz Yucel, Sociology and Criminal Justice**
*Differential Effects of Direct and Indirect Contact on Prejudice among Greek Cypriots and Turkish Cypriots over a Ten-Year Period*

**12:30 to 1:45**

**Megan Conrad, Psychology**
*Exploring the Role of Personality, Expectations, and Self-Efficacy in Childbirth Experiences*

**Emmanuel Onaivi, Biology**
*Advances in Cannabis and Endocannabinoid System Research*

**Leslie Trigoura, Chemistry**
*The Efficient Copper Catalyzed Homocoupling and Heterocoupling of Terminal Alkynes*

**Brenda Marshall, Dustin Hill, and Maria Tobago, Nursing**
*Sgma and Substance Use Disorder (SUD)*

**2:00 to 3:15**

**Lydia Albuquerque, Nursing**
*Contribution of Short-Term Medical Mission (STMMs) to City of Canaan, Hai: Clinic of Hope*

**Keumaje Park, Sociology and Criminal Justice**
*The Paradoxical Positioning of Asian-Americans in the U.S. Racial Structure*

**Maxwell Johnson, History**
*Milia Chris: A Reevaluation of Norman Piety regarding the First Crusade*

**Kelley Healey, Biology**
*Specific ERG11 Mutations Identified in the Emerging Fungal Pathogen Candida auris Contribute to Azole Reduced Susceptibility*

**Avinash Arya, Accounting and Law**
*Business Cycles through Dynamic Compensation Structure*
Tuesday  
April 2

University Commons, Ballroom A

11:00 to 12:15

Christopher Herbert, Music  
_Transcription of Original Colonial American Music Manuscript_

Jennifer Owlett, Communication  
_Evaluating Crisis Responses on Twitter: Perspectives from Situational Crisis Communication Theory & Person-Centered Messages_

Julie Nagle, Art  
_Interdependent Space and Sound_

Wednesday  
April 10

University Commons, Room 171 AB

11:00 to 12:15

Payton MacDonald, Music  
_Sonic 8 Recordings_

Lori Ramos, Communication  
_Vieques Oral History Project_

Zhiyuan Cong, Art  
_An International Art Competition Project: Paper Money Brought to the West, Phoenix Sang in Persia_

2:00 to 3:15

Angie Yoo, Communication  
_Real-time Social Media Engagement and Millennials’ Event Experience_

Nicholas Hirshon, Communication  
_“Generation K”: The New York Media and One of Baseball’s Biggest Disappointments_

Jin-A Choi, Communication  
_The Effects of Controversy on Social Media Celebrities’ Endorsement Power_
Cotsakos College of Business
Thursday April 18 11:00 to 3:15
Valley Road Auditorium

Lianzan Xu, Accounting and Law, Francis Cai and Ge Zhang, Economics, Finance and Global Business
*Hybrid Earnings Management Pre- and Post-SOX*

Giuliana Campanelli and Alexandros Panayides, Economics, Finance and Global Business, and Susanna Tardi, Sociology
*The Rise of Contingent Faculty in the US System of Higher Education*

Jim Samuel, Rajiv Kashyap, and Myles Garvey, Marketing & Management Sciences
*That Message Went Viral?! Exploratory Analyses and Sentiment Analysis of the Propagation of Popular Tweets*

Mahmoud Watad and Cesar Perez-Alvarez, Marketing & Management Sciences:
*The Interplay of Cultural Identity, Decision-Making and Creative Strategies*

Zhang Chuanqian, Economics, Finance and Global Business
*Operating Leverage and Underinvestment*

Valeriya Avdeev and Sia Nassiripour, Accounting and Law
*Tax-Return Screening Inefficiency of the Internal Revenue Service: What Can be Done to Increase Compliance and Detection of Erroneously Claimed Educational Credits?*

Lawrence Verzani, John Malindretos, and Tao Guo, Economics, Finance and Global Business
*Financial Advice and Portfolio Diversification*

Yoel Beniluz, Accounting and Law
*The Conflict of Interests Between Stockholders and Debtholders: Exploring a Reverse Wealth Transfer at Sears*
Continued

Elizabeth Ekmekjian, Accounting and Law, Martin Gritsch and Tricia Snyder, Economics, Finance and Global Business
   *How Does the $10,000 Cap on State and Local Taxes (SALT) Impact the New Jersey Housing Market?*

Myles D. Garvey, Marketing & Management Sciences
   *Supply Chain Risk Propagation: An Exploratory Simulation Into the Impact of Canonical Supply Network Structure*

Ali Mir and Raza Mir, Marketing & Management Sciences
   *Algorithmic Decision Making: Big Data and Embedded Bias*

Bahar Ashnai and Prabakar Kothandaraman, Professional Sales
   *Does Gender Matter in Salespeople Performance Evaluation and Recruitment?*

Rahi Abouk, Economics, Finance and Global Business
   *Effect of E-Cigarette Taxation on Prenatal Smoking and Birth Outcomes*

Robert Laud, Andrey Kretinin and Stephen C. Beets, Marketing & Management Sciences
   *An Integrated Model for Large-Scale Social Entrepreneurship: Addressing Global Water Supply Problems*

Priya Nagaraj, Economics, Finance and Global Business, Punit Arora and Marta Bengoa, CUNY
   *Regulations and Immigrant Entrepreneurship*
College of Education
Thursday April 11 12:30 to 2:30
University Commons, Room 216

Dorothy Feola, Geraldine Mongillo, Carrie E. Hong:
An Examination of Teachers’ Awareness, Preparation, and Teaching Strategies When Instructing Linguistically Diverse Learners

Samuel Fancera, Educational Leadership & Professional Studies:
School Leaders’ Use of Social Media and Networks for Professional Development

Laura Fattal, Elementary and Early Childhood Education, Sandra Alon, Educational Leadership and Professional Studies:
Realizing Globalization in the Public School Classroom

James Alford, Educational Leadership & Professional Studies:
Training the Hands, Head, and Heart: Student Protest and Activism at Hampton Institute, 1920-1950

Ellen Pozzi, Educational Leadership and Professional Studies:
Diversity and Technology in Award-Winning Children’s Nonfiction

Alex Chambers, Special Education and Counseling, Margaret Renn, Office of Field Experiences:
Using the blackboard module format for online training of pre-service teachers

Lisa Warner, Elementary and Early Childhood Education, Roberta Schorr, Rutgers University:
Engagement structures and the development of mathematical ideas

Geraldine Mongillo, Carrie E. Hong, Michelle Gonzalez, Educational Leadership and Professional Studies:
Developing teacher leaders: An examination of a graduate reading specialist program

Alison Dobrick, Elementary and Early Childhood Education:
Hamilton and Hip-Hop Pedagogy

Cynthia Northington-Purdie, Secondary and Middle School Education:
The Gamification of Lesson Planning
An interactive, interdisciplinary discussion of recent research findings and creative outcomes from the humanities and social sciences.

Wendy Christensen, Sociology & Criminal Justice, will discuss her recent book, Mothers of the Military: Support and Policies during War and Peace


Pete Mandik, Philosophy, will share an excerpt from his Future Mind book project

Lawrence Mbogoni, Africana World Studies, will share findings from his recent book Miscegenation, Identity and Status in Colonial Africa: Inmate Colonial Encounters
College of Science and Health
Thursday April 11
University Commons, Room 171 AB

11:30 to 12:15
Corey Basch, Public Health
Fluoride Related Posts on Instagram: Representation of Pro and An Fluoridation Standpoints
Yalan Xing, Chemistry
Development of Green Synthetic Methodology
Jennifer Callanan, Jeremy Scott, Jonathan Harris, Ryan Wizner, Michael DaSilva, Environmental Science, Gregory Pope, Montclair State University, Matthew Hazen, PA DCNR, Bureau of Forestry, Delaware State Forest:
Two Year Progression of Soil Chemical Changes As A Result Of The 16 Mile Fire, Delaware State Forest, PA
Joseph Spagna and Karisa Quimby, Biology
Spinning spiders strike! Exploring prey-capture in flae spiders

12:30 to 1:45
Parminder Kaur, Chemistry
Non-precious metal catalyzed organic transformations for C-C and C-X bond formation
James Arnone, Biology
Integrating a targeted suppressor screen to uncover novel genetic links that modulate aging into the Biotechnology curriculum at William Paterson University
Abouk Rahi, Cannabis Research Institute
The Cannabis Research Institute

2:00 to 3:15
Zoe Meleo-Erwin, Public Health
Navigating Post-Operative Care, Services, and Support for Weight-Loss Surgery Patients: The Perspective of Bariatric Professionals
Abdelrahman Elleithy and Vincent Loud, Computer Science:
Selfish Nodes Migration in Mobile Ad-Hoc Networks
Dimitri Nanas and Ismael Flores-Marti, Kinesiology
An Exploration of the Process and Outcomes of the Elementary Physical Education Teacher Evaluation System
Weihua Liu, Computer Science
The statistical properties of Shi Register Sequences
Sonya Bierbower, Biology
Neuroprotective Effects of KCNQ Potassium Channels after Traumatic Brain Injury
Cannabis Research Institute

Tuesday, April 2, 12:30 to 1:45
University Commons, Ballroom A

Rahi Abouk, Economics, Finance and Global Business
Maternal employment, me use, and overweight children: A series of implications of legal marijuana sales

Aleksandar Kecojevic, Public Health
Legalization of Recreational Marijuana in New Jersey: The Public Health Perspective

Betty Kolia and Katie Gasparino, Communication Disorders and Sciences
Cannabis Use and Communication Disorders

William Kernan, Public Health
A Study of Municipal Ordinances Limiting the Sale of Recreational Marijuana in New Jersey
Technology Across the Curriculum

Tuesday  April 9  2:00 to 3:15
University Commons, Room 171 A

Nicole Davi, Environmental Science
  *Tree-Ring Expeditions (TREX): Online labs to improve student understanding of climate change and the nature-of-science*

Wendy Christensen, Sociology and Criminal Justice
  *Working with Cell Phones in the Classroom*

Jeung Woon Lee, Biology
  *Application of virtual reality/augmented reality technologies in biological sciences*

Robert Harris, Center for Teaching with Technology
  *Yes We Can! The History, Theory, and Practice of using Open Educational Resources*
Annual Reception

Thursday    April 18    3:30

David and Lorraine Cheng Library
Honoring WP’s Authors

and

Office of Sponsored Programs
Honoring WP’s New Award Recipients
and New Applicants
Beyond the Bars: A Panel Discussion on Criminal Justice Reform  
Wednesday, April 3, Cheng Library Auditorium, 12:15 to 2:00 pm

Reality Check with New York Times Columnist Andrew Rosenthal  
Wednesday, April 3, Hobart Hall, Martini Room, 6:00 pm

13th Annual Undergraduate Research Symposium  
Saturday, April 6, UC Ballrooms, 8:00 to 5:30 pm

Living Writers Series, Elizabeth Levine: The Ribbon Around the Bomb  
Thursday, April 4, Atrium Auditorium, 3:30 to 4:30 pm

13th Annual Undergraduate Research Symposium  
Saturday, April 6, UC Ballrooms, 8:00 to 5:30 pm

Spring Writers Conference (pre-registration required)  
Saturday, April 6, Atrium, 9:30 to 3:30 pm

UPS Computer Information Technology Lecture Series  
Tuesday, April 16, University Commons, Room 211, 5:30 - 8:30 pm

Mathematics and Statistics Awareness Month, April 2019  
Pi Mu Epsilon Honor Society Induction with Guest Speaker Roxhensa Papa  
Thursday, April 18, Science East 2064, 12:30 – 1:45 pm

Mathematics Senior Capstone Presentations, 12:30 - 1:45  
Monday, April 22 to Thursday, April 25, Science East 3037

William Paterson University Society of Professional Journalists Award Ceremony  
Thursday, April 18, Hobart Hall, Martini Room, 7:00 pm

5th Annual Cyber Security and Big Data Analytics Symposium  
Wednesday, April 24, University Commons Ballrooms, 8:30 am - 3:00 pm

Reality Check with ABC News reporter Christina Carrega  
Monday, April 29, Hobart Hall, Martini Room, 5:30 - 8:30 pm

MA in Professional Communication Master Research Presentations  
Monday, May 6, Atrium Auditorium, 6:00 pm

Nanoscale & Molecular Assemblies: Designing Matter to Control Energy Transport  
August 25-29, San Diego California, 8:00 am - 4:00 pm

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Do you know of a program or activity related to research, scholarship or creative expression that will be happening between April 2 and May 2 or sometime else in 2019? Activities can include student presentations and recitals, outside speakers, department symposia, and art exhibitions. Call or email the Office of Sponsored Programs at 973-720-2852 or grants@wpunj.edu with the flier or name and date of the program, the URL for detailed information and we will add your program to the schedule on the web and updates to this program.