

# EXPLORATIONS

Research. Scholarship and Creative Expression

20<sup>th</sup> Anniversary

**APRIL 2 – MAY 2, 2019**

Events Campus-Wide



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UNIVERSITY

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**12th Annual Undergraduate Research  
Conference**

Bhanu P. S. Chauhan, Chemistry, Co-Chair  
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Poster and Cover Art  
Robert Brady, Undergraduate Student,  
Prof. Matt Finn, Art Department

# 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

UC 168A&B

### 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**

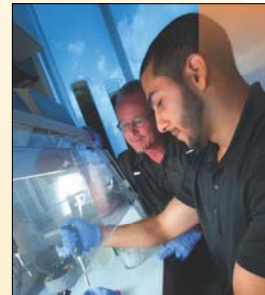
8:30 to 5:00

# 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)



## 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

## 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.

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](http://www.wpunj.edu/osp)

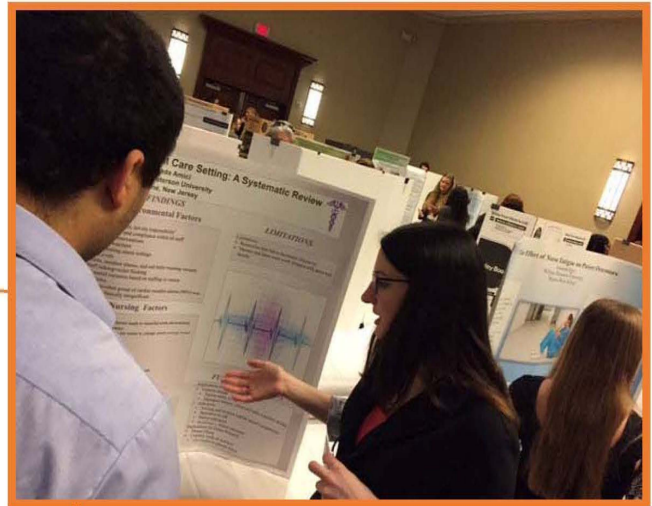
# WILLIAM PATERSON UNIVERSITY



## Honors College

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.



Raubinger Hall  
Room 154  
973.720.3657  
honors@wpunj.edu



**Find us on Facebook!**  
William Paterson University Honors College

[www.wpunj.edu/honors](http://www.wpunj.edu/honors)



**William Paterson University  
College of Science and Health  
Department of Computer Science**

***UPS Computer Information Technology Lecture Series\****

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**Keynote Speaker: Dr. Edward Chapel**

Senior Vice President and Chief Operating Officer (NJEdge)



**April 16, 2019 (Tuesday), 5:30 PM – 8:30 PM  
Student Center Conference Room 211  
(A light dinner will be provided.)**

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***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 <b>Dr. Venkat Sharma</b> , Dean of College of Science and Health
6:10 – 6:40	Invited Speaker from UPS
6:40 – 6:45	Keynote Speaker Introduction: <b>Dr. Cyril Ku</b> , Professor of Computer Science Department, William Paterson University
6:45 – 7:30	Keynote Speech: <b>Dr. Edward Chapel</b> , Senior Vice President and Chief Operating Officer, NJEdge
7:30 – 7:45	Q & A with <b>Dr. Edward Chapel</b>
7:45 – 7:50	Wrap up and thank attendees and speakers, <b>Dr. Cyril Ku</b>
7:50 – 8:30	Refreshments and student conversations with <b>Dr. Chapel, UPS Speaker and Recruiters</b>

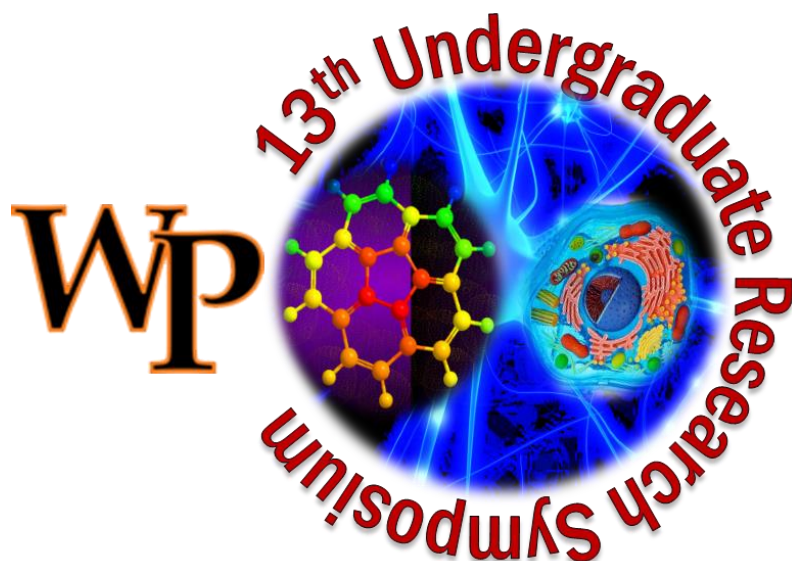
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**\* The UPS Computer Information Technology Lecture Series is made possible by a generous grant from the UPS Foundation of UPS.**

**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](mailto:kuc@wpunj.edu), 973.720.2952), Department of Computer Science, William Paterson University, Wayne, New Jersey

**Please RSVP to Lauryn Lupino ([lupinol@wpunj.edu](mailto:lupinol@wpunj.edu), 973.720.2934) by April 10, 2019**

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## 13<sup>th</sup> ANNUAL UNDERGRADUATE RESEARCH SYMPOSIUM

Saturday, April 6, 2019

You are cordially invited to attend and present your research at the 13<sup>th</sup> annual Undergraduate Research Symposium in the Biological and Chemical Sciences at William Paterson University of New Jersey. In its 13<sup>th</sup> 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 be 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)

## PLENARY SPEAKER

**DR. GEORGE KOOB**  
Director  
National Institute of Alcohol Abuse and  
Alcoholism  
National Institute of Health



## SCHEDULE

**Registration & Breakfast**

8:00 - 8:45 am

**Welcome and Opening Remarks**

8:45 - 9:15 am

**Poster Session A**

9:15 - 11:15 am

**Lunch Break**

11:45 - 1:00 pm

**Plenary Talk**

1:00 - 2:00 pm

**Poster Session B**

2:00 - 4:00 pm

**Awards Ceremony**

4:30 - 5:00 pm

PLACE: University Commons  
Ballroom



WILLIAM PATERSON UNIVERSITY

# 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.

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**COMPUTER SCIENCE**

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For more information or to register: [wpunj.edu/cpe](http://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, Florida 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 Perspective*

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*

Tydasias 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 Maritime Forests in NY and NJ*

Sumithra Raghavan, Cassandra Rendon, Marsha Akoto, Psychology

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

Leslie Trigoura, Maria Holganza, Chemistry

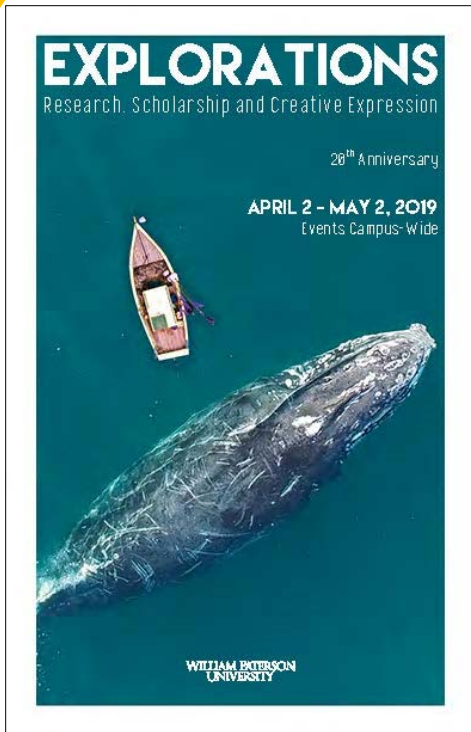
*The Efficient Copper Catalyzed Homocoupling and Heterocoupling of Terminal Alkynes*

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

*WPTherm: 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, Kinesiology

*The Impact of Foam Rolling on Ground Force Reaction and Vertical Jump Height*

Alexander Geleski, Dr. Jason Wicke, Kinesiology

*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 Scott, Ryan Wizner, Jennifer Callanan, Michael DaSilva, and the students of ENV-3760-70 Fall 2018*

Natasha Lopes-Cunha, Mathematics

*Cryptography and Mathematics*

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 Attitudes 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 Software Performance Prediction Models at Source Code Level - from Analytical to Stascal*

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 Software Performance Prediction at Source Level*

Weihua Liu, Oliver Alvarado, Jeffery Albanese, Computer Science

*The structural 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

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

Deniz Yucel, Sociology and Criminal Justice

*Differenat 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:

*Sigma 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 Re-evaluation 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:

*Beang Business Cycles through Dynamic Compensation Structure*

# College of Arts and Communication



**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 Conngent Faculty in the US System of Higher  
Educaon*

Jim Samuel, Rajiv Kashyap, and Myles Garvey, Marketing &  
Management Sciences  
*That Message Went Viral?! Exploratory Analycs and  
Senment Analysis of the Propaga on of Popular Tweets*

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

Zhang Chuanqian, Economics, Finance and Global Business  
*Operang L everage 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 Detec on of Erroneously Claimed Educaonal Cred its?*

Lawrence Verzani, John Malindretos, and Tao Guo, Economics, Finance and Global Business  
*Financial Advice and Porolio Diversi ficao*

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



## Cotsakos College of Business

Thursday

April 18

11:00 to 3:15

Valley Road Auditorium

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. Betts, 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 Examinaon of Teachers' Aw areness, Preparaon, and Teaching Strategies When Instrucng Linguiscally 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 Globalizaon i n the Public School Classroom*

James Alford, Educational Leadership & Professional Studies:

*Training the Hands, Head, and Heart: Student Protest and Acvi sm at Hampton Instute, 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 mathemacal ideas*

Geraldine Mongillo, Carrie E. Hong, Michelle Gonzalez, Educational Leadership and Professional Studies:

*Developing teacher leaders: An examinaon of a graduat e reading specialist program*

Alison Dobrick, Elementary and Early Childhood Education:

*Hamilton and Hip-Hop Pedagogy*

Cynthia Northington-Purdie, Secondary and Middle School Education:

*The Gamificaon of Lesson Planning*

# College of Humanities and Social Sciences

## HSS Senior Research Forum

**Thursday**                      **April 18**                      **12:30 to 1:45**  
**Atrium 125**

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 Polics during Warne*

Timothy Liu, English, will read three poems from the final section of his latest book, *Luminous Debris: New & Selected Legerdemain (1992-2017)*

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 *Miscegenaon, Identy and Status in Col onial Africa: Inmate Col onial Encounters*

**EXPLORATIONS**  
Research, Scholarship,  
& Creative Expression

20<sup>th</sup> Anniversary  
**APRIL 2 - MAY 2, 2019**  
Events Campus Wide





## 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: Representaon of Pro and An Fluoridaon Standpoints*

Yalan Xing, Chemistry

*Development of Green Synthe 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

*Integrang a targeted suppressor screen to uncover novel genec links that modulate aging into the Biotechnology curriculum at William Paterson University*

About Rahi, Cannabis Research Institute

*The Cannabis Research Inst ute*

### 2:00 to 3:15

Zoe Meleo-Erwin, Public Health

*Navigating Post-Operave Care, Services, and Support for Weight-Loss Surgery Pae nts: The Perspecve of Bariatric Professionals*

Abdelrahman Elleithy and Vincent Loud, Computer Science:

*Selfish Nodes Mig ation in Mobile Ad-Hoc Networks*

Dimitri Nannas and Ismael Flores- Marti, Kinesiology

*An Explora on of the Process and Outcomes of the Elementary Physical Educaon Te acher Evaluaon System*

Weihua Liu, Computer Science

*The stasc al propere s of Shi Register Se quences*

Sonya Bierbower, Biology

*Neuroprotective Effects of KCNQ Potassium Channels aer Traumac 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, marijuana 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 Kollia 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*

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# Technology Across the Curriculum

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

Nicole Davi, Environmental Science

*Tree-Ring Expeditions (TRES): 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*

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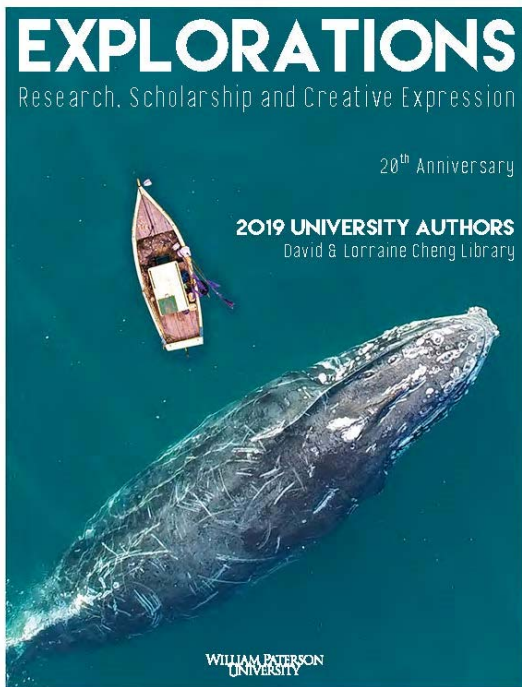


# Annual Reception

Thursday

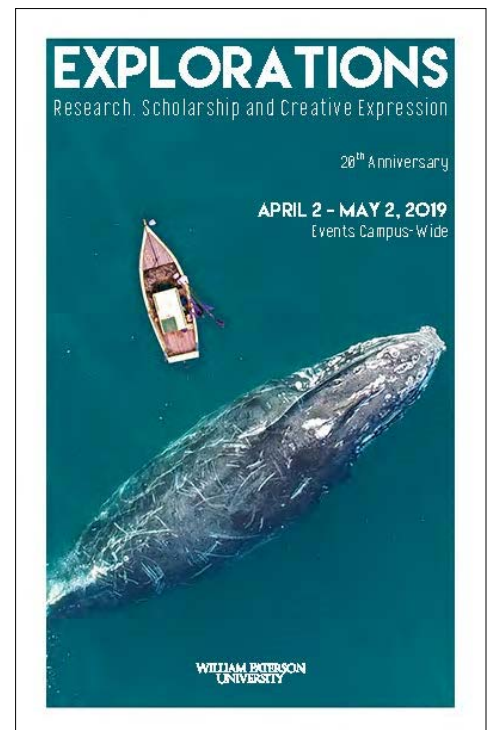
April 18

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





**RESEARCH, SCHOLARSHIP AND CREATIVE EXPRESSION PROGRAMS AND  
ACTIVITIES AT WP IN APRIL 2019 AND BEYOND! (as of March 28)**

**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

**5<sup>th</sup> 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

**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.