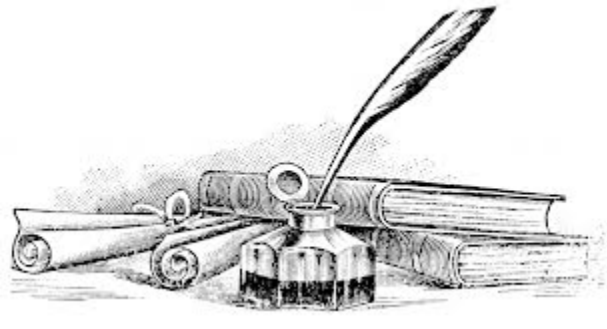




Saint Peter's
UNIVERSITY

*A Celebration of
Faculty Scholarship*

April 20, 2016



SPU Publishers' Reception

April 20, 2016 – 3:00PM – O'Toole Library

*An event to honor SPU faculty who have had their work published
March 2014 to February 2016*

Introduction and Welcome

Paul Almonte, Ph.D.
Interim Director, Faculty Research and Sponsored Programs

Research Presentations

"Generalizations of Fibonacci Numbers"
Dawn Nelson, Ph.D. –Department of Mathematics

"Trying to Get Abroad: East African Students in an Imperial and Cold War World."
Timothy Nicholson, Ph.D. – Department of History

"Politics Across the Hudson"
Philip Plotch, Ph.D. – Department of Political Science

Congratulatory Remarks

Gerard O'Sullivan, Ph.D.
Provost and Vice President for Academic Affairs

Reception

Department of Applied Science and Technology

DEBING ZENG

Peer-Reviewed Journal Articles

Sun J, Ma H, Zeng D., 2015, "3-D infrared imaging method based on binocular stereo vision," Opt. Eng. 54(10), 103111

Sun J, He H, Zeng D., 2016, Global Calibration of Multiple Cameras Based on Sphere Targets. Sensors. 16(1), 77.

WEI DONG ZHU

Peer-Reviewed Journal Articles

*R. Wang, K. Zhang, Y. Shen, C. Zhang, **W. Zhu** and T. Shao,* Effect of pulse polarity on the temporal and spatial emission of an atmospheric pressure helium plasma jet, Plasma Sources Sci. Technol. 25 (2016) 015020 (7pp)

W. Zhu, M. Alkhalaf, M. Cho, and S. Xiao Microbubble Generation by Piezotransducer for Biological Studies, Rev. Sci. Instrum. 86 (2015) 124901

*R. Wang, C. Zhang, Y. Shen, **W. Zhu**, P. Yan, T. Shao, N. Y. Babaeva, and G. V. Naidis,* Temporal and spatial profiles of emission intensities in atmospheric pressure helium plasma jet driven by microsecond pulse: Experiment and simulation, Journal of Applied Physics 118, (2015) 123303 (8 pages)

*Y. Liang, Y. Li, Ke. Sun, Q. Zhang, W. Li, **W. Zhu**, J. Zhang*, J. Fang,* Plasma Thorns: Atmospheric Pressure Non-thermal Plasma Source for Dentistry Applications, Plasma Processes and Polymers, 12 (2015) 1069-1074

R. Wang, S. Zuo, D. Wu, J. Zhang, **W. Zhu***, K. H. Becker and J. Fang,* Microplasma-Assisted Synthesis of Colloidal Gold Nanoparticles and Their Use in the Detection of Cardiac Troponin I (cTn-I), Plasma Processes and Polymers, 12 (2015) 380-391

W. Zhu and P. Niraula,* The missing modes of self-organization in cathode boundary layer discharge in xenon, Plasma Sources Science and Technology, 23 (2014) 054011 (7pp)

W. Zhu, P. Niraula, P.G.C Almeida, M.S. Benilov and D.F.N Santos, Self-organization in dc glow microdischarges in krypton: modelling and experiments, Plasma Sources Science Technology, 23 (2014) 054012 (6pp)

*R. Wang, S. Zuo, **W. Zhu**, J. Zhang, and J. Fang,* Rapid Synthesis of Aqueous-Phase Magnetite

Nanoparticles by Atmospheric Pressure Non-thermal Microplasma and Their Application in Magnetic Resonance Imaging, Plasma Processes and Polymers, 11 (2014) 448-454

R. Wang, S. Zuo, **W. Zhu**, S. Wu, W. Nian, J. Zhang, and J. Fang, Microplasma-assisted Growth of Colloidal Silver Nanoparticles for Enhanced Antibacterial Activity, Plasma Processes and Polymers, 11 (2014) 44-51

Department of Biology

MARIA AGAPITO

Edited Book

Callahan, J., Wydner K., Ruppert, J., Agapito, M. (2016) General Biology II Lab Manual: Focus on Biodiversity. Academx Publishing. 244 pages ISBN-13: 978-1-68284-059-7

JILL CALLAHAN

Edited Book

Callahan, J., Wydner K., Ruppert, J., Agapito, M. (2016) General Biology II Lab Manual: Focus on Biodiversity. Academx Publishing. 244 pages ISBN-13: 978-1-68284-059-7

Peer Reviewed Article

Callahan, J.E, and Castaldi. M.J., (2016) Bacterial Biofilm Quantification: Using a Crystal Violet Assay to Assess Student-Selected Remedies. Tested studies for Laboratory Teaching: Proceedings of the 37th workshop conference of the Association of Biology Laboratory Education (M. O'Donnell, ed.) *Vol: 35*

MICHAEL HELD

Peer-Reviewed Journal Article

Held, Michael and Susan Jones – Held. 2014. Long – term forest changes in Northeastern Pennsylvania. *Castanea* 79(3): 138 – 146.

KATHERINE WYDNER

Edited Book

Callahan, J., Wydner K., Ruppert, J., Agapito, M. (2016) General Biology II Lab Manual: Focus on Biodiversity. Academx Publishing. 244 pages ISBN-13: 978-1-68284-059-7

Department of Business Administration

MARY KATE NAATUS

Peer-Reviewed Journal Articles

Trillo, A. & Naatus, M. (2015). In defense of the neighborhood: Urban Entrepreneurship, Research & Praxis with Undergraduate Students, *International Journal of Social Entrepreneurship & Innovation*, 3(5), 400-420.

<http://www.inderscience.com/info/inarticle.php?artid=72540>

Naatus, M., Pon, K., Passerini, K., & Somers, M. (2015). Issues and Opportunities in the Internationalization of Management Education, *Journal of Management Development*, 34(2), 922-940.

<http://www.emeraldinsight.com/doi/abs/10.1108/JMD-05-2014-0040>

Department of Chemistry

JESSICA EPSTEIN

Peer-Reviewed Journal Article

Jessica L. Epstein, Michael Castaldi, Grishma Patel, Peter Telidecki, and Kevin Karakkatt **2015** Using Flavor Chemistry to Design and Synthesize Artificial Scents and Flavors, *J. Chem. Educ.*, 92 (5), pp 954–957

PATRICIA REDDEN

Peer-Reviewed Journal Articles

Redden, P. Service Dogs in the Chemistry Laboratory, *Journal of Chemical Health & Safety*, 2016, 23(1), 32-34

Bryan J, Redden P, Traba C. The Mechanism of Action of Russian Propolis Ethanol Extracts Against Two Antibiotic Resistant Biofilm Forming Bacteria, *Letters in Applied Microbiology*, 62: 2015; 192-198

CHRISTIAN TRABA

Peer-Reviewed Journal Article

Bryan J, Redden P, Traba C. The Mechanism of Action of Russian Propolis Ethanol Extracts Against Two Antibiotic Resistant Biofilm Forming Bacteria, *Letters in Applied Microbiology*, 62: 2015; 192-198.

Department of Communication & Media Culture

FATIMA SHAIK

Peer-Reviewed Journal Articles

Shaik, Fatima, August 2015 What Went Missing and What Got Found New Orleans: Xavier Review Press.

Shaik, Fatima and Cheryl Klein, Alvina Ling, Daniel José Older, Robie Harris, Wade Hudson. (March 2015) The Equity Project. PEN American Center Website.

Shaik, Fatima (Fall/Winter 2015) Bird Whistle. Killens Review of Arts and Letters, Vol 7, No2., p19-24.

Shaik, Fatima (May 2015) Bird Whistle and Climbing Monkey Hill. PEN American Center Online Anthology.

Shaik, Fatima (August 28, 2015) Katrina 10 Years Later. PEN American Center website.

Shaik, Fatima (August 26, 2015) We've Come This Far by Faith. The Root Website, Univison Communications

Shaik, Fatima (August 24, 2015) The New Louisiana Purchase. In These Times online.

Shaik, Fatima (September 2015) The New Louisiana Purchase. In These Times print edition back cover.

Shaik, Fatima (Feb. 6, 2012) Translation Semantics and Race. PEN American Center website.

CYNTHIA WALKER

Academic Publications

“Fifty Years of “The Man From U.N.C.L.E.”: How the Ever-Changing Media Sustained and Shaped One of the Oldest Fan Communities,” in *Television, Social Media, and*

Fan Culture. Alison F. Slade, Amber J., Narro, Dedria Givens-Carroll (eds), Lanham MD: Lexington Press, November, 2015. http://www.amazon.com/Television-Social-Media-Fan-Culture/dp/149850616X/ref=sr_1_1?s=books&ie=UTF8&qid=1452095441&sr=1-1&keywords=Television%2C+Social+Media%2C+and+Fan+Culture

“Mr. Bond’s Neighborhood: Domesticating the Superspy for American Television,” in Michele Brittany, (Ed); *James Bond and Popular Culture: Essays on the Influence of the Fictional Superspy*, Jefferson, NC: McFarland, October, 2014.

Other Publications

“Review: The Mad Mad Tea Party,” *Cinema Retro*, Online. Posted February 21, 2015. <http://www.cinemaretro.com/index.php/archives/8480-REVIEW-THE-MAN-FROM-U.N.C.L.E.-THE-MAD-MAD-TEA-PARTY-AFFAIR,-AIR-DATE-FEBRUARY-1,-1965.html>

Regional theatre reviews appearing in Central New Jersey daily newspapers: The Home News Tribune, The Asbury Park Press, The Daily Record, and The Courier-News.

Regular coverage of McCarter Theatre, Princeton; Shakespeare Theatre of New Jersey in Madison, and Middlesex County Plays in the Park in Edison. 29 reviews in total, March 2014-Feb 2016

2014

Barber of Seville	McCarter Theatre	April 21
Sunset Boulevard	Middlesex Co Plays in the Park	June 27
Tempest	Shakespeare Theatre of NJ	June 11
Shrek	Middlesex Co. Plays in the Park	July 11
Devil’s Disciple	Shakespeare Theatre of NJ	July 11
Bye Bye Birdie	Middlesex Co. Plays in the Park	July 30
The Alchemist	Shakespeare Theatre of NJ	Aug 12
Wittenberg	Shakespeare Theatre of NJ	Sept 16
Henry VII	Shakespeare Theatre of NJ	October 21
Antony and Cleopatra	McCarter Theatre	Sept 17
The Understudy	McCarter Theatre	Oct 20
Much Ado About Nothing	Shakespeare Theatre of NJ	Dec 7

Christmas Carol	McCarter Theatre	Dec 14
<u>2015</u>		
Sizwe Banzi is Dead	McCarter Theatre	Jan 28
Baskerville	McCarter Theatre	March 22
Five Mile Lake	McCarter Theatre	May 12
The Royal Family	Shakespeare Theatre of NJ	June 2
Young Frankenstein	Middlesex Co Plays in the Park	June 19
The Guardsman	Shakespeare Theatre of NJ	July 11
Oklahoma	Middlesex Co Plays in the Park	July 18
Jesus Christ Superstar	Middlesex Co Plays in the Park	July 30
Misalliance	Shakespeare Theatre of NJ	Aug 11
Baby Doll	McCarter Theatre	Sept 21
Equivocation	Shakespeare Theatre of NJ	Sept 22
Comedy of Tenors	McCarter Theatre	Oct 18
Diary of Anne Frank	Shakespeare Theatre of NJ	Oct 23
A Christmas Carol	McCarter Theatre	Dec 18
Merry Wives of Windsor	Shakespeare Theatre of NJ	Dec 20
<u>2016</u>		
The Piano Lesson	McCarter Theatre	Jan 22

Department of Computer and Information Science

SYLVAIN JAUME

Peer-Reviewed Journal Article

Villamil, C. & Jain, J. & Jaume, S. (June 2015) Regression Analysis of Socio-Economic Factors Leading to Increased Body Weight and Obesity in America, *International Journal of Decision Science*, Vol. 6, No. 1, pp 1-10.

Book Review

Wang, J. & S. Jaume, S. (August 2015) Book Review: *Statistics Done Wrong: The Woefully Complete Guide* (1st edition) by Alex Reinhart, *International Journal of Data Analysis Techniques and Strategies*, Vol. 7, No. 3, pp 322-324.

EDWARD MOSKAL

Peer-Reviewed Journal Article

Moskal, E. (November 2015) A Model for Establishing a Cybersecurity Center of Excellence, *Information Systems Education Journal*, Vol. 13, No. 6.
Retrieved from: <http://isedj.org/2015-13/n6/ISEDJv13n6p97.pdf>

Paper

Moskal, W. (December 2015) Cyber Attacks on Nuclear Power Plants in New Jersey. What are the Vulnerabilities? What can be Done? pp 1-10 The Guarini Institute
Retrieved from: http://www.saintpeters.edu/guarini-institute/files/2015/10/Ed-Moskal-White-Paper-on-Cyber-Security_2015.pdf

Department of Economics & Finance

EDWIN DICKENS

Book

The Political Economy of U.S. Monetary Policy: How the Federal Reserve Gained Control and Uses It, London and New York, Routledge. Taylor and Francis Group, 2016

Peer-Reviewed Journal Articles

Economic Globalization and Cultural Heritage in Sri Lanka Today

The SSEASR Journal 2015 (South and Southeast Asia Culture and Religion), Vol. IX, pp. 32-36

Piketty's Capital in the Twenty-First Century: A Review Essay

Review of Political Economy, 2015, Vol. 27, No. 2, pp. 1-10

Book Reviews

The Oxford Handbook of Post-Keynesian Economics, Volume 2: Critiques and Methodology,

G.C. Harcourt and Peter Kriesler (eds.), 2016

Review of Keynesian Economics, Vol. 4, No. 2. pp. 239-214, 2016

Alternative Theories of Competition: Challenges to the Orthodoxy, Jamee K. Moudad, Cyrus

Bina and Patrick L. Mason (eds.) Science and Society, Vol. 79, No. 4, pp. 635-638, 2015

Routledge Handbook of South Asian Economics, Raghendra Jha (ed.)

International Journal of Hindu Studies, Vol 18, No. 1, pp. 106-109, 2014

DEVIN RAFFERTY

Book Review

“Review of *Competitiveness and Development*, by Medhi Shafaeddin, *Review of Keynesian Economics*, (Vol. 2, No. 4, Oct. 2014)

Short Entries

“Metallism” Entry in *The Encyclopedia of Central Banking*. ed. by Rochon, L.P. and Sergio Rossi. 2015.

School of Education

NICOLE LUONGO

Peer-reviewed Journal Articles

Luongo, N. (2015). Missing the Chalkboard: Using Screencasting in the Online Classroom. *Computers in the Schools*, 32(2), 144-151. doi:10.1080/07380569.2015.1030968

Luongo, N. (Winter 2015). Using digital storytelling in the classroom: It's all about the story. *The New Mexico Journal of Reading*, 35(1), 22-29.

Book

Luongo, N. *The New English Language Arts Classroom: Teaching in a Digital World*. Cognella Academic Publishing, San Diego, CA.

Department of English

PAUL ALMONTE

Peer-Reviewed Journal Article

“The Idealistic ‘No’ or the Realistic ‘Yes’: Deciding What is Just in Jean Anouilh’s *Antigone*.” Co-author of this article published in *LCC Liberal Arts Studies*/2013, Vol. 6: “Whose Justice? Global Perspectives in Dialogue.” April 2014.

WILLIAM LUHR

Book

Film Noir (in Wiley–Blackwell New Approaches to Film Genre Series).
-appeared in Chinese translation from Beijing World Publishing in 2014.
English language edition appeared from Malden, Mass.: Wiley-Blackwell Publishing, 2012

During this time I continued my editorial work involving the recruitment, editing, and reviewing of dozens of annotated articles for the online *Oxford University Press Bibliography of Cinema and Media Studies*. Each article is done by a top scholar in the field and contains between 100 and 150 annotated entries. I am one of ten Standing Editors as well as a Founding Editor and my fellow editors and I have now completed over three years on this visionary project. By early 2015, we had roughly 185 bibliographies online and we expect to have 250 bibliographies online by 2016.

RACHEL WIFALL

Peer-Reviewed Journal Articles

Wifall, Rachel. Rev. of *Martyrs and Players in Early Modern England: Tragedy, Religion and Violence on Stage*, by David K. Anderson. *Marlowe Society of America Newsletter* 35:1 (Fall 2015): 3-4. Print.

Wifall, Rachel. Rev. of *Doctor Faustus*, Classic Stage Company. *Marlowe Society of America Newsletter* 35:1 (Fall 2015): 4-5. Print.

Wifall, Rachel. Rev. of *Shakespeare et l'invention de l'histoire*, by Dominique Goy-Blanquet. *Renaissance Quarterly* 68.4 (Winter 2016): 1539-40. Print.

Department of Fine Arts

BEATRICE MADY

Solo Exhibitions

2016

Floating World: Shadows and Dreams, Drawing Rooms, Jersey City, NJ

Selected Group Exhibitions

2015

“The Big Small Show”, Drawing Rooms, Jersey City, NJ

“Reflecting Our City”, Center for Social Innovation, New York, NY

“Historic Jersey City”, Lackawanna Center, Jersey City, NJ

“Wanderlust”, Lackawanna Center, Jersey City, NJ

“Cathedral Arts Festival”, Grace Church Van Vorst, Jersey City, NJ

2014

“Duets”, Drawing Rooms, Jersey City, NJ

“Interconnections”, City Life Gallery, Jersey City, NJ

“Dialogue Between 6 Painters”, City Life Gallery, Jersey City, NJ

“Pro Arts 20th Anniversary Exhibition”, Rotunda Gallery, Jersey City, NJ

Books

Beatrice M. Mady

India Through a Window

Apple

2015

Beatrice M. Mady

India in Digital Prints and Photographs

Apple

2015

Department of Health and Physical Education

STEPHANIE BRYAN

Peer-Reviewed Journal Articles

Bryan, S. & Pinto Zipp, G. (2014). The effect of mindfulness meditation techniques during yoga and cycling. *Journal of Alternative and Complementary Therapies*, 20(6) 306-316.

Bryan, S. (2016). Mindfulness and nutrition in college age students. *Journal of Basic and Applied Sciences Special Thematic Issue: Mindfulness Practices Enhance Health Behaviors*, 12 68-74, <http://dx.doi.org/10.6000/1927-5129.2016.12.11>

Pinto Zipp, G. & Bryan, S. (2016) Exploring mindfulness techniques in physical therapy to address motor skill acquisition: A perspective piece. *Journal of Basic and Applied Sciences Special Thematic Issue: Mindfulness Practices Enhance Health Behaviors*, 12 59-61, <http://dx.doi.org/10.6000/1927-5129.2016.12.09>

Department of Mathematics

BRIAN HOPKINS

Edited Book

Brian Hopkins, editor. *The College Mathematics Journal*, Mathematical Association of America, volume 46 (2015), issues 1--5, pages 1--400.

NICKOLAS KINTOS

Peer-Reviewed Journal Articles

Kintos, N., Nadim, F. (August 2014). A modeling exploration of how synaptic feedback to descending projection neurons shapes the activity of an oscillatory network. *SIAM Journal on Applied Dynamical Systems*, 13(3): 1239-1269. Journal webpage:

<http://epubs.siam.org/doi/abs/10.1137/130943881>

Kintos, N., Nusbaum, M.P., Nadim, F. (January 2016). Convergent neuromodulation onto a network neuron can have divergent effects at the network level. *J Comput Neurosci*, 40(2): 113-135. Journal webpage: <http://link.springer.com/article/10.1007/s10827-015-0587-z>

DAWN NELSON

Peer-Reviewed Journal Article

Minerva Catral, Pari Ford, Pamela Harris, Steven J. Miller, and Dawn Nelson. (December 2014). Generalizing Zeckendorf's Theorem: The Kentucky Sequence. *Fibonacci Quarterly*, Volume 52, Number 5, pp.68-90.

Department of Philosophy

PETER CVEK

Peer-Reviewed Journal Article

Cvek, Peter P. (March-June 2011, Published 2015). Thomas Aquinas and John Locke on Ultimate Reality and Meaning: *Natural Law and Natural Inclinations*, 34, 1-2, 4-29.

Department of Political Science

PHILIP PLOTCH

Book

Politics Across the Hudson: The Tappan Zee Megaproject. Rutgers University Press, 2015.

Book Review

Book review of *Megaproject Planning and Management: Essential Readings* by Bent Flyvbjerg, *Journal of Planning Literature*. 2015.

Peer-Reviewed Journal Articles

“Waiting More Than 100 Years for the Second Avenue Subway to Arrive.” *Journal of Planning History*. November 2015.

“What’s Taking So Long? Identifying the Underlying Causes of Delays in Planning Transportation Megaprojects in the United States.” *Journal of Planning Literature*. August 2015

Department of Psychology

ANDREA BUBKA

Peer-Reviewed Journal Articles

Bonato, F., Bubka, A., & Thornton, W. (May 2015). Visual blur and motion sickness in an optokinetic drum. *Aerospace Medicine and Human Performance*, 86, 440-444. doi: 10.3357/AMHP.4105.2015

Bonato, F., Bubka, A., & Krueger, W. (December 2015). A wearable device providing a visual fixation point for the alleviation of motion sickness symptoms. *Military Medicine*, 180, 1268-1272. doi: 10.7205/MILMED-D-14-00424

Published Peer-Reviewed Abstract

Bonato, F., Thornton, W., Labropoulos, D., & Bubka, A. (March 2015). Predicted bone loss rate changes for spaceflight based on terrestrial skeletal unloading: A meta-analysis [Abstract}. *Aerospace Medicine and Human Performance*, 86(3), 159.

MARYELLEN HAMILTON

Peer-Reviewed Journal Articles

Geraci, L., Hamilton, M. & Guillory, J. (2015). Age effects in implicit memory: The role of response competition induced by relative word frequency. *Experimental Aging Research*, 41(5), 496-509. Published November 2015

Ensor, K*. & Hamilton, M. (2014). Effect of Distinctive Frames on Memory for Pictures. *Empirical Study of the Arts*.32(2), 121-131. Published July 2014 (*SPU alum)

LEONOR LEGA

Book

Vargas, C.& Lega, L. (2010). *Manual Práctico TREC*. San Jose, Costa Rica: CETREC. (2nd. Ed., 2016)

Peer-Reviewed Journal Article

Lega, L. Heman, H., O'Kelly, M., Khumar, S., Alcid, L. & Rodriguez, K (2014). Multicultural adaptations of the O'Kelly Women Belief Scales to US, India, Colombia and Mexico, *Business Perspectives and Research*,2(2),1-8.

DANIEL WISNESKI

Peer-Reviewed Journal Articles

Brandt, M. J., Wisneski, D. C., & Skitka, L. J., (2015). Moralization and the 2012 U.S. Presidential election campaign. *Journal of Social and Political Psychology*, 3, 211-237.

Skitka, L. J., Morgan, G. S., & Wisneski, D. C. (2015). Political orientation and moral conviction: A conservative advantage or an equal opportunity motivator of political engagement? Chapter prepared for J. Forgas, W. Crano, & K. Fiedler (Eds.), *Social psychology and politics (the 17th Sydney Symposium)*, Psychology Press.

Department of Sociology and Urban Studies

ALEX TRILLO

Peer-Reviewed Journal Article

Trillo, A. and Naatus, M.K. (2015) 'In defence of the neighbourhood: understanding micro-business entrepreneurship, embeddedness and social capital as a means to community well-being', *International Journal of Social Entrepreneurship and Innovation*, Vol. 3, No. 5, pp.400–420.