



Saint Peter's
UNIVERSITY

*A Celebration of
Faculty Scholarship*

April 24, 2013



SPU Publishers' Reception

April 24, 2013 – 3:00, Library

*An event to honor SPU Faculty who have written and published
March 2011 to February 2013.*

Introduction and Welcome

Andrea Bubka, Ph.D.
Interim Director, Faculty Research and Sponsored Programs

Research Presentations

William Luhr, Ph.D., English
Nina Shapiro, Ph.D. Economics & Finance
WeiDong, Zhu, Ph.D., Applied Science & Technology

Congratulatory Remarks

Marylou Yam, Ph.D.
Provost & Vice President for Academic Affairs

Reception

Closing Remarks and Reflections

Velda Goldberg, Ph.D.
Dean, College of Arts & Sciences/School of Business Administration

Jennifer Ayala

Department of Education

Journal Article

Ayala, J., & Galletta, A. (2012). Documenting disappearing spaces: Erasure and remembrance in two high school closures. *Peace and Conflict: A Journal of Peace Psychology*, 18, 149-155.

Fine, M., Ayala, J., & Zaal, M. (2012). Public science and participatory policy development: Reclaiming policy as a democratic project. Special issue "What would a socially-just education system look like?" *Journal of Education Policy*, 27, 685-692.

Book Review

Ayala, J. (2011). Invited book review for Ilan Stavans (Ed.) Quinceanera. *Camino Real: Estudios de las Hispanidades Norteamericanas*, 3(4), p. 207-208.

Paul Bartlett

Department of Economics

Journal Article

Gusev, A., MacLeod, M., & Bartlett, P. (2012). Intercontinental transport of persistent organic pollutants: A review of key findings and recommendations of the task force on hemispheric transport of air pollutants and directions for future research, *Atmospheric Pollution Review*, 3(4), 463-465. doi: 10.5094/APR.2012.053 2012

Book Chapter

Harner, T., Hung, H., Shatalov, V., Macdonald, R., Ma, J., Li, Y.-F., Guardans, R., Bartlett, P. (2011). Conceptual Overview (Chapter 1). In Dutchak, S. & Zuber, A. (Eds.). Part C: Persistent Organic Pollutants, Hemispheric Transport of Air Pollution 2010 (Air Pollution Studies No. 19). Geneva, Switzerland: United Nations Economic Commission for Europe. Retrieved from: <http://www.unece.org/index.php?id=25371>

Gusev, A., MacLeod, M., Shatalov, V., Li, Y.-F., Ma, L., Hollander, A., Bartlett, P., Lammel, G., Tao, S., van de Meent, D. (2011) Global and regional modelling of POPs (Chapter 4). In Dutchak, S. & Zuber, A. (Eds.). In Part C: Persistent Organic Pollutants, Hemispheric Transport of Air Pollution 2010 (Air Pollution Studies No. 19). Geneva, Switzerland: United Nations Economic Commission for Europe. Retrieved from: <http://www.unece.org/index.php?id=25371>

Frederick Bonato

Department of Psychology

Journal Article

Newman, M., McCarthy, G., Glaser, S., Bonato, F., & Bubka, A. (2013). Motion sickness adaptation to Coriolis-inducing head movements in a sustained-G flight simulator. *Aviation, Space, and Environmental Medicine, 84*, 104-109. doi: 10.33357/ASEM.3170.2013

Kim, J., Palmisano, S., & Bonato, F. (2012). Simulated angular head oscillation enhances vection in depth. *Perception, 41(4)*, 402-414.

Bonato, F., Bubka, A., Ishak, S., Graveline, V. (2011). The sickening rug: A repeating static pattern that leads to motion-sickness-like symptoms. *Perception, 40(4)*, 493-496. doi: 10.1068/p6829

Palmisano, S., Allison, R., Kim, J., & Bonato, F. (2011). Simulated viewpoint jitter shakes sensory conflict accounts of vection. *Seeing and Perceiving, 24*, 173-200.

Anna Brown

Department of Political Science

Edited Book

Faith, Resistance, and the Future: Daniel Berrigan's Challenge to Catholic Social Thought, eds. Anna J. Brown and James L. Marsh (New York: Fordham University Press, 2012).

Journal Article

Anna J. Brown, review of Mark S. Massa, S.J., *The American Catholic Revolution: How the '60's Changed the Church Forever*, *The Sixties: A Journal of History, Politics, and Culture*, Vol. 4, Issue 1 (June 2011), Routledge, 84-86.

Other

Featured in documentary film, "An Encounter with Simone Weil, which opened at the Quad Theater, New York City, on March 23, 2012. The film had its world premier at the International Documentary Film Festival in Amsterdam, November of 2011.

Stephanie Bryan

Department of Health and Physical Education

Journal Article

Bryan, S., Parasher, R., Pinto Zipp, G. (Sept 2012) [The Effects of Yoga on Psychosocial Variables and Exercise Adherence: A Randomized, Controlled Pilot Study](#), *Alternative Therapies in Health and Medicine*, (18), 5, 50-59.

Andrea Bubka

Department of Psychology

Journal Article

Newman, M., McCarthy, G., Glaser, S., Bonato, F., & Bubka, A. (February 2013). Motion sickness adaptation to Coriolis-inducing head movements in a sustained-G flight simulator. *Aviation, Space, and Environmental Medicine*, 84, 104-109. doi: 10.33357/ASEM.3170.2013

Bonato, F., Bubka, A., Ishak, S., Graveline, V. (June 2011). The sickening rug: A repeating static pattern that leads to motion-sickness-like symptoms. *Perception*, 40(4), 493-496. doi: 10.1068/p6829

Lori Buza

Department of Accountancy and Business Law

Journal Article

“The Supreme Court’s Ruling on the Affordable Care Act: The Debate Continues,” [Thompson Reuters’ Westlaw Journal, Litigation, Legislation, Regulation and Commentary](#), Featured Article/ Expert Commentary, Vol. 22, Issue 48, September 7, 2012.

“Third Circuit Establishes a New ‘Joint Employment’ Test: What is the Impact of the ‘Enterprise Test’ On Employment Law Practitioners?” [New Jersey Law Journal, Employment Law Edition](#), Vol. 209 – No. 8, August 27, 2012.

"Protecting Children With Severe Food Allergies: Schools Are Required to Address The Special Needs of Their Pupils," [New Jersey Law Journal, Schools and Education Edition](#), Vol. 204 - No. 6, May 9, 2011.

"Effective Measures in Harassment Cases: Have the New Jersey Courts Established a Reasonable Standard of Care?" [New Jersey Law Journal, Employment & Immigration Law Edition](#), Vol. 204 - No. 3, April 18, 2011.

"Rule Changes Ease ADR Process For Cross-Border Attorneys," New Jersey Law Journal, Alternative Dispute Resolution Edition, Vol. 203 - No. 13, March 28, 2011.

Jill Callahan

Department of Biology

Journal Article

Callahan J. E., Munro CL, Kitten T. (2011) The *Streptococcus sanguinis* competence regulon is not required for infective endocarditis virulence in a rabbit model. *PLoS One.*; 6(10):e26403.

Rodriguez, A. M., Callahan, J. E., Fawcett, P., and Kitten. T. (2011) Physiological and molecular characterization of genetic competence in *Streptococcus sanguinis*. *Mol Oral Microbiol* 26(2):99-116.

Kristina Chew

Department of Modern and Classical Languages and Literatures

Book Chapter

Chew, K. "Odysseus and 'The Fools': Applying Concepts of Neurodiversity to the Ancient World." *Ethics and Neurodiversity*. Ed. C.D. Herrera and Alexandra Henry (Cambridge Scholars Publishing 2013).

Chew, K. "Autism and the Task of the Translator." *Autism and Representation*. Ed. Joyce Davison and Michael Orsini. University of Minnesota Press (2013).

Journal Article

Chew, K. "Me As a Boy: On Raising an Asian American and Autistic Son." *The State of Illness and Disability*. Spec. Issue of *Amerasia Journal* (2013).

Essay in International Newspaper

"Do We Need a Cure For Autism?." *Guardian*, 22 February 2013.

<<http://www.guardian.co.uk/commentisfree/2013/feb/22/does-autism-need-a-cure>>

Book Review

Review of Richmond Lattimore, Richard Martin (trans.), *The Iliad of Homer* (new introduction and notes by Richard Martin; first published 1951). Chicago; London: University of Chicago Press, 2011. In *Bryn Mawr Classical Review* 2012.10.04.

<<http://bmcr.brynmawr.edu/2012/2012-10-04.html>>

Marilyn Cohen

Department of Sociology & Urban Studies

Book

Cohen, M., Editor. *Novel Approaches to Anthropology* (Lanham, MD: Lexington Books, 2013).

Deirdre Conlon

Department of Sociology and Urban Studies

Book Review

Conlon, D. (2012) Why wait? Practice, politics, and percipience in Craig Jeffrey's Timepass. *Dialogues in Human Geography*2(1): 95-97

Research Report

Gill, N., **Conlon, D.**, Oeppen, C., Tyler, I. (2012) *Networks of Asylum Support in the UK and USA: A Handbook of Ideas, Strategies and Best Practice for Asylum Support Groups in a Challenging Social and Economic Climate*. ESRC Research Report, grant reference number: Res-00-22-3928.

Jessica Epstein

Department of Chemistry

Journal Article

Epstein, J. **2012** Stereochemistry of Drug Action: Case Studies with Enantiomers *Journal of College Science Teaching*, 41 (3): 64-68.

Joshua Feinberg

Department of Psychology

Journal Article

Heman, H., Lega, L. O'Kelly, M., Friedman, M. & Feinberg, J. (2012) Preliminary Factor Analysis of the O' Kelly Women Beliefs Scale in a US sample, *Universita Psicologica,II(2)*, 611-617.

Michael Finetti

Department of Education

Journal Article

Luongo, M. & Finetti, M. “Introducing New Literacies and Fan Fiction into the Classroom”, *Journal for Computing Teachers (JCT)* 2013.

Eileen Flynn

Department of Theology

Book

Flynn, E. (July, 2012). *Ethical Lessons of the Financial Crisis*, New York: Routledge.

Matthew Fung

Department of Economics & Finance

Journal Article

Fung, M. “The Potential Contributions of Behavioral Finance to Post Keynesian and Institutional Finance Theories’ *Journal of Post Keynesian Economics*, Vol. 33, No. 4 (Summer 2011), pp. 555-573.

Maria Graziano

Department of Modern & Classical Languages & Literatures

Journal Article

Graziano, M. “Le rime setose del *Canzoniere* di Petrarca (tessute nel bozzolo delle sue memorie)” (Petrarca’s Silky Rhymes Woven In the Cocoon of his Memories) *Italica*: 89:3 (2012). Indiana: Indiana University.

Brian Hopkins

Department of Mathematics

Journal Article

Michael Henle and Brian Hopkins, editors, *Martin Gardner in the Twenty-First Century*, Mathematical Association of America, (December 2012).

Brian Hopkins, “30 Years of Bulgarian Solitaire,” *College Mathematics Journal* 43(2): 289 – 297 (March 2012).

Patents

Brian Hopkins, John Houston, and Arun Ramaswamy, “Systems and Methods for Metering and Analyzing Energy Consumption of Events Within a Portable Device,” assignee The Nielsen Company, United States Patent 8,032,317, October 2011. Continued in United States Patent 8,364,429, January 2013.

Leonor Lega

Department of Psychology

Journal Article

Lega, L. & Procel, S. (2012) Aculturación y Diferencias Generacionales en las Creencias Irracionales sobre el Rol Femenino Tradicional en Madres e Hijas Ecuatorianas Residentes en Ecuador y en Estados Unidos, *Revista Colombiana de Psicología*, 22(1).

Heman, H., Lega, L. O’Kelly, M., Friedman, M. & Feinberg, J. (2012) Preliminary Factor Analysis of the O’ Kelly Women Beliefs Scale in a US sample, *Universita Psicologica*, II(2), 611-617.

Locher, P., Lega, L. & Kumar, S. (2012). Women’s Irrational Beliefs about Traditional Female Stereotypes as a Function of Intergenerational Influences, *Synergy*.

Book Chapter

Lega, L. & Johnson, S. (2012) Helping couples deal with cultural and religious differences. In: Vernon, A. *Cognitive and Rational Emotive Therapy with Couples*. New York: Springer.

William Luhr

Department of English

Book

Luhr, W. *Film Noir* (in Wiley–Blackwell *New Approaches to Film Genre Series*) Oxford, U.K. and Malden, Mass.: Wiley-Blackwell Publishing, 2012.

Book Chapter

Luhr, W. “The Coen Brothers and the Post-Hollywood Studio Era” in *The Wiley-Blackwell History of American Film, Volume IV – 1976 to the Present*, edited by Cynthia Lucia, Roy Grundmann, and Art Simon. Malden, Mass.: Wiley-Blackwell Publishing, 2012, 386-405.

Nicole Luongo
Department of Education

Journal Article

Finetti, M., & Luongo, N. (2013). Introducing new literacies and fan fiction into the classroom. *Journal for Computing Teachers*.

Luongo, N. (2012). Using technology in the elementary classroom. *The New Jersey Mathematics Teacher: Journal of the Association of Mathematics Teachers of New Jersey*, 70(1), 23-29.

Luongo, N. (2012). Increasing elementary school teachers' awareness of gender inequity in student computer usage. *International Electronic Journal of Elementary Education*, 4(3), 519-554.

Book Review

Luongo, N. (Fall 2012). Affective teacher education [Review of the book Affective teacher education: Exploring connections among knowledge, skills, and dispositions]. *Issues in Teacher Education*.

Other Publications

Luongo, N. (2012). Let's Pre-Blog: Using Blogs as Prewriting Tools in the Elementary Classroom. *New Horizons for Learning: Johns Hopkins School of Education Journal*, 10(1), from <http://education.ihu.edu/newhorizons/Journals/Winter2012/Luongo>, Winter 2012

Luongo, N. (2011). Teaching Tip: Tips for New Teachers. *Association of Mathematics Teachers of New Jersey (AMTNJ) Newsletter*, 37(2), Fall 2011

Luongo, N. (2011). Let's Keep the "Fan" in Fanfiction, *Teachers.net Gazette* from <http://teachers.net/gazette/wordpress/nicole-luongo/let%E2%80%99s-keep-the-%E2%80%9Cfan%E2%80%9D-in-fan-fiction/>, October 2011

Beatrice Mady

Department of Fine Arts

Book

Peru in Digital Prints and Photographs, Beatrice M. Mady, Apple, 2012

Kathleen Motacki

Department of Nursing

Book

Motacki, K., Kapoian, T., O'Mara, N., *The Illustrated Guide to Infection Control*, (2011), Springer Publishing.

Sheila J. Rabin

Department of History

Book Chapter

Rabin, S.J. (2011) "Whither Kabbalah? Giovanni Pico della Mirandola, Kabbalah, and the *Disputations against Judicial Astrology*." In *Hebraic Aspects of the Renaissance*, ed. Ilana Zinguer, Abraham Melamed, and Zur Shalev, 43-52. Leiden: Brill.

Book Review

Rabin, S.J. (Winter 2011). Review of *Niccolò Copernico e la fondazione del cosmo eliocentrico: Con testo, traduzione e commentario del libro I de Le rivoluzioni celesti* by Anna De Pace. *Renaissance Quarterly* 64, 1270-1271.

Rabin, S.J. (Winter 2011). Review of *The Nature of Natural Philosophy in the Late Middle Ages* by Edward Grant. *Sixteenth Century Journal* 42, 1162-1163.

Rabin, S.J. (Summer 2012). Review of *The Copernican Question: Prognostication, Skepticism, and Celestial Order* by Robert S. Westman. *Renaissance Quarterly* 65, 559-561.

Entry in Scholarly Reference Work

Rabin, S.J. (Summer 2011). "Astrology, Alchemy, and Magic." In *Oxford Bibliographies Online: Renaissance and Reformation*. <http://www.oxfordbibliographiesonline.com>.

Katherine Safford

Department of Mathematics

Article in Peer-Reviewed Conference Proceedings

Safford-Ramus, K. (2012). A review and summary of dissertation research in adult mathematics education – the next decade. In Maguire, T., Keogh, J. and O'Donoghue, J (Eds.), *Mathematical eyes: a bridge between adults, the world and mathematics* (pp. 327-332). Dublin, Ireland: Institute of Technology Dublin.

Safford-Ramus, K. (2012). Professional development for middle school teachers: a summary of recent research in the united states final report. In Maguire, T., Keogh, J. and O'Donoghue, J (Eds.), *Mathematical eyes: a bridge between adults, the world and mathematics* (pp. 333-340). Dublin, Ireland: Institute of Technology Dublin.

Book Review

Safford-Ramus, K. (2012). Review of the book *Mathematical methods in science* by G. Polya, MAA Reviews, MathDL.

Leonard Sciorra

Department of Applied Science and Technology

Book Chapter

Assessing the Mutagenic Effects of Biomaterials Analysing the Cellular Genome and Abnormalities, by Leonard Sciorra and Aileen Arriola , Chapter 7 in Characterization of Biomaterials, pages 224-261 Edited by M. Jaffe, W. Hammond, P. Tolias and T. Arinzeh. Woodhead Publishing Limited, 2013.

Fatima Shaik

Department of Communications

Journal Article

Shaik, Fatima, Winter-Spring 2013, "Life is For the Living", Xavier Review, Volume 32, Issues 1 & 2, pages 9-18. (Shaik is the issue's feature author, cover photo.)

Shaik, Fatima, January, 2013, "Searching for a Name", [Bengali Harlem](#), Vivek Bald, website www.BengaliHarlem.com

Nina Shapiro

Department of Economics and Finance

Journal Article

Shapiro, N. (July/August 2012). "Keynes, Steindl, and the Critique of Austerity Economics." *Monthly Review*, 64, 103-113.

Shapiro, N. (June 2012). "Josef Steindl: An Economist of His Times." *PSL Quarterly Review*, 65, 167-187. Reprinted in Italian (December 2012) as "Josef Steindl: un economista del suo tempo." *Moneta e Credito*, 65, 293-315.

Book Chapter

Shapiro, N. (January, 2012). "Competition." In J. E. King (Ed.), *Elgar Companion to Post Keynesian Economics*, Second Edition, (pp. 92-96). Adershot, England: Edward Elgar, 2012.

Shapiro, N. (September 2011). "The Function of Firms: Alternative Views." In P. Arestis (Ed.), *Microeconomics, Macroeconomics and Economic Policy* (pp. 3-20). London: Palgrave Macmillan.

David Surrey

Department of Sociology & Urban Studies

Book Chapter

Surrey, D. Mark Twain's Weapon of Mass Destruction: "The Human Race Has Only One Really Effective Weapon and that is Laughter" in Novel Approaches to Anthropology: Lanham, Md. Lexington Books, 2013

Constance Wagner

Department of English

Journal Article

Wagner, Constance G.J. (2012). "Sacramentum Midgard: Frodo as Sacrament to Middle-earth". *Silver Leaves*, 4, 83 - 86.

Book Review

Wagner, Constance G.J. (2012). "Echoing the Ainur's Song: Doug Adams *The Music of The Lord of the Rings Films*". (Review of the book *The Music of The Lord of the Rings Films* by Doug Adams). *Silver Leaves*, 4, 96 - 100.

Poetry

Wagner, Constance G.J. (2012) "Smaug's Riddle". *Silver Leaves*, 4, 21.

Wagner, Constance G.J. (2012) "Dragon Is Aloft". *Silver Leaves*, 4, 35.

Cynthia Walker

Department of Communications

Journal Article

Walker, C. *An Interview with Paula Smith*, special history issue, *Transformative Works and Culture* (6), March 15, 2011

at <http://journal.transformativeworks.org/index.php/twc/article/view/243/205>

Theater Review

Theatre reviews for The Record/The Home News Tribune/Asbury Park Press, daily newspapers serving central NJ.

2011

Crimes of the Heart	McCarter Theater	March 14
Sleeping Beauty Wakes	McCarter Theater	May 20
Annie	Middlesex Plays in the Park	July 1
Timon of Athens	Shakespeare Theatre of NJ	July 13
Hairspray	Middlesex Plays in the Park	July 18
Godspell	Middlesex Plays in the Park	August 8
Accidental Death of an Anarchist	Shakespeare Theatre of NJ	August 12
Othello	Shakespeare Theater of NJ	Sept 16
Ten Cents a Dance	McCarter Theatre	Sept 23
A Christmas Carol	Shakespeare Theatre of NJ	December 8
A Christmas Carol	McCarter Theatre	December 23

2012

The Convert	McCarter Theatre, Princeton	January 20
Are You there, McPhee	McCarter Theatre Princeton	May 14
Henry IV Part 1	Shakespeare Theater of NJ	June 10
My Fair Lady,	Middlesex County Plays in Park	June 22
The Liar	Shakespeare Theater of NJ	July 10
Damn Yankees	Middlesex County Plays in the Park	July 12
Grease	Middlesex County Plays in Park	Aug 1
Oliver Twist	Shakespeare Theatre of NJ	Sept 18
Vanya and Sonia and Masha and Spike	McCarter Theatre	Sept 20
Man of La Mancha	Shakespeare Theatre of NJ	Oct 27

Trelawny of the Wells Christmas Carol	Shakespeare Theatre NJ McCarter Theatre	Dec 4 Dec 11
2013		
Delicate Balance	McCarter Theatre	Jan 29

WeiDong Zhu

Department of Applied Science and Technology

Journal Article

*J. Pan, X. Yang, K. Sun, J. Wang, P. Sun, H. Wu, K. Becker, W. Zhu**, *J. Zhang, & J. Fang*, Tooth Bleaching Using Low Concentrations of Hydrogen Peroxide in the Presence of a Non-thermal Plasma Jet, *IEEE Transaction on Plasma Science*, 41 (2013) 325-329

*J. Pan, K. Sun, Y. Liang, P. Sun, J. Zhang, W. Zhu**, *J. Fang, K. H. Becker*, In-vitro cold plasma therapy of a tooth root *J. Pan, X. Yang, K. Sun, J. Wang, P. Sun, H. Wu, K. H. Becker, W. Zhu, J. Zhang and J. Fang*, canal infected with *Enterococcus faecalis* biofilms, *Journal of Endodontics*, 39 (2013) 105-110

*R. Wang, W. Nian, H. Wu, H. Feng, K. Zhang, J. Zhang, W. Zhu**, *K.H. Becker, and J. Fang*, Atmospheric-pressure cold plasma treatment of contaminated fresh fruit and vegetable slices: inactivation and physiochemical properties evaluation, *the European Physical Journal D: Atomic, Molecular, Optical and Plasma Physics*, 66 (2012) 276 (7 pages)

*J. Wang, X. Yang, K. Sun, P. Sun, J. Pan, W. Zhu**, *K. H. Becker, J. Zhang, J. Fang*, Tooth Enamel Evaluation after Tooth Bleaching with Hydrogen Peroxide Assisted by a DC Non-Thermal Atmospheric Pressure Plasma Jet, *IEEE Transactions on Plasma Science*, 40 (2012) 2157 (6 pages)

*Q. Zhang, P. Sun, H. Feng, R. Wang, Y. Liang, W. Zhu**, *K. H. Becker, J. Zhang, J. Fang*, Assessment of the Roles of Various Inactivation Agents in an Argon-based Direct Current Atmospheric Pressure Cold Plasma Jet, *Journal of Applied Physics*, 111 (2012) 123305 (6 pages)

*W. Zhu** and *J. Lopez*, DC Non-thermal Atmospheric-pressure Plasma Microjet, *Plasma Sources Science and Technology*, 21 (2012) 034018 (10 pages)

*R. Ma, H. Feng, F. Li, Y. Liang, Q. Zhang, W. Zhu**, *J. Zhang, K. H. Becker and J. Fang*, An Evaluation of Anti-oxidative Protection for Cells against Atmospheric Pressure Cold Plasma Treatment, *Applied Physics Letters*, 100 (2012) 123701 (4 pages)

J.K. Schoenbach and W. Zhu, High-Pressure Microdischarges: Sources of Ultraviolet Radiation, *Journal of Quantum Electronics*, 48 (2012) 768 – 782 (Invited Paper)

*H. Wu, P. Sun, H. Feng, H. Zhou, R. Wang, Y. Liang, J. Lu, W. Zhu**, *J. Zhang**, *J. Fang*, Reactive Oxygen Species in a Non-thermal Plasma Microjet and Water System: Generation,

Conversion, and Contributions to Bacteria Inactivation - An Analysis by Electron Spin Resonance Spectroscopy, *Plasma Processes and Polymers*, 9 (2012) 417 – 424

P. Sun, H. Wu, N. Bai, H. Zhou, R. Wang, H. Feng, F. Liu, W. Zhu, J. Zhang, J. Fang, Inactivation of *Bacillus subtilis* Spores in Water by a Direct-Current, Cold Atmospheric-Pressure Air Plasma Microjet, *Plasma Processes and Polymers*, 9 (2012) 157 – 164

R. Wang, H. Zhou, P. Sun, H. Wu, J. Pan, W. Zhu, J. Zhang, J. Fang, The Effect of an Atmospheric Pressure, DC Non-thermal Plasma Microjet on Tooth Root Canal, Dentinal Tubules Infection and Re-infection Prevention, *Plasma Medicine*, 1 (2011) 143 – 155

V.S. Johnson, W. Zhu, R. Wang, J. Lo Re, S. Sivaram, J. Mahoney and J. Lopez, A Cold, Atmospheric Pressure Helium Plasma Generated in Flexible Tubing, *IEEE Transaction on Plasma Science*, 39 (2011) 2360 – 2361

J. Mahoney, W. Zhu, D. Palacios, V.S. Johnson and J. Lopez, Footprints of a Fast-Pulsed Dielectric Barrier Discharge (DBD), *IEEE Transaction on Plasma Science*, 39 (2011) 2182 – 2183

D.A. O'Brien, W. Zhu, and J. Lopez, Student Experiences with Plasma Phenomena, *IEEE Transactions on Plasma Science*, 39 (2011) 2584

*R. Wang, W. Zhu**, *J. Lo Re, J. Zhang, J. Fang and J. Lopez*, Laminar-to-Turbulent Transition of a DC Helium/Oxygen (2%) Plasma Microjet, *IEEE Transaction on Plasma Science*, 39 (2011) 2374

*N. Bai, P. Sun, H. Zhou, H. Wu, R. Wang, F. Liu, W. Zhu**, *J. Zhang, J. Fang*, Inactivation of *Staphylococcus aureus* in water by a Cold, He/O₂ Atmospheric Pressure Plasma Microjet, *Plasma Processes and Polymers*, 8 (2011) 424

P. Sun, Y. Sun, H. Wu, W. Zhu, J. Lopez, W. Liu, J. Zhang, R. Li and J. Fang, Atmospheric pressure cold plasma as an antifungal therapy, *Applied Physics Letters*, 98 (2011) 021501