**Liz Johnson**

*8813 Covey Rise Court, Charlotte, NC 28226 ● 704.293.1482 ● LJohnson@Carolina.RR.com*

**Educational Leader / Organizational Manager**

Dedicated and resourceful Organizational Manager with extensive skills delivering outstanding customer service and leadership. Offers strong capabilities within account development and management, including networking and building successful organizations. Develops and implements successful strategic, public relations, marketing and sales plans for businesses, non-profits, political campaigns, academic institutions and fitness facilities. Highly motivated achiever recognized for a broad range of administrative and technological competencies. Extremely hard-working individual who willingly takes initiative and is dedicated to extending the fullest efforts to achieve organizational goals. Offers strong competencies in public policy, research, youth organizations, national associations, international relations and communication.

**Career Overview**

**Journal on Policy and Complex Systems,** Washington, DC 2012-Present

***Co-Founder / Managing Editor***

Provide strategic planning, development of promotional materials, public relations, board recruitment, author recruitment, intern recruitment, conference organization, list management, reviewing, editing and outreach.

**Easytime, LLC,** Charlotte, NC 2011-Present

***PRESIDENT***

Actively purchase and invest in residential and commercial properties. Conduct all facets of operational management, including financial, record keeping, subcontractor management, resale and administration.

**Complex Systems Institute - University of North Carolina,** Charlotte, NC 2010-Present

***INSTRUCTOR***

Deliver research and instruction within short courses and seminars on complexity and modeling in policy as presented to institutes, national organizations and universities.

**Joyful Movement Pilates LLC / YMCA,** Charlotte, NC 1999-Present

***MASTER PILATES TEACHER / TRAINER***

Provided training for hundreds of instructors and professional dancers/athletes. Opened the first Pilates equipment studio in the YMCA to assist fitness studios and gyms in start-up operations. Initiated the Pilates mat, equipment and prop certification for the YMCA.

**Prior Career History**

*Coach*, Charlotte Latin Cross-Country and Track, Charlotte, NC (1997-2009)

*Radio Talk Show Host / Producer / News Anchor*, where, Columbia, SC (1997-1999)

*Democratic Party Chair*, Harvey Gantt Senate Campaign, Charlotte, NC (1992-1996)

*Counselor/Volunteer*, WomenReach and Women’s Commission, Charlotte, NC (1985-1992)

*Account Manager*, Lever Brothers, Charlotte, NC (1979-1983)

*Sales Representative*, Johnson & Johnson, Columbia, SC (1977-1979)

**Academic Instruction and Advisory Experience**

*Specialist / After-School Enrichment Instructor / Substitute Teacher (K-12)*, Jonnie McLeod Treatment Center High School / Charlotte Mecklenburg, Charlotte, NC (1990-1992)

*Personal Finance Instructor*, Adult/Central Piedmont Community College, Charlotte, NC (1985-1986)

*Advisor*, Children’s Defense Fund Freedom Schools, Charlotte Secondary School, McClintock Partners in Education, Charlotte-Mecklenburg School System, Charlotte, NC (2012-present)

*Advisor,* Alaska Congresswomen Tammy Wilson and Chief of Staff Barbara Barnes: Native American stakeholder engagement / school attendance policy and health care initiatives (2014)

*Advisor,* Michael Gallis and Associates Co-Evolution Project (2012-present)

*Advisor for Researchers and Doctoral Students* - South American policy, sports, education, nursing, modeling, complexity and international relations (2012-present)

*Instructor for Doctoral Independent Study on Policy and Complexity* - University of Illinois (2014-present)

**Education**

**B.A. - Journalism: Broadcasting and Public Relations**, University of South Carolina, Columbia, SC (1977)

**M.H.D.L. - Counseling**, University of North Carolina, Charlotte, NC (1986)

**M.A. - Ethics & Applied Philosophy**, University of North Carolina, Charlotte, NC (2007)

**Public Policy** **Doctoral Program** - University of North Carolina, Charlotte, NC (2008-2011)

**Education Policy & Leadership Doctoral Program**, George Washington University, Washington, DC (2011-Present ABD)

**Certifications:** Certified Arbitrator, American Arbitration Association; Certified Mediator, Mediation Center

**Training:** Business Leadership; Applied Ethics (Graduate Certificate); Computer Science programming and game design; Nine research classes taken in doctorate studies: statistics, advanced statistics, research design, program evaluation, qualitative research, case study, agent-based modeling; STATA; *“Complex Physical, Biological & Social Systems: A Coherent Program of Complex systems Concepts and Methods,” “Complex Systems Modeling and Networks,” Lab CX-103 Computer Programming and Complex Systems* - New England Complexity Systems Institute, MIT, Cambridge, MA

**Research Projects**

*Research* - Complex Systems Institute, University of North Carolina, Charlotte, NC (2010-Present)

*Current Projects:* “A Complexity Approach to NC Charter School Classroom Interactions and Climate: Achievement Gap Impacts” for dissertation; “Applications of Complexity Science and Tools for Modeling Policy: Is a Complexity Approach Better?” organizer and chair for the American Political Science Association 2014 Annual Meeting; Computing Summer Camp for Disadvantaged Middle School Students; Ghana Secondary Schools Classroom Climate; Tobacco Policy Integrating Complexity Methodologies- case study

**Academic Affiliations**

Complex Systems Institute, University of North Carolina, Charlotte; Association for the Advancement of Artificial Intelligence; American Political Science Association; Association for Computer Machinery; American Education Research Association

**Honors and Recognition**

The George Washington University, Academic Excellence, 2013; Lifetime Achievement Award Charlotte Flight Track Club, 2011; Nominated for Masters Track & Field Hall of Fame 2010; Phi Kappa Phi Honor Society, 2007; Gamecocks That Go For It Alumni: All-Around Athlete 2007; Nominated Michelob Ultra Athlete of the Year 11/07 by *Masters Athlete Magazine*; Member Involvement Champion YMCA 2006; YMCA Rose Service Award 2005; YMCA Fitness Award 2004; US Military Entrance Processing Command; Distinguished Speaker, 1997; Labor Council Outstanding Service Award 1996; Persephone’s Celebration Merit Award, 1996; “Write Women into History Award,” National Women’s History Project 1995; Focus on Leadership Facilitator, 1995; UNCC Alumni Profile: Passion for Politics, 1994; Charlotte Woman Magazine Trailblazer, feature article, 1993; Nominated for Woman of the Year, Woman’s Equality Day: 1993; NC Equity Advocacy Leadership, 1993; Women’s Equality Day Outstanding Service & Support, 1991 & 1993; Dr. Martin Luther King, Jr. Award, Keeper of the Dream Honor Roll, 1992; Governor Hunt Citizen Involvement Appreciation Certificate, 1992

**International Leadership**

*Development Committee Member* - Turks and Cacois Olympic Team (2006-Present)

*Founding Committee Member* - Turks and Cacois YMCA (2006-Present)

*Educational Exchange Liaison* - Turks and Cacois College (2006-Present)

*Liaison* - Olympic Truce Foundation (2006)

**Community Leadership**

*Foreign Press Liaison* - Democratic National Convention, Boston MA (2004)

*Press Liaison* - Democratic National Convention, Charlotte, NC (2012)

*National Media Committee Participant* - U.S. Masters Track and Field (2004-Present)

*Board of Director Member* - Served on 40+ boards in Charlotte, NC (1980-Present)

*Educational Scholarship Donor* – Education and philosophy (2008-Present)

*Mentor* – Athletics, politics and academic (1996-Present)

**Academic publications and reviewing (\*Peer reviewed)**

\*"New Ideas on the World’s Complexities," co-editors Mirsad Hadzikadic & Liz Johnson, Washington, DC: Policy Studies Organization, 2014.

\*"Scientific Paradigms in the United States: Are We Ready for Complexity Science?" book chapter in Complexity and the Human Experience: Modeling Complexity in the Humanities and Social Sciences, 2014, co-author Dr. Michael Givel, published by Pan Stanford.

International Political Science Review reviewer, 2014-present.

\*"Agent-Based Modeling," The Encyclopedia of Political Thought, January 2014.

\*"Modeling and Application to Policy Research" In R. Geyer & P. Cairney (Eds.), Handbook on Complexity and Public Policy. Cheltenham Glos, UK: Edward Elgar, 2014.

\*"Applying Complexity to Qualitative Policy Research: An Exploratory Case Study," Journal of Social Science for Policy Development, June 2013(1), 1.

"Roundtable Report on the Progress of Complexity and Policy in the U.S. and Internationally," for Dupont Summit Proceedings 2012, co-authors Dr. Geyer and Dr. Givel.

\*"The Future Engaging Complexity and Policy: Afghanistan Citizen Allegiance Model," co-writers Dr. Hadzikadic & Dr. Whitmeyer, International Journal of Humanities and Social Sciences, June 15, 2013, Vol. 3, No. 10. Best Papers in 2013 Award.

Journal on Policy and Complex Systems published by Policy Studies Organization, November 2012, co-founder and managing editor. Recruited editor, international members of editorial board, and American Political Science Association caucus chair in complexity and policy.

American Education Research Association, Annual Meeting Reviewer, Chaos, and Complexity Theories, 2012-present.

\*"Are We Ready for Nanotechnology? Redefining the Human in Public Policy," International Journal of Humanities and Social Science Special Issue, 2011, 1, 17, co-author Paul Youngman.

"The Exploration of Engineering Hybrid Modeling Strategies Applied to World Cup Soccer." Association for the Advancement of Artificial Intelligence Complex Adaptive Systems: Information, Energy, & Intelligence Symposium Proceedings Technical Report, November 2011.

Association for the Advancement of Artificial Intelligence Complex Adaptive Systems: Information, Energy, & Intelligence Symposium, November 2011, organizing, program committee, and reviewer.

"Incorporating Political Science Simulations in Curriculum: A Guide for Political Science Education," Complex Systems Institute, January 2011.

"Agent Based Model Overview: A Guide for Public Policy Practitioners," Complex Systems Institute, August 2010.

"Science & Technology Innovation as a Complex Adaptive System: Applying the Natural Processes of Complexity to Policymaking" for American Political Science Association, Social Science Research Network, SSRN eLibrary, August, 2010.

\*"Counseling in the Nanotechnology Frontier" Counseling Today, Feb. 2009, with Dr. Jack Culbreth.

"Are We Ready for Nanotechnology? How to Define Humanness In Public Policy" for American Political Science Association, Social Science Research Network, SSRN eLibrary, August, 2009.

**ACADEMIC PRESENTATIONS, COURSES, WORKSHOPS AND PROJECTS**

Conference on Complex Systems, Health Disparities & Population Health: Building Bridges, NIH Bethesda, MD. February 24-25, (Conference only had poster session presentations for participants).

Dupont Summit on Science, Technology, and Environmental Policy Issues, Washington, DC, December 2014, Journal Editor Sessions for Journal of Policy & Complex Systems.

Illinois Political Science Annual Conference, Elgin, Illinois, November 2013, Invited Panelist for Modeling a Complex System to Analyze Political Violence & Social Uprising, Presented "Agent-Based Modeling Overview."

International Society for Educational Planning, Niagara Falls, NY, October 2013, "A Complexity Science Approach to Educational Planning."

Social Complexity Modes of Explanation, Paris, 2013 invited to attend, "Co-evolving Research."

American Education Research Association, San Francisco, May 2013, "A Case Study Exploring Complexity Applications to Qualitative Inquiry."

Dupont Summit on Pressing Issues and Amid the Political Maelstrom, Organized and presented "Complexity Science and U. S. Policy Theory and Practice: A Roundtable Discussion of Complexity as the Paradigm Game Changer," December 2012.

Turks and Cacois Islands civil service education strategic plan, August 2012.

Sports and Society International Conference, Cambridge, England, July 2012.

"World Cup Soccer Hybrid Simulation: A Novel Approach for Modeling Complex Adaptive Systems in Sporting Cultures."

Human Complexity 2012: The First Annual Conference of Complexity and Human Experience, Modeling Complexity in the Humanities and Social Sciences, Charlotte, NC, June 2012. "Scientific Paradigms In US Policy Theory: Is It Time for Complexity Science?" with Dr. Givel.

Gaming Eureka computer gaming simulation camp, Charlotte, NC June 2012 - present. Co-founder and organizer.

Educational Symposium for Research and Innovations, March 2012, Washington, DC, A Gallery Walk of Aesthetic Methodologies "Symbolic Journey into the Alternate Modes of Qualitative Experience," film presentation.

Educational Symposium for Research and Innovations, March 2012, Washington, DC "Complexity, Networks, Plan Do Study Act Conscious Learning: Theory & Integration Into Practical Action."

Educational Symposium for Research and Innovations, March 2012, Washington, DC, "Theatrical Re- Enactment of Modern Apartheid in Public School Education," Co-writer and co-presenter with Maranda Ward, Leah Zimmerman, Lauren McHugh.

American Political Science Association Teaching and Learning Conference, February 2012,Washington, DC. Integrating Technology into the Classroom Workshops, "Computer Game Design for Political Science Curriculum: An Easy "How To" Guide," awarded travel grant.

Dupont Summit-Science, Technology & Environmental Policy: Pressing Issues, Little Time, December 2011. "Education Policy Options: Mediocre To Great in Science & Technology."

Association for the Advancement of Artificial Intelligence Complex Adaptive Systems: Information, Energy, & Intelligence Symposium, November 2011.

Organizing & program committee. Presented "The Exploration of Engineering Hybrid Modeling Strategies Applied to World Cup Soccer."

Science and Society International Conference, September 2011, Washington, DC. "Globalization of Interdisciplinary Scientific Research: A Complex Adaptive Systems Approach as a Possible Strategy."

American Political Science Association, August 2011-present, Seattle, WA. Organizer and Co-Presenter of APSA Short Courses "Understanding Complexity I: Simple Applications for Political Science & Policy Research & Theory Development and "Understanding Complexity II: A Simple Guide to Using & Developing Agent-Based Models for Research."

National Endowment for the Humanities Summer Institute, Distinguished Lecture Series, June 2011, Charlotte, NC. Presented "Hybrid Modeling of Social Phenomena."

International Conference on Complex Systems, June 2011, Boston, MA. Presented at plenary and poster sessions," World Cup Soccer Simulation: Demonstrating a Hybrid Multi-Scale CAS for Real-World Dynamics." Co-researchers Klaus Diepold and James Mathieson.

University of North Carolina Odom Institute, March 2011, "Agent-Based Modeling" course with co-presenters Dr. Mirsad Hadzakic and Dr. Ted Carmichael.

University of North Carolina Charlotte, March 2011, Charlotte, NC. Presented Agent-based Modeling to research methods class.

Complexity Applied to Educational Research, February 2011, UNCC Education Department, Charlotte, NC with Dr. Mirsad Hadzikadic.

American Political Science Association Teaching and Learning Conference, February 2011, Albuquerque, New Mexico. "A Gentle Guide to Incorporating Political Science Simulations in Curriculum" for the "Workshops: Integrating Technology into the Classroom."

Dupont Summit-Report Card at Midstream: The Obama Administration Faces Science, Technology, and Environmental Issues, Washington, DC, December 2010.

"An Interdisciplinary Approach of Complexity and Agent-Based Modeling: Actively Engaging Society in Science & Technology Policy."

Science and Society International Conference, November 2010, Madrid, Spain. "Future-oriented Socially Engaged Science: Accounting for Complexity & Delivering on Policy Simulation Modeling for the General Public."

American Political Science Association, September 2010, Washington, DC. Organizer and Co-Presenter of APSA Short Course "Agent-Based Modeling in Policy: How to Simply Demonstrate Dynamics, Complexity, and Alternatives in Analysis."

American Political Science Association Science, Technology, and Environmental Politics Poster Session, September 2010, Washington, DC. "Science & Technology Innovation as a Complex Adaptive System: Applying the Natural Processes of Complexity to Policymaking."

Group presentation to New England Complexity Systems Institute, 2010, Cambridge, MA. "Complex Hybrid Systems Strategy: World Cup Soccer and Global Gaming."

Group presentation to New England Complexity Systems Institute, 2010, Cambridge, MA. "A Social Networks Approach to Intervening Against Obesity."

UNCC Philosophy of Technology class, May 2010. Presented "Complexity Research & Its Role in Science & Technology Innovation."

Sports and Society International Conference, Vancouver, Canada, January 2010. Presented "Does the NFL Contribute to Linguistic Violence?"

Dupont Summit-The New Administration's Challenges on Science & Technology Policy, Staying the Course in Times of Crisis, December 2009, Washington, DC. Presented Science & Technology Innovation as a Complex Adaptive System: Adapting Policy Typologies & Mechanisms."

North Carolina Bar Association Intellectual Property Committee 2009, Raleigh, NC. Presented "Pilot Study Nanotechnology Innovation Patent Needs Assessment Survey."

Society for Study of Nanoscience and Emerging Technology 2009, Seattle, Washington. Organized Patent Panel & Presented "Nano Patent Needs Assessment: Where Are We and Where Do We Go From Here?"

Society for Study of Nanoscience and Emerging Technology 2009, Seattle, Washington. Presented "Nonincrementalism as a Public Policy Framework for Nanoscience and Emerging, Transformative Technologies: Adapting for Complex Systems."

American Political Science Association 2009, Toronto, Canada. Presented "Are We Ready for Nanotechnology? How to Define Humanness In Public Policy."

Women's Leadership Conference: Becoming a Wiser Woman 2009, Charlotte, NC. Presented "Women's Philosophy of Wisdom: How to Put More Passion & Humor in Your Life."

Southeastern Women's Study's Association, 1990, Charlotte, NC. Presented Women as Peacemakers: Making Peace with Yourself and the World."