

BIOGRAPHICAL SKETCH

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NAME Johnson, Jane C.	POSITION TITLE Director, Research Support		
eRA COMMONS USER NAME jcjohnsonmo			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
University of Missouri, Columbia, MO	B.A.	1985	Mathematics
University of Missouri, Columbia, MO	M.A.	1994	Statistics
University of Missouri, Columbia, MO	Ph.D. a/b/d		Statistics

A. Positions and Honors

1985-1986 Statistical Consultant, Campus Computing, University of Missouri (MU), Columbia, MO
1986-1994 Computer Programmer/Analyst, Division of Biostatistics, MU
1991-1999 Faculty Member, Research Enrichment Programs, Nationwide (NIDRR-funded), Kirksville College of Osteopathic Medicine (KCOM; HRSA-funded), and MU
1994-1999 Statistician, Integrated Technology Services (Biostatistics), MU
1995-1996 Statistical Programming Consultant, Office of the Attorney General, State of Missouri, Jefferson City, MO
1998 Graduate Teaching Assistant, Department of Statistics, MU
2001 Certificate of Completion, NIH Human Subjects Assurance Training (980454040)
2001-2005 Secretary, Sigma Xi, Kirksville Chapter
2003 Who's Who in America, 57th Edition
2003-2004 Graduate Faculty, Truman State University, Kirksville, MO (Thesis committee: Cheri Dunham)
2006 Special Service Award, Kirksville Chapter, Sigma Xi
1994-Present Member, American Statistical Association
1998-Present Member, Sigma Xi (Elected 1998)
1999-Present Member, International Biometric Society, Eastern North American Region
1999-Present Member, North American Primary Care Research Group
1999-Present A.T. Still University, Kirksville, MO
2000-2005 Adjunct Assistant Professor, School of Health Management
2003-2007 Member, Graduate Advisory Committees, Master of Biomedical Sciences Program, KCOM (Sean Martin, 2003; Samuel Pullen, 2003-2007)
1999-Present Director, Office of Research Support
1999-Present Member, Interdisciplinary Research Committee
1999-Present Member, Institutional Review Board
2002-Present Instructor, Dept. of Family/Preventive Medicine, and Community Health, KCOM
2002-Present Director, Biostatistics Core, A.T. Still Research Institute
2006-Present Faculty Sponsor, LDS Student Association
2000-Present Reviewer, North American Primary Care Research Group
2002-Present Reviewer, Annals of Family Medicine
2005-Present Reviewer, American Association of Colleges of Osteopathic Medicine

B. Selected Peer-Reviewed Publications (in chronological order) (Selected from 64 since 1990)

Tsutakawa RK, **Johnson JC**: The Effect of Uncertainty of Item Parameter Estimation on Ability Estimates. Psychometrika 55(2):371-90, 1990.
Bridges AJ, Anderson JD, McKay J, Wang G, **Johnson J**, Sharp GC: Antinuclear Antibody Testing in a Referral Laboratory. Laboratory Medicine 24(6):345-9, 1993.
Hagglund KJ, Clay DL, Frank RG, Beck NC, Kashani JH, Hewett J, **Johnson J**, Goldstein DE, Cassidy JT: Assessing Anger Expression in Children and Adolescents. J Pediatric Psychology 19(3):291-304, 1994.
Vogelweid CM, Wright DC, **Johnson JC**, Hewett JE, Walker SE: Evaluation of Memory, Learning Ability, and Clinical Neurologic Function in Pathogen-Free Mice with Systemic Lupus Erythematosus. Arthritis & Rheumatism 37(6):889-97, 1994.

- Buckelew SP, Murray SE, Hewett JE, **Johnson J**, Huyser B: Self-Efficacy, Pain, and Physical Activity Among Fibromyalgia Subjects. Arthritis Care and Research 8(1):43-50, 1995.
- Clay DL, Wood PK, Frank RG, Hagglund KJ, **Johnson JC**: Examining Systematic Differences in Adaptation to Chronic Illness: A Growth Modeling Approach. Rehabilitation Psychology 40(1):61-70, 1995. Recipient: 1997 Springer Award, Division of Rehabilitation Psychology, American Psychological Association.
- Bridges AJ, Anderson J, Wang G, **Johnson J**, Sharp GC: Detecting Autoantibodies to Small Nuclear Ribonucleoproteins: Comparison of Three Methods. Laboratory Medicine 26(7):474-8, 1995.
- Hewett JE, Buckelew SP, **Johnson JC**, Shaw SE, Huyser B, Fu YZ: Selection of Measures Suitable for Evaluating Change in Fibromyalgia Clinical Trials. J Rheumatology 22(12):2307-12, 1995.
- Parker JC, Smarr KL, Buckelew SP, Stucky-Ropp RC, Hewett JE, **Johnson JC**, Wright GE, Irvin WS, Walker SE: Effects of Stress Management on Clinical Outcomes in Rheumatoid Arthritis. Arthritis & Rheumatism 38(12):1807-18, 1995.
- Hagglund KJ, Doyle NM, Clay DL, Frank RG, **Johnson JC**, Pressly TA: A Family Retreat as a Comprehensive Intervention for Children with Arthritis and Their Families. Arthritis Care and Research 9(1):35-41, 1996.
- Buckelew SP, Huyser B, Hewett JE, Parker JC, **Johnson JC**, Conway R, Kay DR: Self-Efficacy Predicting Outcome among Fibromyalgia Subjects. Arthritis Care and Research 9(2):97-104, 1996.
- Chiou-Tan FY, Tuel SM, **Johnson JC**, Priebe MM, Hirsh DD, Strayer JR: Effect of Mexiletine on Spinal Cord Injury Dysesthetic Pain. American J Physical Medicine & Rehabilitation 75(2):84-7, 1996.
- Haghighi SS, Sirintrapun SJ, **Johnson JC**, Keller BP, Oro JJ: Suppression of Spinal and Cortical Somatosensory Evoked Potentials by Desflurane Anesthesia. J Neurosurgical Anesthesiology 8(2):148-53, 1996.
- Wright GE, Parker JC, Smarr KL, Schoenfeld-Smith K, Buckelew SP, Slaughter JR, **Johnson JC**, Hewett JE: Risk Factors for Depression in Rheumatoid Arthritis. Arthritis Care and Research 9(2):264-72, 1996.
- Levy CE, Nishida T, Speckman P, Barkov G, **Johnson JC**: Three-Dimensional Vector Graphing of the H Reflex. American J Physical Medicine & Rehabilitation 75(3):188-93, 1996.
- Schoenfeld-Smith K, Petroski GF, Hewett JE, **Johnson JC**, Wright GE, Smarr KL, Walker SE, Parker JC: A Biopsychosocial Model of Disability in Rheumatoid Arthritis. Arthritis Care and Research 9(5):368-75, 1996.
- Minor MA, **Johnson JC**: Reliability and Validity of a Submaximal Treadmill Test to Estimate Aerobic Capacity in Women with Rheumatic Disease. J Rheumatology 23(9):1517-23, 1996.
- Longo DR, Brownson RC, **Johnson JC**, Hewett JE, Kruse RL, Novotny TE, Logan RA: Hospital Smoking Bans and Employee Smoking Behavior: Results of a National Survey. J American Medical Association 275(16):1252-7, 1996. Recipient: Society of Teachers of Family Medicine Research Paper Award, 1997.
- Vieth AZ, Hagglund KJ, Clay DL, Frank RG, Thayer JF, **Johnson JC**, Goldstein DE: The Contribution of Hope and Affectivity to Diabetes-Related Disability: An Exploratory Study. J Clinical Psychology in Medical Settings 4(1):65-77, 1997.
- Huyser B, Buckelew SP, Hewett JE, **Johnson JC**: Factors Affecting Adherence to Rehabilitation Interventions for Individuals with Fibromyalgia. Rehabilitation Psychology 42(2):75-91, 1997.
- Mahajan RJ, **Johnson JC**, Marshall JB: Predictors of Patient Cooperation during Gastrointestinal Endoscopy. J Clinical Gastroenterology 24(4):220-3, 1997.
- McCaw DL, Miller MA, Bergman PJ, Withrow SJ, Moore AS, Knapp DW, Fowler D, **Johnson JC**: Vincristine Therapy for Mast Cell Tumors in Dogs. J Veterinary Internal Medicine 11(6):375-8, 1997.
- Fugate LP, Spacek LA, Kresty LA, Levy CE, **Johnson JC**, Mysiw WJ: Definition of Agitation Following Traumatic Brain Injury: I. A Survey of the Brain Injury Special Interest Group of the American Academy of Physical Medicine and Rehabilitation. Archives of Physical Medicine and Rehabilitation 78:917-23, 1997.
- Fugate LP, Spacek LA, Kresty LA, Levy CE, **Johnson JC**, Mysiw WJ: Measurement and Treatment of Agitation Following Traumatic Brain Injury: II. A Survey of the Brain Injury Special Interest Group of the American Academy of Physical Medicine and Rehabilitation. Archives of Physical Medicine and Rehabilitation 78:924-8, 1997.
- McCaw DL, Tate D, Dubovi EJ, **Johnson JC**: Early Protection of Puppies Against Canine Parvo Virus: A Comparison of Two Vaccines. J American Animal Hospital Association 33:244-50, 1997.
- Wright GE, Parker JC, Smarr KL, **Johnson JC**, Hewett JE, Walker SE: Age, Depressive Symptoms, and Rheumatoid Arthritis. Arthritis & Rheumatism 41(2):298-305, 1998.
- Buckelew SP, Conway R, Parker J, Deuser WE, Read J, Witty TE, Hewett JE, Minor M, **Johnson JC**, Van Male L, McIntosh MJ, Nigh M, Kay DR: Biofeedback/Relaxation Training and Exercise Interventions for Fibromyalgia: A Prospective Trial. Arthritis Care and Research 11(3):196-209, 1998.
- Frank RG, Hagglund KJ, Schopp LH, Thayer JF, Vieth AZ, Cassidy JT, Goldstein DE, Beck NC, Clay DL, Hewett JE, **Johnson JC**, Chaney JM, Kashani JH: Disease and Family Contributors to Adaptation in

Juvenile Rheumatoid Arthritis and Juvenile Diabetes. Arthritis Care and Research 11(3):166-76, 1998.

Frank RG, Thayer JF, Hagglund KJ, Vieth AZ, Schopp LH, Beck NC, Kashani JH, Goldstein DE, Cassidy JT, Clay DL, Chaney JM, Hewett JE, **Johnson JC**: Trajectories of Adaptation in Pediatric Chronic Illness: The Importance of the Individual. J Consulting and Clinical Psychology 66(3):521-32, 1998.

Farwell W, Simonyi A, Scott H, Zhang JP, Carruthers V, Madsen R, **Johnson J**, Sun GY: Effects of Ischemic Tolerance on mRNA Levels of IP₃R1, β -Actin, and Neuron-Specific Enolase in Hippocampal CA1 Area of the Gerbil Brain. Neurochemical Research 23(4):539-42, 1998.

Huyser BA, Parker JC, Thoreson R, Smarr KL, **Johnson JC**, Hoffman R: Predictors of Subjective Fatigue Among Individuals with Rheumatoid Arthritis. Arthritis & Rheumatism 41(12):2230-7, 1998.

Rossy LA, Buckelew SP, Dorr N, Hagglund KJ, Thayer JF, McIntosh MJ, Hewett JE, **Johnson JC**: A Meta-Analysis of Fibromyalgia Treatment Interventions. Annals of Behavioral Medicine 21(2):180-91, 1999.

Burdet MA, Hoffman RW, Deutcher SL, Wang GS, **Johnson JC**, Sharp GC: Long-Term Outcome in Mixed Connective Tissue Disease: Longitudinal Clinical and Serologic Findings. Arthritis & Rheumatism 42(5):899-909, 1999.

Early DS, Saifuddin T, **Johnson JC**, King PD, Marshall JB: Patient Attitudes Toward Undergoing Colonoscopy Without Sedation. American J Gastroenterology 94(7):1862-5, 1999.

Chen Y, Hewett J, Wang Y, **Johnson J**: A Rank Test for Equality of Two Multivariate Populations vs a Particular Ordered Alternative. Computational Statistics & Data Analysis 29:129-44, 1999.

Lutz PM, Wilson TJ, Ireland J, Jones AL, Gorman JS, Gale NL, **Johnson JC**, Hewett JE: Elevated Immunoglobulin E (IgE) Levels in Children with Exposure to Environmental Lead. Toxicology 134:63-78, 1999.

Tomlinson JL, Cook JL, Payne JT, Anderson CC, **Johnson JC**: Closed Reduction and Lag Screw Fixation of Sacroiliac Luxations and Fractures. Veterinary Surgery 28:188-93, 1999.

Elmore JR, Heymann H, **Johnson J**, Hewett JE: Preference Mapping: Relating Acceptance of "Creaminess" to a Descriptive Sensory Map of a Semi-Solid. Food Quality and Preference 10:465-75, 1999.

Johnstone B, Vieth AZ, **Johnson JC**, Shaw JA: Recall as a Function of Single Versus Multiple Trials: Implications for Rehabilitation. Rehabilitation Psychology 45(1):3-19, 2000.

Cohn LA, McCaw DL, Tate DJ, **Johnson JC**: Assessment of Five Portable Blood Glucose Meters, a Point-of-Care Analyzer, and Color Test Strips for Measuring Blood Glucose Concentration in Dogs. J American Veterinary Medical Association 216(2):198-202, 2000.

Farmer J, Gibler M, Kavanaugh R, **Johnson J**: Preventing Traumatic Brain Injury: An Innovative Approach to Outcomes Assessment. Brain Injury 14(2):109-15, 2000.

Cutter NC, Scott DD, **Johnson JC**, Whiteneck G: Gabapentin Effect on Spasticity in Multiple Sclerosis: A Placebo-Controlled, Randomized Trial. Archives of Physical Medicine and Rehabilitation 81:164-9, 2000.

Newcomer KL, Laskowski ER, Yu B, **Johnson JC**, An KN: Differences in Repositioning Error in Low Back Pain Subjects Compared with Control Subjects. Spine 25(19):2488-93, 2000.

Hagglund KJ, Vieth AZ, Sadler CS, **Johnson JC**, Hewett JE: Caregiver Personality Characteristics and Adaptation to Juvenile Rheumatic Disease. Rehabilitation Psychology 45(3):242-59, 2000.

Tomlinson JL, **Johnson JC**: Quantification of Measurement of Femoral Head Coverage and Norberg Angle within and among Four Breeds of Dogs. American J Veterinary Research 61(12):1492-500, 2000.

Logan RA, Nuttall RJ, Hazelwood SE, Parker JC, **Johnson JC**, Hewett JE, Reid JC: Audience Motivations to Use an Arthritis Website. Arthritis Care and Research 13(5):320-9, 2000.

Rhee SH, Parker JC, Smarr KL, Petroski GF, **Johnson JC**, Hewett JE, Wright GE, Multon KD, Walker SE: Stress Management in Rheumatoid Arthritis: What Is the Underlying Mechanism? Arthritis Care and Research 13(6):435-42, 2000.

Sun J, Kim Y, Hewett J, **Johnson JC**, Farmer J, Gibler M: Evaluation of Traffic Injury Prevention Programs Using Counting Process Approaches. J American Statistical Association 96(454):469-75, 2001.

McCaw DL, Boon GD, Jergens AE, Kern MR, Bowles MH, **Johnson JC**: Immunomodulation Therapy for Feline Leukemia Virus Infection. J American Animal Hospital Association 37:356-63, 2001.

Newcomer KL, Laskowski ER, Yu B, **Johnson JC**, An KN: The Effects of a Lumbar Support on Repositioning Error in Subjects with Low Back Pain. Archives of Physical Medicine and Rehabilitation 82(7):906-10, 2001.

Longo DR, **Johnson JC**, Kruse RL, Brownson RC, Hewett JE: A Prospective Investigation of the Impact of Smoking Bans on Tobacco Cessation and Relapse. Tobacco Control 10(3):267-72, 2001.

McMahon MA, Noll RB, Michaud LJ, **Johnson JC**: Sibling Adjustment to Pediatric Traumatic Brain Injury: A Case-Controlled Pilot Study. J Head Trauma Rehabilitation 16(6):587-94, 2001.

Yates HA, Vardy TC, Kuchera ML, Ripley BD, **Johnson JC**: Effects of Osteopathic Manipulative Treatment and Concentric and Eccentric Maximal-Effort Exercise on Women with Multiple Sclerosis: A Pilot Study.

- J American Osteopathic Association 102(5):267-74, 2002.
- Gay RE, Amadio PC, **Johnson JC**: Comparative Responsiveness of the Disabilities of the Arm, Shoulder, and Hand, the Carpal Tunnel Questionnaire, and the SF-36 to Clinical Change after Carpal Tunnel Release. J Hand Surgery 28A(2):250-4, 2003.
- Webster JB, Parker JC, Moore DP, **Johnson JC**: Research Activities and Perspectives of Individuals Completing a Research Enrichment Program for Physiatrists. American J Physical Medicine & Rehabilitation 82(5):403-9, 2003.
- Darmani NA, **Johnson JC**: Central and Peripheral Mechanisms Contribute to the Antiemetic Actions of Delta-9-Tetrahydrocannabinol Against 5-Hydroxytryptophan-Induced Emesis. European J Pharmacology 488:201-12, 2004.
- Noll DR, Degenhardt BF, Stuart MK, Werden S, McGovern RJ, **Johnson JC**: The Effect of Osteopathic Manipulative Treatment on Immune Response to the Influenza Vaccine in Nursing Home Residents: A Pilot Study. Alternative Therapies in Health and Medicine 10(4):74-6, 2004.
- Degenhardt BF, Snider KT, Snider EJ, **Johnson JC**: Interobserver Reliability of Osteopathic Palpatory Diagnostic Tests of the Lumbar Spine: Improvements From Consensus Training. J American Osteopathic Association 105(10):465-73, 2005.
- Noll DR, **Johnson JC**: Revisiting Castllo and Ferris-Swift's Experiments Testing the Effects of Splenic Pump in Normal Individuals. International J Osteopathic Medicine 8(4):124-30, 2005.
- Smith CM, Peterson DF, Degenhardt BF, **Johnson JC**: Depression, Anxiety, and Perceived Hassles Among Entering Medical Students. Psychology, Health, & Medicine 12(1):31-9, 2007.
- Koch AJ, Wherry AD, Peterson MC, **Johnson JC**, Stuart MK, Sexton WL: Salivary Immunoglobulin A Response to a Collegiate Rugby Game. J Strength and Conditioning Research 21(1):86-90, 2007.
- Snider KT, **Johnson JC**, Snider EJ, Degenhardt BF: Increased Incidence and Severity of Somatic Dysfunction in Chronic Low Back Pain. J American Osteopathic Association (in press).
- Noll DR, **Johnson JC**, Brooks J: Revisiting Castllo and Ferris-Swift's Experiments on Direct Splenic Stimulation in Acute Infectious Disease. J American Osteopathic Association (in press).
- Degenhardt BF, Darmani NA, **Johnson JC**, Towns LC, Rhodes DCJ, Trinh C, McClanahan B, Di Marzo V: Osteopathic Manipulative Treatment Alters Pain Biomarkers: A Pilot Study. J American Osteopathic Association (in press).

C. Research Support

ONGOING

Noll (PI)

Osteopathic Heritage Foundation, et al.

Multi-Center Osteopathic Pneumonia Study in the Elderly

Goal: To test the efficacy of osteopathic manipulative treatment (OMT) plus conventional care in the elderly hospitalized with pneumonia.

Degenhardt (PI)

ATSU Strategic Research Initiative

Advancing Instrumentation Objectifying Palpatory Tests

Goal: To advance instrumentation used to assess the reliability and validity of common palpatory tests.

Snider (PI)

ATSU Strategic Research Initiative

Accuracy of Skin Markers in Determining the Location of the Spinous Processes of L1-L4

Goal: To assess the accuracy of palpation to determine the location of the spinous processes.

Singh (PI)

ATSU Strategic Research Initiative

Manual Therapy-Specific Gene Expression Correlating with Nociceptive Pain Relief

Goal: To gain expertise in the use of a rat model for the relief of ankle pain using knee mobilization, and develop pilot data on gene regulation within rat spinal cord tissue with the overall goal of increasing the likelihood of obtaining extramural funding for an expanded study.

Degenhardt (PI)

American Osteopathic Association

Investigation of Inflammatory Markers for the Effect of Osteopathic Manipulative Treatment on Subjects with Low Back Pain

Goal: To determine whether local and systemic levels of inflammatory cytokines are elevated for low back pain, and whether those cytokines are decreased following OMT.

03/01/04 – 04/30/07

Responsibilities: Statistician

07/01/05 – 06/30/07

Responsibilities: Statistician

07/01/05 – 06/30/07

Responsibilities: Statistician

07/01/06 – 06/30/07

Responsibilities: Statistician

09/01/06 – 08/31/07

Responsibilities: Statistician

Noll (PI)

09/01/06 – 08/31/07

American Osteopathic Association

Responsibilities: Statistician

Thoracic Lymphatic Pump Techniques for Reducing Lung Volumes in Persons with Chronic Obstructive Pulmonary Disease (COPD)

Goal: To determine whether manipulative protocols can be developed to produce sustained reductions in residual volume and improve pulmonary function parameters in people with COPD.**Wilson (PI)**

09/01/06 – 08/31/10

George Washington Institute for Spirituality and Health

Responsibilities: Statistician

A Longitudinal Program in Spirituality and Culturally Competent Care

Goal: To enhance the coverage of spiritual and cultural issues throughout KCOM's curriculum to equip students to provide compassionate and holistic health care appropriate to patient beliefs/cultural background.COMPLETED**Darmani (PI)**

07/01/02 – 06/30/04

ATSU Strategic Research Initiative

Responsibilities: Statistician

Investigation of Biochemical Markers for the Effect of OMT

Goal: To investigate whether biochemical markers exist that quantify the effect of OMT.**Degenhardt (PI)**

07/01/02 – 09/30/04

ATSU Strategic Research Initiative

Responsibilities: Statistician

Developing Instrumentation for Objectifying Interexaminer Reliability

Goal: To develop and pilot instruments that can be used to assess the reliability and validity of common osteopathic palpatory tests.**F02-08 Newton (PI), Degenhardt (Faculty Sponsor)**

09/01/02 – 08/31/04

American Osteopathic Association

Responsibilities: Statistician

Evaluating the Efficacy of a Simple Osteopathic Treatment Approach in Dysmenorrhea

Goal: To test the efficacy of simple paraspinal and sacral inhibition technique to reduce pain in dysmenorrhea.**Degenhardt (PI)**

07/01/04 – 06/30/05

ATSU Strategic Research Initiative

Responsibilities: Statistician

Effect of OMT on Heart Rate Variability in Post-MI Patients

Goal: To document the effects of OMT on the autonomic nervous system (heart rate variability) in patients with recent myocardial infarction.**Snider (PI)**

01/15/04 – 06/30/06

ATSU Strategic Research Initiative

Responsibilities: Statistician

The Effect of OMT on Somatic Dysfunction, BMD, and Degenerative Changes in the Lumbar Spine

Goal: To identify a relationship between early degenerative joint disease, bone mineral density, and somatic dysfunction in the lumbar spine; and to evaluate the effect of osteopathic manipulative treatment (OMT).**Noll (PI)**

07/01/05 – 06/30/06

ATSU Strategic Research Initiative

Responsibilities: Statistician

The Immediate Effects of the Splenic Pump in Normal Adults

Goal: To determine the short-term effect of splenic pump on blood cell counts of normal adults.**D. Selected Published Abstracts and Professional Presentations (in chronological order)**Reid JC, **Johnson JC**: Starting a Patient Database for Chronic Disease. Proceedings of the AAMSI Congress 89 7:144-148, 1989.Hewett JE, **Johnson JC**: Statistical Methods and Inferences for Research in Arthritis with Multiple Outcomes.A 75-minute workshop presented at the National Meeting of the Arthritis Health Professions Association, October 13, 1992. Arthritis Care and Research 5(4):S11, 1992. (Abstract)Hewett JE, **Johnson JC**: Evaluation of Measures and Interim Analyses for Longitudinal Studies. A 60-minute workshop presented at the National Meeting of the Arthritis Health Professions Association, November 10, 1993. Arthritis Care and Research 6(4):S17, 1993. (Abstract)Hewett JE, **Johnson JC**: Statistical Methods Appropriate for Longitudinal Studies and Data Analyses. A 90-minute workshop presented at the National Meeting of the Association of Rheumatology Health Professionals, October 21, 1996. Arthritis & Rheumatism 39:S325, 1996. (Abstract)Hewett JE, **Johnson JC**: Data Management. A 60-minute "Meet the Expert" session presented at the National Meeting of the Association of Rheumatology Health Professionals, October 20, 1996.Hewett JE, **Johnson JC**: Appropriate Use of Covariate Analyses in Arthritis Research. A 90-minute workshop presented at the National Meeting of the Association of Rheumatology Health Professionals,

- November 9, 1998. (Abstract)
- Noll DR, Gamber RG, Swift J, **Johnson JC**: Somatic Dysfunction Findings from the OMT in the Elderly Hospitalized with Pneumonia Study. J American Osteopathic Association 99(8):422, 1999. (Abstract)
- Noll DR, Degenhardt BF, **Johnson JC**, Matteson M: A Sham Treatment Protocol to Blind Nursing Home Residents to Group Assignment. J American Osteopathic Association 100(8):513, 2000. (Abstract)
- Noll DR, Degenhardt BF, **Johnson JC**, Matteson M: A Pilot Study using OMT to Reduce Antibiotic Use in Nursing Home Residents. J American Osteopathic Association 100(8):513, 2000. (Abstract)
- Werden SD, Noll DR, Stuart M, **Johnson JC**, Degenhardt BF: Quantitative Analysis of Elderly Immune Responses to Influenza Vaccination with Osteopathic Manipulation. J American Osteopathic Association 100(8):513, 2000. (Abstract)
- Yates HA, **Johnson JC**: Opinions toward the Use of OMT by Oklahoma D.O.s Responding to Surveys in 1984 and 1999. J American Osteopathic Association 100(8):514, 2000. (Abstract)
- Degenhardt BF, Eland DC, **Johnson JC**, Peterson DF: Impact of an Holistic Wellness Program on the Severity of Stress Perceived by Osteopathic Medical Students. J American Osteopathic Association 100(8):516, 2000. (Abstract)
- Eland DC, Degenhardt BF, **Johnson JC**, Peterson DF: The Effect of Curricular Model, Problem Based vs Lecture Based, on Trends toward Anxiety and Depression in First Year Osteopathic Medical Students. J American Osteopathic Association 100(8):517, 2000. (Abstract)
- Johnson JC**: Small Group Follow-up – Statistical Analysis of Pilot Activities. A 90-minute workshop presented at the 13th Triennial International Congress on Integrative Manual Medicine Post-Conference “Tools for Scientific Investigation in Manual Medicine Research”, July 29, 2001.
- Johnson JC**: Statistical Techniques to Compare Independent Groups on a Continuous Outcome Measure from a Pre-/Post-Intervention Design. A 90-minute workshop presented at the 29th Annual Meeting of the North American Primary Care Research Group, October 15, 2001.
- Johnson JC**: Relationships with IRBs. A 90-minute workshop and 30-minute recap presented at the Osteopathic Collaborative Clinical Trials Initiative Conference III, October 25 and 26, 2001.
- Degenhardt BF, Snider KT, **Johnson JC**, Snider EJ: Retention of Interexaminer Reliability in Palpatory Evaluation of the Lumbar Spine. J American Osteopathic Association 102(8):439, 2002. (Abstract)
- Noll DR, Degenhardt BF, **Johnson JC**, Burt SA: Can a Sham Treatment Blind Subjects with Obstructive Lung Disease to Group Assignment? J American Osteopathic Association 102(8):439, 2002. (Abstract)
- Snider KT, Degenhardt BF, **Johnson JC**, Snider EJ: Somatic Dysfunction and Segmental BMD T-Score Variation in the Lumbar Spine. J American Osteopathic Association 102(8):441, 2002. (Abstract)
- Noll DR, Degenhardt BF, **Johnson JC**, Burt SA: The Immediate Effect of OMT on Pulmonary Function Parameters in Obstructive Pulmonary Disease. J American Osteopathic Association 102(8):442, 2002. (Abstract)
- Degenhardt BF, Snider KT, **Johnson JC**, Snider EJ: Interexaminer Reliability of Osteopathic Palpatory Evaluation of the Lumbar Spine. J American Osteopathic Association 102(8):442, 2002. (Abstract)
- Degenhardt BF, Kenney RG, McGovern RJ, **Johnson JC**: Impact of Osteopathic Manual Medicine in Patients with Knee Osteoarthritis. J American Osteopathic Association 102(8):443, 2002. (Abstract)
- Caldwell CT, Degenhardt BF, **Johnson JC**, Hoberman CJ: Patient-reported Outcomes of Osteopathic Manipulative Treatment, The Development of a Research Tool. J American Osteopathic Association 103(8):378, 2003. (Abstract)
- Degenhardt BF, **Johnson JC**, Yang Q, Burt SA, Powell W: Objectifying the Reliability of Palpatory Tests Assessing Positional Asymmetry. J American Osteopathic Association 104(8):343, 2004. (Abstract)
- Degenhardt BF, Darmani N, Towns L, Rhodes DCJ, Trinh C, **Johnson JC**: Investigating the Effect of OMT on Circulatory Biochemical Markers. J American Osteopathic Association 104(8):343, 2004. (Abstract)
- Noll DR, Baer RW, Sexton WL, **Johnson J**, Snider E, Slocum PC: Effects of Thoracic Lymphatic Pump with and without Activation on Pulmonary Residual Volumes in COPD. J Osteopathic Medicine 7(2):99-100, 2004. (Abstract)
- Johnson JC**: Regression Analysis: Logistic, Polychotomous, Poisson, and Linear. A 90-minute workshop presented at the 32nd Annual Meeting of the North American Primary Care Research Group, Oct. 12, 2004.
- Johnson JC**: How Many Subjects Will I Need? A 90-minute workshop presented at the 33rd Annual Meeting of the North American Primary Care Research Group, October 18, 2005.
- Degenhardt BF, Eitel N, Heard JT, **Johnson JC**, Sublette G: Designing Residency Research. A 3-hour workshop presented at the 49th Annual Research Conference of the American Osteopathic Association, October 24, 2005.

- Rivera-Martinez S, Degenhardt B, Howell J, **Johnson J**: Issues of Reliability. A panel presentation at the 49th Annual Research Conference of the American Osteopathic Association, October 26, 2005.
- Halma KD, Snider KT, **Johnson JC**, Flaim MS, Bradshaw D, Degenhardt BF: Determining the Intra-observer Reliability of the Evaluation of Cranial Strain Patterns. J American Osteopathic Association 106(8):471, 2006. (Abstract)
- Noll DR, **Johnson J**, Snider E: Operator Differences in the Use of Thoracic Lymphatic Pump Technique in Persons with COPD. J American Osteopathic Association 106(8):474, 2006. (Abstract)
- Harpenau CM, Inoue A, **Johnson JC**, Chamberlain NR, Jadoon-Khamash E, Noll DR: The Immediate Effects of the Splenic Pump Technique on Blood Cell Counts in Normal Adults. J American Osteopathic Association 106(8):474, 2006. (Abstract)
- Inoue A, Harpenau CM, Chamberlain NR, **Johnson JC**, Jadoon-Khamash E, Noll DR: The Immediate Effects of the Splenic Pump on Serum Level of C-reactive Protein in Normal Adults. J American Osteopathic Association 106(8):474-475, 2006. (Abstract)
- Degenhardt BF, Yang Q, **Johnson JC**: Examiners Prioritize Displacement Over Pressure and Force Measurements When Diagnosing Rotational Thoracic Vertebral Motion. J American Osteopathic Association 106(8):476, 2006. (Abstract)