

Curriculum Vitae  
**Benjamin F. Johnson, Ed.D.**

**Professional Profile:**

A 32-year University faculty member/administrator with extensive and varied expertise in Colleges of: Natural and Behavioral Sciences; Health and Human Services; Health and Human Sciences; and Education. An experienced researcher and excellent teacher with a strong commitment to community service and outreach. Highly capable fund developer and advocate for health, science and human service related programs. The leadership style that has served me well over my career is that of transformational leadership in combination with the incorporation of democratic/participative and charismatic leadership principles. Significant experience/expertise in:

- Administration of university-based college, centers, departments and academic programs
- Research/scholarly activity, teaching and service in health/wellness/rehabilitation / ergonomics
- Development of opportunities for underserved populations including people with disabilities, women and girls, and youth in the US as well as developing nations, particularly in Africa and the Middle East
- Development of strategic partnerships to promote collaborative research/teaching/service projects, mutual understanding, peace building and human rights
- Acquisition of funds to support professional activities through grants and strategic partnerships (over \$10M)
- Academic program / curriculum development and management
- Utilization of advanced technologies in research and instruction
- Mentoring of faculty and graduate students to promote enhanced research and education

**Administrative Accomplishments:**

- Managed division, department, laboratory and grant/project budgets of varying sizes
- Significant experience in supervising and mentoring faculty, staff and students
- Served as Principal Investigator/Project Director on 12 state/federal/international grants

**University of Kentucky – Department of Kinesiology and Health Promotion Chair:**

- Manage a full-time faculty of 26 with nearly 1200 student majors
- Undergraduate programs in Exercise Science, Health Promotion, Health Education and Physical Education
- Masters programs in Biomechanics, Exercise Physiology, Health Promotion, Physical Education and Sport Leadership
- Doctoral programs in Biomechanics, Exercise Physiology and Educational Sciences (Phys Ed)
- Lead major curriculum changes in the undergraduate Exercise Science program
- Currently developing an undergraduate program in Sport, Recreation and Fitness Management and a masters program in Sport Management
- Currently planning major renovations of building in which department is housed to accommodate new teaching laboratories and expanded classrooms

City University of New York – Brooklyn College as Department of Kinesiology Chair:

- Rewrote the entire undergraduate curriculum for undergraduate programs (Exercise Science and Physical Education Teacher Education) that enrolls more than 450 majors.
- Revised and reorganized the graduate programs and curricula that impact more than 300 Master's students in three program areas (Exercise and Sport Science, Sport Management and Physical Education Teacher Education)
- Successfully negotiated with the College's administration to increase the number of full-time faculty by 71% by the end of academic year 2013-14.
- While revising the curriculum and raising the entry requirements for students, the Department experienced a 10% increase in enrollment during my first year as Chair
- Department experienced a 20% increase in one year in the passing rate of students taking New York state teacher certification exams as a direct result of changes I instituted.

Kennesaw State University – Wellstar College of Health and Human Services as Associate Dean for Community Outreach and Global Initiatives

- Advanced the College's immersion into globalization of the curriculum and experiences of students/faculty/staff, the focus of the overall University's Quality Enhancement Plan (QEP) for its SACS accreditation.
- Increased College's global outreach significantly by expanding its limited relationships when I arrived to numerous nations, including 14 in the Middle East and North Africa (Egypt, Morocco, Jordan, Algeria, Qatar, UAE, Oman, and others), South Africa, Kenya, Uganda, Ecuador, Mexico, Bermuda, Thailand, Korea and Iran.
- Founded and served as Director of the College's Global Center for Social Change, a very dynamic and highly engaged research and service center, numerous funded projects in the areas of nursing, health, social welfare, human rights and empowerment of the underserved were initiated.
- The WellStar College's external funding for international activities increased by 2500% during the five years I served in this position, far surpassing the rest of the University in total.
- Worked closely with faculty in the college to ensure that the curriculum in each of the programs was globalized to reflect the diversity of the Metro Atlanta area.
- Worked extensively to better connect students and faculty/staff with the countries and universities around the globe with which we were working through our funded grants and outreach programs.
- Assisted numerous faculty members in organizing dynamic study abroad courses that allowed our students to directly benefit from an international educational experience that would both broaden and deepen their knowledge and experience of diverse cultures.
- Worked extensively with the Office of Sponsored Programs, including serving on its Advisory Board, in coordinating with the pre- and post-award offices on the several federal grants received while I was employed there.
- Spent much time with the Office of Sponsored Programs staff in fostering changes to enhance the efficaciousness of the office's operations in serving faculty seeking and/or managing their external funding.
- Created the KSU Academy for Inclusive Learning. This academy was recognized by the State of Georgia as a Model Program and awarded significant funding by the Georgia Legislature. The program includes the enrollment of more than 20 young adults with intellectual and developmental disabilities as non-degree seeking audit students in typical university courses

alongside degree seeking students and includes social integration, career exploration and training resulting in a Certificate of Social Growth and Development.

Georgia State University – Department of Kinesiology and Health – Director and Associate Professor

- Founder and Program Coordinator for both the Sports Medicine and Biomechanics degree programs
- Founder and Director of the GSU Biomechanics and Ergonomics Laboratory (for nearly 20 years)
- Director of the Center for Sports Medicine, Science and Technology
- Chair of the Graduate Faculty
- Responsible for the original development of the curricula for the Masters programs in Biomechanics and Sports Medicine as well as the PhD program in Biomechanics

International Olympic Committee – Medical Commission (Represented the Atlanta Committee for the Olympic Games for a period of 9 years)

- Served as a member of the International Olympic Committee’s Medical Commission.
- Worked in and with leading medical and sports science experts from all over the globe in the Olympic movement
- Serving as Director of Research for Sports Science and Medicine during the 1996 Atlanta Centennial Summer Olympic Games
- Coordinated and supervised more than 100 international researchers conducting more than 20 research projects during the 1996 Atlanta Centennial Summer Olympic Games

Education

**Graduate**

**Doctor of Education (1985)**

University of Kentucky Lexington, KY  
Major: Biomechanics

**Master of Arts in Education (1980)**

East Carolina University Greenville, NC  
Major: Physical Education Administration

**Undergraduate**

**Bachelor of Arts (1978)**

University of North Carolina Chapel Hill, NC  
Double Major: Physical Education and Recreation Administration

Professional Experience

**2015-Present**

**Professor of Biomechanics**

**Department of Kinesiology and Health Promotion (Tenured – 2015)**

**Associate Faculty**

**UK Sports Medicine Research Institute**

**College of Health Sciences**

**Department Chair  
Department of Kinesiology and Health Promotion  
College of Education**

**University of Kentucky    Lexington, KY**

Administrative Responsibilities: Oversee daily operations of department consisting of 26 full-time faculty, 20+ part-time and adjunct faculty and 3 full-time staff members; manage department budget; oversee research and external outreach operations of department; manage procurement of equipment and supplies; develop departmental schedule of classes; manage faculty teaching loads; conduct faculty and staff evaluations; oversee curriculum development and revision; coordinate departmental business with Dean and Provost; ensure department is in compliance with all accreditation standards.

Faculty Responsibilities: Teach undergraduate and graduate biomechanics classes.

**2011-2015**

**Professor of Biomechanics and Exercise/Sport Science  
Department of Kinesiology (Tenured – 2011)**

**Department Chair  
Department of Kinesiology  
School of Natural and Behavioral Sciences**

**City University of New York – Brooklyn College    Brooklyn, NY**

Administrative Responsibilities: Oversee daily operations of department consisting of 20+ full-and part-time employees and 3 staff members; manage department budget; oversee research and external outreach operations of department; manage procurement of equipment and supplies; develop departmental schedule of classes; manage faculty teaching loads; conduct faculty and staff evaluations; oversee curriculum development and revision; coordinate departmental business with Dean and Provost; ensure department is in compliance with all accreditation standards.

Faculty Responsibilities: Teach technology, biomechanics and research classes.

**2006-2011**

**Professor of Biomechanics and Sport Science  
Department of Health, Physical Education and Sport Science (Tenured – 2006)  
Graduate Faculty (2006 – present)**

**Associate Dean for Community Partnerships and Global Initiatives  
Quality Enhancement Plan (QEP) Coordinator  
WellStar College of Health and Human Services**

**Kennesaw State University    Kennesaw, GA**

Administrative Responsibilities: Oversee the external activities of 90+ college faculty members; Coordinate and contribute to the university Quality Enhancement Plan through assessment, planning and evaluation of student learning through international programs, global perspectives and multicultural education; provide leadership to strengthen, develop and implement new global

initiatives including study abroad, project development, and international program/course development; direct the Global Center for Social Change; provide leadership in the development and management of supportive contracts/letters of agreement/letters of understanding with both local/state community and global partners; make recommendations and direct activities that will facilitate a deliberate interdisciplinary effort; participate in international research and facilitate faculty involvement in projects and research; expand external funding and grant opportunities; ensure the best use of college resources while adhering to the university and college strategic plan. Faculty Responsibilities: Teach kinesiology and biomechanics. These courses are taught with an emphasis on the linear and angular mechanics of human motion using both a qualitative and quantitative approach. Lab experiences involve biomechanical analyses of a wide variety of movement skills ranging from sports to rehabilitation to industry recorded on film and video.

**Primary Professional Responsibilities and Activities**

- Founder and Director – Global Center for Social Change
- Founder and Director – International Academy for Disability Rights
- Direct numerous outreach projects (human rights/social welfare/peace building) in the Middle East and Africa
- Chair – Dartfish USA Sport and Exercise Science Advisory Board
- Member – Roosevelt Warm Springs Institute for Rehabilitation Institutional Review Board (IRB for Human Subjects)
- Consultant/Expert Witness – Numerous law firms in the area of occupational biomechanics/musculoskeletal injury
- Senior Consultant – BlazeSport America
- Volunteer – Georgia Coalition for Physical Activity and Nutrition
- Volunteer – BlazeSports America

**1993-2006**

**Associate Professor of Biomechanics, Exercise/Sports Science and Medicine – Department of Kinesiology and Health (Tenured – 1993)  
College of Education**

**Joint Appointment – Department of Physical Therapy (since 2000)  
College of Health and Human Sciences**

**Graduate Faculty (since 1985)**

**Director, Biomechanics and Ergonomics Laboratory (until 2002)**

**Graduate Program Founder and Coordinator – Biomechanics (until 2002)**

**Graduate Program Founder and Coordinator – Sports Medicine (until 1993)**

**Georgia State University Atlanta, GA**

Responsibilities: Developed graduate curriculum (MS and PhD) for exercise science - biomechanics concentration and MS program in sports medicine. Program Coordinator for over 17 years. Teach kinesiology and biomechanics to graduate and undergraduate students in the teacher certification, exercise science, and sports medicine programs. These courses are taught with an emphasis on the linear and angular mechanics of human motion using both a qualitative and quantitative approach. Lab experiences involve biomechanical analyses of a wide variety of movement skills ranging from

sports to rehabilitation to industry recorded on film and video; Coordinate the operations and research of the Biomechanics and Ergonomics Laboratory; Coordinate, implement and instruct in the MS program in Sports Medicine and in the Ph.D. in Sports Science - Biomechanics; Serve on departmental/college/university committees; Advise undergraduate and graduate student majors; Perform and direct research with graduate students in biomechanics.

**2000-2001**

**Director (Interim), Center for Sports Medicine, Science and Technology  
Georgia State University Atlanta, GA**

Responsibilities: Directed GSU faculty in achieving the research mission set forth by the faculty and administration for the Center. Administered and managed the research efforts of GSU faculty in the areas of sport science and medicine, rehabilitation sciences and injury control and prevention. Coordinated research projects and grant writing for external funding. Conducted research into biomechanics of human performance including performance enhancement, injury control and prevention, and rehabilitation. Supervised staff and managed budget for the Center.

**1992-1996**

**Co-Chairman, Committee for Biomechanics and Physiology of Sport  
Olympic Medical Support Group**

**Atlanta Committee for the Olympic Games Atlanta, GA**

Responsibilities: Coordinated sport science research for the 1996 Atlanta Centennial Olympic Games; Member of the Olympic Medical Support Group central committee for 1996 Atlanta Centennial Olympic Games

**1992-1999**

**Liaison to the International Olympic Committee Medical Commission Sub-Commission on  
Biomechanics and Physiology of Sport**

**Atlanta Committee for the Olympic Games Atlanta, GA**

Responsibilities: Represented the Atlanta Committee for the Olympic Games at all meetings of the IOC Medical Commission; Selected and planned sport science research program for the 1996 Olympic Games

**1985-1993**

**Assistant Professor of Biomechanics, Exercise/Sports Science and Medicine – Department of  
Kinesiology and Health**

**Georgia State University Atlanta, GA**

**Primary Professional Responsibilities and Activities**

- Director, Biomechanics and Ergonomics Laboratory (until 2002)
- Graduate Program Founder and Coordinator – Biomechanics (until 2002)
- Graduate Program Founder and Coordinator – Sports Medicine (until 1993)
- Direct numerous outreach projects (human rights/social welfare/peace building) in the Middle East and Africa
- Chair – Dartfish USA Sport and Exercise Science Advisory Board
- Member – Roosevelt Warm Springs Institute for Rehabilitation Institutional Review Board (IRB for Human Subjects)

- Consultant/Expert Witness – Numerous law firms in the area of occupational biomechanics/musculoskeletal injury
- Volunteer – Georgia Coalition for Physical Activity and Nutrition
- Volunteer – BlazeSports America

**Funded Research/Scholarly/Program Grants (Total Funding to Date = \$6,948,295)**

**Johnson, BF** and Johnson, CA. *Collaborative Project for the Development of Sport and Recreation Programs for Girls, Boys and Young Adults with Disabilities in Tanzania and Kenya* – United States Department of State - Bureau of Educational and Cultural Affairs - Office of Citizen Exchanges - International Sports Programming Initiative Open Grant Program S-ECAGD-15-GR-1099- (2015-2016) (funded for \$246,328)

Johnson, CA; Cody, A and **Johnson, BF**. *Sustainable Development of Sport, Recreation and Play for Youth and Adults with Physical Disabilities in Haiti, Jordan and Russia* – United States Agency for International Development (USAID) – (2010-2012) (funded for \$750,000)

**Johnson, BF** and Johnson, CA. *Collaborative Project for the Development of Sport and Recreation Programs for Girls, Boys and Young Adults with Disabilities Haiti through a Sports Festival and Camp, Train-the-Trainer Workshop and Citizen Exchange Programs* – United States Department of State - Bureau of Educational and Cultural Affairs - Office of Citizen Exchanges - International Sports Programming Initiative Open Grant Program ECA/PE/C/WHA-EAP-11 - \$224,000 (2011-2013)

Galic, M; Johnson, CA; Cody, A and **Johnson, BF**. *Communities Putting Prevention to Work – Leveraging National Organizations: Reducing and Preventing Obesity among Youth and Adults with Physical Disability* – United States Department of Health and Human Services / Centers for Disease Control – Funding provided through American Recovery and Reinvestment Act of 2009 (2010-2012) (funded for \$1,153,000)

**Johnson, BF**. *Sport for Social Change in Iran: Connecting People and Societies through Sport, Human Rights, and Democratization Initiatives in Iran* – United States Department of State - Bureau of Democracy, Human Rights and Labor - Human Rights and Democratization Initiatives in Iran DRL-08-GR-003-IRAN-070908 - \$1,153,060 (2009-2011) (funded for \$740,347 over 2 years)

**Johnson, BF** and Johnson, CA. *Pilot Project - Developing Educational Opportunities for Students with Disabilities through the Formation of an Intercollegiate Disability Sport Program*. Georgia Legislature and University System of Georgia Board of Regents - \$1,932,700 over 5 years (2008-2013)

**Johnson, BF** and Johnson, CA. *Collaborative Project for the Development of Sport and Recreation Programs for Girls, Boys and Young Adults with Disabilities in South Africa through a Sports Festival and Camp, Train-the-Trainer Workshop, University Student Training and Citizen Exchange Programs* – United States Department of State - Bureau of Educational and Cultural Affairs - Office of Citizen Exchanges - International Sports Programming Initiative Open Grant Program ECA/PE/C/WHA-EAP-08-16 - \$192,000 (2008-2009)

**Johnson, BF** and Johnson, CA. *Values to Rights Visibility Project: Building Systems of Freedom through Disability Awareness and Advocacy for Persons with Disabilities in Iran* – United States Department of State - Bureau of Democracy, Human Rights and Labor - DRL-08-GR-011-IRAN-010208- \$400,000 (2008-2011)

**Johnson, BF** and Johnson, CA. *Inclusive Recreation, Physical Activity and Sport Programming Targeting Youth with Physical Disability in Select Georgia Communities: A Cooperative Project to Impact on Leadership Skills, Educational Opportunities and Employability* - U.S. Department of Education - Office of Special Education and Rehabilitative Services - The Rehabilitation Services Administration Service Programs - Recreational Program – CFDA #84.128J - \$391,788 (2007-2010)

**Johnson, BF** and Johnson, CA. *Collaborative Project for the Development of Sport and Recreation Programs for Girls, Boys and Young Adults with Disabilities in Egypt through a Sports Festival and Camp, Train-the-Trainer Workshop, University Student Training and Citizen Exchange Programs* – United States Department of State - Bureau of Educational and Cultural Affairs - Office of Citizen Exchanges - International Sports Programming Initiative Open Grant Program ECA/PE/C/WHA-EAP-07-26 - \$160,695 (2007-2008)

**Johnson, BF** and Johnson, CA. *Collaborative Project for the Development of Sport and Recreation Programs for Girls, Boys and Young Adults with Disabilities in Egypt* – United States Department of State - Bureau of Educational and Cultural Affairs - Office of Citizen Exchanges - International Sports Programming Initiative Open Grant Program ECA/PE/C/WHA-EAP-05-54 - \$192,086 (2005-2007)

Johnson, CA, **Johnson, BF** and Fleming, GA. *BlazeSports Clubs for Youth with Disabilities: Integrating Sport and Physical Activity into Daily Life* - United States Department of Education - \$99,200 (2005)

Johnson, CA, **Johnson, BF** and Fleming, GA. *Integrating Children with Disabilities into Health and Wellness Programs* - United States Department of Education (Subcontract with The Wheelchair Foundation) - \$49,705 (2004)

Johnson, CA, **Johnson, BF** and Fleming, GA. *Incorporating Regular Physical Activity into Daily Life for Children with Disabilities in Georgia through the BlazeSports Clubs Concept*, United States Department of Education - \$74,558 (2004)

Calloway, J and **Johnson, BF**. *Inclusionary After School Recreation Program for Minority Children with Disabilities in Metro Atlanta*. U.S. Department of Education - Office of Special Education and Rehabilitative Services - The Rehabilitation Services Administration Service Programs - Recreational Program – CFDA #84.128J - \$305,973 over 3 years (2004-2007)

**Johnson, BF** and Mushett, CA. *Collaborative Project for the Development of Sports Programs for Youth with Disabilities in Jordan, Morocco, Saudi Arabia and Turkey* – United States Department of State - Bureau of Educational and Cultural Affairs - Office of Citizen Exchanges - International Sports Programming Initiative Open Grant Program ECA/PE/C/WHA-EAP-03-49 - \$273,549 (2003-2006)

**Johnson, BF** and Mushett, CA. *Collaborative Project for the Development of Sports Programs for Youth with Disability in North Africa and the Middle East* – United States Department of State - Bureau of Educational and Cultural Affairs - Office of Citizen Exchanges - International Sports Programming Initiative Open Grant Program ECA/PE/C-02-55 - \$278,491 (2002-2003)



Tis LL, Higbie EJ, **Johnson BF**. *Effects of Orthotics on Plantar Pressure in Injured, Diseased, and High Risk Populations*. (2000). Georgia State University, Quality Improvement for Major Research Equipment -- \$17,500

**Johnson B. F.** *IOC Olympic Sports Science Research Project*. IOC Medical Commission, 1996-1998 -- \$198,000.

LeVeau, B. F. and **B. F. Johnson**. *Kinematic and Kinetic Comparisons Between an Elastic Surface Treadmill and a Conventional Hard Surface Treadmill*. GSU Research Team Grant, 1997 -- Funded \$3,200

Cummings, G. S., E. J. Higbie, **B. F. Johnson** and L. L. Tis. *Protecting Insensitive Feet*. GSU Research Team Grant - International Initiatives, 1997 B Funded \$2,000

Higbie, E. J., **B. F. Johnson**, B. F. LeVeau and L. L. Tis. *Effects of Orthotics on Plantar Pressure and Posture*. GSU Quality Improvement Program, 1996 -- Requested \$14,000 Funded \$10,000.

**Johnson, B. F.**, G. Cummings and S. Owen. *Identifying the Forces of Human Gait and Lifting Tasks and the Prevention of Musculoskeletal Injury Using a Computerized Force Measuring System*. GSU Quality Improvement Program, 1996 -- Requested \$49,950 Funded \$24,000.

**Johnson, B. F.**, B. LeVeau, L. Tis and A. Doyle. *Identifying the Coordination of Human Motion and the prevention of Musculoskeletal Injury Using a Telemetric Electromyographic Measurement System*. GSU Quality Improvement Program, 1995 -- \$42,734.

Owen, S. and **B. F. Johnson**. *Computer Visualization of Human Biomechanical Motion*. GSU Quality Improvement Program, 1995 -- \$25,866.

Higbie, E. J., B. F. LeVeau and **B. F. Johnson**. *EMED In-shoe Pressure Measurement System*. GSU Quality Improvement Program, 1995 B Requested \$47,790 Funded \$20,000.

**Johnson, B. F.** *The Establishment of a Joint Biomechanics Laboratory - Georgia State University, and the Atlanta Sports Medicine Foundation*. Matching Grant, 1994-95 -- Requested \$300,000 Funded \$57,000.

**Johnson, B. F.** *A Biomechanical Analysis of the Ground Forces During the Tennis Serve and Selected Jumps of Competitive Junior and Adult Tennis Players*. United States Tennis Association, 1990. \$1,000

**Johnson, B. F.** and S. A. Berry. *Evaluation of a Foot Ankle and Lower Leg Training / Rehabilitative Device*. The Scruncher, Fiori, Inc. 1991 -- \$700

Love, P. G., **B. F. Johnson**, J. C. Rupp and M. A. Cody. *Nutritional, Body Composition and Physiological Assessments of Elite Junior Tennis Players*. United States Tennis Association, 1991-92 -- \$6,122

**Johnson, B. F.** *A Biomechanical Assessment of the Stroke Mechanics of Professional Tennis Players*. United States Tennis Association, 1994 -- \$40,000

**Funded Instructional Technology Grants (Total to Date = \$174,190)**

**Johnson, BF.** *Computer-assisted and Video-based Instruction, Assessment and Learning* – Brooklyn College 2012 Student Technology Fee – Funded \$41,500

**Johnson, BF** and JA Doyle. *Human Movement Analysis: Computer-assisted and Video-based Instruction and Learning in Kinesiology* - GSU 2004 Student Technology Fee – Requested \$77,500 Funded \$72,500

**Johnson, B. F.** and S. G. Owen. Three-Dimensional Computerized Human Animation System. GSU Quality Improvement Program, 1999-2000. -- Requested \$16,800 Funded \$15,200

**Johnson, B. F.** Multimedia Video Editing System. GSU Quality Improvement Program, 1998. -- Requested \$31,000 Funded \$18,000

**Johnson, B. F.** and W. R. Thompson. Multimedia PC Computer System for Video Capture, Video Editing and Three-Dimensional Graphic Animations. GSU Quality Improvement Program, 1997. -- Requested \$23,450 Funded \$10,000

LeVeau, B. F., **B. F. Johnson** and L. L. Tis. *Connecting Teachers and Technology - Electromyographical Kinesiology*. GSU Course Development Program, 1997-- \$16,990

**Grant Applications**

**Johnson, BF** and Johnson, CA. *Collaborative Project for the Development of Disability Sport and Recreation Programs for Youth and Young Adults with Disabilities in the Near East and North Africa* – United States Department of State - Bureau of Educational and Cultural Affairs - Office of Citizen Exchanges - International Sports Programming Initiative Open Grant Program ECA-ECAPEC-16-025 CFDA 19.415 (Cooperative Agreement) - \$600,000 (2016-2019) – recommended for funding

**Johnson, BF** and Johnson, CA. *Collaborative Project for the Development of Disability Sport and Recreation Programs for Youth and Young Adults with Disabilities in Tanzania* – United States Department of State - Bureau of Educational and Cultural Affairs - Office of Citizen Exchanges - International Sports Programming Initiative Open Grant Program ECA/PE/C/SU-14-021 CFDA 19.415 - \$225,000 (2014-2015) – recommended for funding

**Johnson, BF** and Johnson, CA. Promoting Human Rights of Persons with Disability and Women and Girls: An Innovative Citizen-Centered Approach to Civic Education through the Culture of Sport. United States Department of State - Bureau of Democracy, Human Rights and Labor - Human Rights and Democratization Initiatives in Iran - \$853,888 (2014-2016)

**Johnson, BF** and Johnson, CA. Promoting Human Rights of Persons with Disability, Women and Girls, and Targets of repression: An Innovative Citizen-Driven Approach. United States Department of State - Bureau of Democracy, Human Rights and Labor - Human Rights and Democratization Initiatives in Iran - \$897,388 (2013-2015)

**Johnson, BF** and Johnson, CA. *Advancing Human Rights and Social Inclusion of Marginalized and Disenfranchised Persons with Disability and Women and Girls*. United States Department of State - Bureau of Democracy, Human Rights and Labor - Human Rights and Democratization Initiatives in Iran - \$799,771 (2012-2014)

**Johnson, BF** and Johnson, CA. *Collaborative Project for the Development of Disability Sport and Recreation Programs for Youth and Young Adults with Disabilities in Tanzania* – United States Department of State - Bureau of Educational and Cultural Affairs - Office of Citizen Exchanges - International Sports Programming Initiative Open Grant Program ECA/PE/C/SU-13-15- \$225,000 (2013-2014) – recommended for funding

**Johnson, BF.** *Demonstration Project: Utilizing High-Profile Academic and Disability Sport Programs to Enhance On-Campus Visibility and Awareness of Students with Disabilities Among Administrators, Faculty, Staff and Students* - US Department of Education, Office of Postsecondary Education - Demonstration Projects To Ensure Students With Disabilities Receive a Quality Higher Education Program - CFDA 84.333A - \$997,620 (2008-2011)

**Johnson, BF.** *Fostering Human Connections through Art, Culture and Sport in the Middle East and the USA for Persons with Conflict-Related Disabilities* – United States Department of State – Bureau of Near Eastern Affairs - \$525,013

**Johnson, B.F.** *Utilizing Biomechanics to Enhance Middle School Mathematics and Science Education*. IERI - National Science Foundation and US Department of Education (in development) - \$3.45M

**Johnson, BF** and Mushett, CA. *International Sports Programming Initiative to Promote Sport Development for Youth and Adults with Disabilities in Iraq, Egypt, and the Regions of Africa and the Near East* - United States Department of State - Bureau of Educational and Cultural Affairs - Office of Citizen Exchanges - International Sports Programming Initiative - Open Grant Program ECA/PE/C/WHAEP- 04- 61, 2004 – (Recommended for funding) - \$287,877

Johnson, CA, **Johnson, BF** and Fleming GA. *Collaborative Project to Incorporate Regular Physical Activity into Daily Life and Progress toward State Physical Education Standards for Students With and Without Disabilities in Rockdale County, Georgia*, - Office of Safe and Drug Free Schools, Carol M. White Physical Education Program, United States Department of Education, 2004 – (not funded) - \$422,500

**Johnson, BF** and Mushett, CA. *Values to Rights Visibility Project: Building Systems of Freedom through Disability Awareness and Advocacy for Women and Youth with Disabilities in Tanzania, Ethiopia, Nigeria, Kenya, and Cameroon* – United States Department of State - Bureau of Democracy, Human Rights and Labor - Human Rights and Democracy Fund (HRDF) - Rights and Democratization Cross-Regional Initiative in the Non-Arab Muslim World, 2003 – (Not funded) - \$747,987

**Johnson, BF** and Mushett, CA. *Collaborative Project to Promote the Full and Equal Enjoyment of Human Rights and Participation in Society by Women and Girls with Disability in the Near East, North Africa and South Asia* - United States Department of State - Bureau of Educational and Cultural Affairs - Office of Exchange Coordination and Designation - Political Leadership, Small Business Development and Disability Issues for the Near East, North Africa and South Asia - Open Grant Program ECA/PE/C/NEA-AF-04-02, 2003 – (Not funded) - \$383,495

**Johnson, B. F.** *Back Buddy: Reducing low back injuries through biofeedback: Is the BackBuddy an effective on-the-job communicator in the workplace?* Department of Health and Human Services - National Institute for Occupational Safety and Health, 2000. (Not funded) - \$1,087,483

T. Wang and **B. Johnson.** *Biomechanical modeling in wheelchair transfer.* GSU QIF Research Equipment Grant, 1998. (Not funded) -- \$47,500.

**Johnson, B. F.,** E. J. Higbie, G. S. Cumming, L. L. Tis and B. F. LeVeau. *A Biomechanical Comparison of Visually Impaired and Elderly Gait.* GSU Quality Improvement Program, 1997. (Not funded) -- \$29,095

LeVeau, B. F. and **B. F. Johnson.** *Comparison of the Kinematic and Kinetics of Gait for Individuals Using an Elastic Surface treadmill and Conventional Treadmill.* GSU Quality Improvement Program, 1997. (Not funded) -- \$20,750.

**Johnson, B. F.** *Improving Instruction in Biomechanics Through Computer and Video Equipment Enhancement,* GSU QIF Instructional Grant, 1996. (Not funded) -- \$20,300

**Johnson, B. F.** *A Turn-Key System for Producing Instructional Videotapes for the Classroom and Laboratory,* GSU QIF Instructional Grant, 1996. (Not funded) -- 25,840

**Johnson, B. F.** *Instructional Enhancement in Sports Medicine and Sports Science.* GSU Quality Improvement Program, 1996. (Not funded) -- \$20,940

**Johnson, B. F.** *A proposal to Exerciting, Inc. for product testing on three fitness oriented products,* 1993. (Not funded) -- \$7,250.

**Johnson, B. F.** and G. Moore. *A proposal to the USTA for the development of tennis fitness testing software and educational materials for use in its Player Development Program,* 1993. (Not funded) -- \$10,000.

**Johnson, B. F.** *A Proposal to Technology Park/Atlanta for the Center for Sport and Exercise to operate the wellness and recreational facilities to be constructed in the Lenox Park development in Buckhead as a "model" center for business and university collaborations in the area of wellness programming.* Technology Park/Atlanta, Inc., 1991. (Not funded) -- \$2,000,000

**Johnson, B. F.** *A Three Dimensional Biomechanical Analysis of Two Tennis Forehand Styles and the One-Handed Backhand: Racquet Swing Planes and Body Mechanics for Cross-Court and Down-the-Line Strokes.* United States Tennis Association, 1991-1992. (Not funded) -- \$9700

**Johnson, B. F.** and C. M. McCuen. *Proposal to the Atlanta Lawn Tennis Association, the Southern Tennis Association, and the Georgia Tennis Association for the construction of a comprehensive tennis facility and the development of a state-of-the-art tennis training and research program to be conducted by the GSU Center for Sport and Exercise.* Atlanta Lawn Tennis Association, 1988. (Not funded).

### **Professional Presentations**

**Johnson, BF.** *Utilization of Digital Technology in Teaching Physical Education.* World Conference on Physical Education and Sport: *Challenges and Future Directions.* July 24-28, 2014 Shanghai, Peoples Republic of China – Oral Presentation (Invited Speaker)

**Johnson, BF.** *Driving People with Physical Disabilities with Sport Science and Technology.* International Conference on Sport and Exercise Science, (December, 2010), Chiang Mai, Thailand – Oral Presentation (Invited Speaker)

**Johnson, BF.** *Technology and Sport.* Sport Authority of Thailand Coaches Workshop, (February, 2010), Bangkok, Thailand – Oral Presentation (Invited Speaker)

**Johnson, BF.** *Biomechanical Considerations in Sport: Application to Racquet Sports.* Mahidol University Student Symposium, (February, 2010), Bangkok, Thailand – Oral Presentation (Invited Speaker)

**Johnson, BF.** *Sport Science/Medicine in Disability Sport and Physical Activity,* Egyptian University Sports Federation Workshop – Helwan University (2009), Helwan, Egypt – Oral Presentation

**Johnson, BF.** *Applications of science in disability sport.* African Academy of Disability Sport, US Department of State International Sport Development Workshop (September, 2009), Pretoria, South Africa – Oral Presentation

**Johnson, BF.** *Biomechanics in disability sport.* Sport Science Workshop (Libyan Paralympic Committee and Al-Fateh University) (May, 2009), Tripoli, Libya – Oral Presentation (Invited Speaker)

**Johnson, BF.** *Provision of basic human rights for people with disabilities: educational opportunities and social services for people with disabilities.* (March, 2009), Kuwait City, Kuwait – Oral Presentation

**Johnson, BF.** *Applications of exercise physiology in disability sport.* African Academy of Disability Sport, US Department of State International Sport Development Workshop (February, 2009), Cairo, Egypt – Oral Presentation

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**Johnson, BF.** *Scientific Aspects of the Georgia Student Health and Fitness Act of 2006* (Senate Bill 474) (March 7, 2006), Georgia House of Representatives Education Committee – Oral Presentation

JT Johnson, **BF Johnson**, G Moore, L Tis, FACSM, JA Doyle, and E Higbie *The Effect of Biofeedback on Trunk Posture during the Lowering Phase of Lifting*, Southeast American College of Sports Medicine Annual Meeting (2006), Charlotte, NC – Oral Presentation

**Johnson, BF** and V. Lykomitros. *Disability Classification in Rowing*. FISA World Forum (2005), Istanbul, TURKEY – Oral Presentation

**Johnson, BF**. *Sport Development in Africa*, FISA World Forum (2005), Istanbul, TURKEY – Oral Presentation

**Johnson, BF** and Hales ME. *Sport Physics – Using Video Technology in the Classroom*. American Association of Physics Teachers National Meeting (2005), Salt Lake City, UT – Oral Presentation

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M. E. Hales, **B. F. Johnson**, Y. T. Wang, and J. T. Johnson. *Modeling three-dimensional shoulder forces and net muscle moments during manual wheelchair propulsion*. Fifth International Conference on Engineering in Sport (2004), Davis, CA – Poster Presentation

**Johnson, BF**. *Disability Sport Development: Sport Management in Disability Sport*. US Department of State International Sport Development Workshop (2004), Rabat, Morocco – Oral Presentation

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**Johnson, B. F.** *Training the Elite Athlete. (Invited Lecture)*. International Sports Medicine Association and American Aerobic Association International Regional Conference, Atlantic City, NJ, August, 1997. -- Oral Presentation.

**Johnson, B. F.** *Biomechanics Research at the 1996 Atlanta Centennial Olympic Games. (Invited Lecture)*. 1996 AAHPERD National Convention -- Oral Presentation

**Johnson, B. F.** *Biomechanics of Tennis. (Invited Lecture)* 1996 AAHPERD National Convention -- Oral Presentation

**Johnson, B. F.** *Tennis Research at the 1996 Atlanta Centennial Olympic Games. (Invited Lecture)*. 1996 USPTR International Tennis Symposium, Hilton Head, SC, September, 1996. -- Oral Presentation

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**Johnson, B. F.** *Biomechanics of Exercise (Invited Lecture)*. International Sports Medicine Association and American Aerobic Association International Regional Conference, Baltimore, MD, December, 1996. -- Oral Presentation.



**Johnson, B. F.** *Major Muscle Activity in the Basic Tennis Strokes (Invited Lecture)*. 1995 USPTR International Tennis Symposium, Hilton Head, SC, September, 1995. -- Oral Presentation

**Johnson, B. F.** *Educational Uses of Multimedia Software (Invited Demonstration)*. Third IOC World Congress on Sport Sciences, Atlanta, GA, September, 1995. -- Computer Presentation

Johnson, J. T., **B. F. Johnson**, J. A. Doyle and T. C. Oshima. *The Influence of Body Momentum and Racquet Velocity on Tennis Serve Ball Velocity*. USTA National Conference on Sports Medicine and Science in Tennis, Key Biscayne, FL, April, 1995. -- Oral Presentation.

**Johnson, B. F.** *Ground Forces During the Tennis Serve and Selected Jumps of Competitive Junior Tennis Players*. 1995 SEACSM Annual Meeting, Lexington, KY, Feb 2-4, 1995. -- Oral Presentation

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**Johnson, B. F.** *Biomechanics of the Open- and Square-Stance Forehand Ground Stroke (Invited Lecture)*. Intercollegiate Tennis Coaches Association Annual Meeting, Saddlebrook, FL, December 14, 1994, -- Oral Presentation.

**Johnson, B. F.** *Tennis Biomechanics: The Key to Player Development - Technology and Tennis Instruction (Invited Lecture)*. United States Professional Tennis Registry Annual International Meeting. Hilton Head, SC, October, 1994. -- Oral Presentation.

**Johnson, B. F.** *Tennis Biomechanics: The Key to Player Development (Invited Lecture)*. USTA Player Development National Committee Meeting, National USTA Annual Convention in conjunction with the U. S. Open, September, 1994. -- Oral Presentation.

**Johnson, B. F.**, K. D. Johnston and S. W. Winnier. *Bench Step Aerobic Ground Forces for Two Steps at Variable Bench Heights*. 1993 ACSM National Convention, Seattle, WA, June 2-5, 1993. -- Poster Presentation.

Love, P. G. and **B. F. Johnson**. *Body Composition, Energy Needs and Dietary Intake Evaluation of Junior Elite Tennis Players*. 1993 ACSM National Convention, Seattle, WA, June 2-5, 1993. -Oral Presentation.

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**Johnson, B. F.**, K. D. Johnston and S. W. Winnier. *Bench Step Kinetics - Two Steps Performed at Three Heights*. SEACSM Annual Meeting, Norfolk VA, January 28, 1993. -- Oral Presentation.

Johnson, P. L. and **B. F. Johnson**. *Nutritional Assessment of Junior Elite Tennis Players: Dietary Intake Evaluation, Resting Metabolic Estimation, and Body Composition Measurements*. SEACSM Annual Meeting, Norfolk, VA, January 29, 1993. -- Poster Presentation.

Johnston, K.D., **B. F. Johnson**, J. C. Rupp, L. J. Brandon and J. Neal. *The Effects of Exercise on Standing Balance, Pain, and Coping Resources Maintenance: A Comparison of Land and Water Exercise*. SEACSM Annual Meeting, Norfolk VA, January 29, 1993. -- Poster Presentation.

**Johnson, B. F.** *Biomechanics of Bench Step Aerobics (Invited Lecture)*. International Sports Medicine Association and American Aerobic Association International Regional Conference, Baltimore, MD, December 5, 1992. -- Oral Presentation.

**Johnson, B. F.** *Latest Research in Bench-Step Aerobics (Invited Lecture)*. International Sports Medicine Association and American Aerobic Association International Regional Conference, Stoney Brook, NY, August 15, 1992. -- Oral Presentation.

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**Johnson, B. F.**, J. C. Rupp, S. A. Berry and D. B. Rupp. *Biomechanical Considerations of Bench Step Aerobics*. 1992 NSCA National Conference, Philadelphia, PA, June 18-20, 1992. -- Poster Presentation.

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**Johnson, B. F.** *A Kinematic Analysis of the Upper Body in Baseball Batting of Intercollegiate Players.* GAHPERD Annual Conference, Jekyll Island, GA, April 11, 1991. -- Oral Communication.

**Johnson, B. F.** and S. A. Berry. *The Biomechanics of Bench Stepping.* GAHPERD Annual Conference, Jekyll Island, GA, April 11, 1991. -- Oral Communication.

**Johnson, B. F.** *Linking Theory and Practice in the Teaching of Biomechanics in the United States.* AIESP/NAPEBE World Congress Annual International Meeting, Atlanta, GA, January 7, 1991. -- Oral Communication.

**Johnson, B. F.** and C. M. McCuen. *Tennis, Sports Science and the Practitioner.* AIESP/NAPEBE World Congress Annual Meeting, Atlanta, GA January 6, 1991 -- Oral Communication.

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**Johnson, B. F.** *A Three-Dimensional Kinematic Analysis of the Total Body During an Overhand Fastball Pitch: A Case Study.* SEACSM Annual Meeting, Wake Forest University, Winston-Salem, NC, January, 1988. -- Oral Communication-

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**B. Johnson**, M. Hales, L. Tis and E. Higbie. *Biomechanics of powerlifting: a kinematic and kinetic comparison of the squat and deadlift*. **Medicine and Science in Sports and Exercise**, 31(5), May, 1999, S358.

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### Published Textbooks

**Johnson, BF (Editor), B.F. Johnson,** J. Bauer, M. Hales., J. Johnson and G. Krebs (Authors). **Dynamic Biomechanics (First Edition)**, Publiwise Publishers, 2007.

**Johnson, BF (Editor), B.F. Johnson,** J. Bauer, M. Hales., J. Johnson and G. Krebs (Authors). **Dynamic Biomechanics (Second Edition)**, Publiwise Publishers, 2014.

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### Invited Chapters

Mushett, CA, **B.F. Johnson** and K. J. Richter. *Sport for Women with Physical Disabilities* in Swedan, N., Editor. **Women’s Sports Medicine and Rehabilitation**, Aspen Press, 2001.

**Johnson, B.F.** *Sport Biomechanics* in Brown, S., Editor. **Introduction to Exercise Science, Williams and Wilkins, 2000.**

Mann, R. V., **B. F. Johnson,** J. A. Herman, J. A. Kotmel, and C. E. Schultz. *Kinematic Trends in Elite Male Sprinters.* In Terauds, J. et. al. eds. **Sports Biomechanics**, Research Center for Sports, Del Mar, CA, 1984.

### Manuals (Authored or Edited)

#### Authored:

**Johnson, BF** and Johnson, C. African Academy of Disability Sport Workshop Instructional Manual, 2002 – Egypt

**Johnson, BF.** and Johnson, C. African Academy of Disability Sport Workshop Instructional Manual, 2004 – Morocco

**Johnson, BF,** C Johnson, G Peacock and K Richter. *Sports Medicine for Athletes with Disabilities*, for BlazeSports Clubs of America, published by US Disabled Athletes Fund (2004)

#### Co-edited the following manuals (with Carol M Johnson):

*Track and Field for Athletes with Disabilities: Coaching and Instructional Guide*, for BlazeSports Clubs of America, published by US Disabled Athletes Fund (2004)

*Wheelchair Rugby: Coaching and Instructional Guide*, for BlazeSports Clubs of America, published by US Disabled Athletes Fund (2004)

### **Grant Technical Research Reports**

**Johnson, BF.** *Sport for Social Change in Iran: Connecting People and Societies through Sport, Human Rights, and Democratization Initiatives in Iran* – United States Department of State - Bureau of Democracy, Human Rights and Labor - Human Rights and Democratization Initiatives in Iran DRL-08-GR-003-IRAN-070908 - \$1,153,060 (2009-2011) (funded for \$740,347 over 2 years) (Grant Report to USDOS/DRL).

**Johnson, BF** and Johnson, CA. *Collaborative Project for the Development of Sport and Recreation Programs for Girls, Boys and Young Adults with Disabilities in South Africa through a Sports Festival and Camp, Train-the-Trainer Workshop, University Student Training and Citizen Exchange Programs* – United States Department of State - Bureau of Educational and Cultural Affairs - Office of Citizen Exchanges - International Sports Programming Initiative Open Grant Program ECA/PE/C/WHA-EAP-08-16 - \$192,000 (2008-2009) (Grant Report to USDOS/ECA).

**Johnson, BF** and Johnson, CA. *Values to Rights Visibility Project: Building Systems of Freedom through Disability Awareness and Advocacy for Persons with Disabilities in Iran* – United States Department of State - Bureau of Democracy, Human Rights and Labor - DRL-08-GR-011-IRAN-010208- \$400,000 (2008-2011) (Grant Report to USDOS/DRL).

**Johnson, BF** and Johnson, CA. *Inclusive Recreation, Physical Activity and Sport Programming Targeting Youth with Physical Disability in Select Georgia Communities: A Cooperative Project to Impact on Leadership Skills, Educational Opportunities and Employability* - U.S. Department of Education - Office of Special Education and Rehabilitative Services - The Rehabilitation Services Administration Service Programs - Recreational Program – CFDA #84.128J - \$391,788 (2007-2010) (Grant Report to USDOEd/OSERS).

**Johnson, BF** and Johnson, CA. *Collaborative Project for the Development of Sport and Recreation Programs for Girls, Boys and Young Adults with Disabilities in Egypt through a Sports Festival and Camp, Train-the-Trainer Workshop, University Student Training and Citizen Exchange Programs* – United States Department of State - Bureau of Educational and Cultural Affairs - Office of Citizen Exchanges - International Sports Programming Initiative Open Grant Program ECA/PE/C/WHA-EAP-07-26 - \$160,695 (2007-2008) (Grant Report to USDOS/ECA).

**Johnson, BF** and Johnson, CA. *Collaborative Project for the Development of Sport and Recreation Programs for Girls, Boys and Young Adults with Disabilities in Egypt* – United States Department of State - Bureau of Educational and Cultural Affairs - Office of Citizen Exchanges - International Sports Programming Initiative Open Grant Program ECA/PE/C/WHA-EAP-05-54 - \$192,086 (2005-2007) (Grant Report to USDOS/ECA).

Calloway, J and **Johnson, BF.** *Inclusionary After School Recreation Program for Minority Children with Disabilities in Metro Atlanta.* U.S. Department of Education - Office of Special Education and Rehabilitative Services - The Rehabilitation Services Administration Service Programs - Recreational Program – CFDA #84.128J - \$305,973 over 3 years (2004-2007) (Grant Report to USDOEd/OSERS).



**Johnson, BF** and Mushett, CA. *Collaborative Project for the Development of Sports Programs for Youth with Disabilities in Jordan, Morocco, Saudi Arabia and Turkey* – United States Department of State - Bureau of Educational and Cultural Affairs - Office of Citizen Exchanges - International Sports Programming Initiative Open Grant Program ECA/PE/C/WHAEP-03-49 - \$273,549 (2003-2006) (Grant Report to USDOS/ECA).

**Johnson, BF** and Mushett, CA. *Collaborative Project for the Development of Sports Programs for Youth with Disability in North Africa and the Middle East* – United States Department of State - Bureau of Educational and Cultural Affairs - Office of Citizen Exchanges - International Sports Programming Initiative Open Grant Program ECA/PE/C-02-55 - \$278,491 (2002-2003) (Grant Report to USDOS/ECA).

**Johnson, BF** and CM Johnson. *Collaborative Project for the Development of Sport Programs fr Youth with Disability in Africa and the Middle East*. United States Department of State, Bureau of Educational and Cultural Affairs, Office of Citizen Exchanges, International Sports Programming Initiative, Open Grant Program ECA/PE/C-02-55, March 2004 - \$131,331 (Grant Report to USDOS).

**Johnson, B. F.** *A Biomechanical Analysis of the Ground Forces During the Tennis Serve and Selected Jumps of Competitive Junior and Adult Tennis Players*. United States Tennis Association, 1991.

Mann, R. V., **B. F. Johnson** and others. *A biomechanical analysis of elite sprint and hurdle athletes*. Technical Report #1. Biomechanics Laboratory, United States Olympic Training Center, Colorado Springs, Colorado, 1982.

Mann, R. V., **B. F. Johnson** and others. *A biomechanical analysis of elite sprint and hurdle athletes*. Technical Report #2. Biomechanics Laboratory, United States Olympic Training Center, Colorado Springs, Colorado, 1982.

Mann, R. V., **B. F. Johnson** and others. *A biomechanical analysis of elite sprint and hurdle athletes*. Technical Report #3. Biomechanics Laboratory, United States Olympic Training Center, Colorado Springs, Colorado, 1982.

Mann, R. V., **B. F. Johnson** and others. *A biomechanical analysis of elite sprint and hurdle athletes*. Technical Report #4. Biomechanics Laboratory, United States Olympic Training Center, Colorado Springs, Colorado, 1982.

Mann, R. V., **B. F. Johnson** and others. *A biomechanical analysis of elite sprint and hurdle athletes*. Technical Report #5. Biomechanics Laboratory, United States Olympic Training Center, Colorado Springs, Colorado, 1983.

Mann, R. V., **B. F. Johnson** and others - *A biomechanical analysis of elite sprint and hurdle athletes*. Technical Report #6. Biomechanics Laboratory, United States Olympic Training Center, Colorado Springs, Colorado, 1983.

Mann, R. V., **B. F. Johnson** and others- *A biomechanical analysis of elite sprint and hurdle athletes*. Technical Report #7. Biomechanics Laboratory, United States Olympic Training Center, Colorado Springs, Colorado, 1983.

Mann, R. V., **B. F. Johnson** and others. *A biomechanical analysis of elite sprint and hurdle athletes*. Technical Report #8. Biomechanics Laboratory, United States Olympic Training Center, Colorado Springs, Colorado, 1983.

Mann, R. V., **B. F. Johnson** and others. *A biomechanical analysis of elite sprint and hurdle athletes*. Technical Report #9. Biomechanics Laboratory, United States Olympic Training Center, Colorado Springs, Colorado, 1984.

Mann, R. V., **B. F. Johnson** and others. *A biomechanical analysis of elite sprint and hurdle athletes*. Technical Report #10. Biomechanics Laboratory, United States Olympic Training Center, Colorado Springs, Colorado, 1984.

Mann, R. V., **B. F. Johnson** and others. *A biomechanical analysis of elite sprint and hurdle athletes*. Technical Report #11. Biomechanics Laboratory, United States Olympic Training Center, Colorado Springs, Colorado, 1984.

Mann, R. V., **B. F. Johnson** and others. *A biomechanical analysis of elite sprint and hurdle athletes*. Technical Report #12. Biomechanics Laboratory, United States Olympic Training Center, Colorado Springs, Colorado, 1984.

### **Miscellaneous Publications**

**Johnson, B. F.** *Golf Gone Graphic*. **Atlanta Health and Fitness**, May, 1991.

**Johnson, B. F.** *Timing is the Key for a Winning Stroke*. **ALTA Net News**, Aug, 1990.

**Johnson, B. F.** *Tennis and the Sport Sciences*. **ALTA Net News**, December 1989.

**Johnson, B. F.** *The Biomechanics of Batting*. **Youth Athlete**, I (1), 1988.

**Johnson, B. F.** *Mechanics of the Forehand Ground Stroke*. **ALTA Net News**, May, 1988.

### **Major Professor – Dissertation/Thesis Director – Dissertation/Thesis Committee**

- Weerawat Limroongruengrat (PhD Major Professor)
- Rodney Imamura (PhD Major Professor and Dissertation Advisor)
- Michael Hales (PhD Major Professor and Dissertation Advisor)
- Jeffrey Johnson (PhD Major Professor and Dissertation Advisor)
- Gary Moore (PhD Major Professor and Dissertation Advisor)
- Vince Ramsey (PhD Major Professor)
- Steve Cobb (PhD Major Professor)
- Mary Beth Elliott-Lloyd (Dissertation Committee)
- Shalah Khan (Dissertation Committee)
- Gary Granata (Dissertation Committee)
- Scott Winnier (MS Major Professor and Thesis Advisor)
- Stephanie Porter (MS Major Professor and Thesis Advisor)
- Michael Hales (MS Major Professor and Thesis Advisor)
- Jeffrey Johnson (MS Major Professor and Thesis Advisor)
- Gary Moore (MS Major Professor and Thesis Advisor)
- Vince Ramsey (MS Major Professor and Thesis Advisor)
- Kevin Grogg (MS Major Professor and Thesis Advisor)
- Janna Hill (MS Major Professor and Thesis Advisor)

- Kourtney Johnston (MS Major Professor and Thesis Advisor)
- Toni Shields (MS Major Professor and Thesis Advisor)
- Weerawat Limroongruengrat (MS Thesis Committee)
- Steve Cobb (MS Thesis Committee)
- Randy Dillon (MS Major Professor and Thesis Advisor)
- Champ Weeks (MS Major Professor and Thesis Advisor)
- Brad Hodgson (MS Thesis Committee)
- Shawn McCarthy (MS Thesis Committee)
- Marvin Trinkhaus (MS Thesis Committee)

#### **Research/Instructional Instrumentation Competencies**

- Dartfish Video Analysis Software
- High-Speed Video and 16-mm Film Recording Systems
- 3D Video Analysis Systems – Vicon/Peak Performance and Motion Analysis
- 2D Video Analysis System - Dartfish
- Film Digitizing Equipment
- Force Platform Analysis Systems (AMTI and Kistler)
- Muscular Force/Torque Assessment Isokinetic Devices
- Electromyography (EMG) - Noraxon
- PC Computers and Workstations
- Non-Linear Video Editing Systems (Avid)

#### **Committee Work**

- KSU Institute for Global Initiatives Advisory Board (2008 – present)
- KSU Sponsored Programs Advisory Council (2007 – present)
- KSU Global Learning Leadership Council (2006 – present)
- GSU College of Education Dean's Search Committee (2000 - 2001)
- GSU College of Education Tenure and Promotion Committee (98 – 2000 and 2003-2005)
- GSU College of Education Academic Affairs Committee (91 - 98) Secretary
- KH Graduate Faculty (Chair, 97 - 2001)
- KH Faculty Executive Advisory Committee to the Dean (97 - 2000)
- GSU Faculty Senate, (96 - 98)
- APACE Committee for Department of KH, Chair, (96 - 97)
- International Olympic Committee's 3<sup>rd</sup> World Congress on Sport Sciences Program Committee, (93 - 95)
- International Olympic Committee's 3<sup>rd</sup> World Congress on Sport Sciences Organizing Committee, (93 - 95)
- GSU Center for Sports Medicine and Sports Science Director Search Committee, (93)
- HPRD Sports Medicine Faculty Search Committee, Chair, (92)
- GSU Sports Medicine Advisory Subcommittee (91 - 93)
- GSU Initial Teacher Education Committee (88 - 91)
- HPRD/KH Graduate Program Advisory Committee (86 - Present)
- PhD in Sports Science Development Committee (86 - 90)
- MS in Sports Medicine Development Committee (85 - 86)
- MS in Exercise Science Review Committee (85 - Present)
- GSU College of Education Student Affairs Committee (86 - 88)

- Student Evaluation of HPRD Faculty Instrument Development Committee, Chairman (86)
- HPRD Teacher Certification Program Revision Committee (85 - Present)
- Student Affairs Committee NCATE Subcommittee, Chair, (87)
- Advisory Committee for HPRD 354/355 (86 - 90)
- GSU College of Education Faculty Committee on Doctoral Programs (87)
- GSU College of Education Admissions Appeal Committee (87 - 89)

### **Community Service**

- Lecture on Sports Science/Medicine and Biomechanics to various organizations
- International Sports Medicine Association
- American Association of Aerobics and Fitness
- Association of Christian Aerobic Professionals
- Decatur Recreation Dept. Aerobic Workshop
- Atlanta Society of Fitness Professionals
- Chattahoochee Runners Club
- Peterson Young Law Firm
- AFAA/IDEA Educational Workshops
- Georgia State University Speakers Bureau
- American College of Sports Medicine Certification Workshops
- Australian Body Works
- United States Tennis Association
- United States Professional Tennis Association
- United States Professional Tennis Registry
- Team Atlanta - 2000 -- Sports Medicine Advisory Board Alabama Tennis Association

### **Consulting**

- Legal Expert Witness in Biomechanics of Musculoskeletal Injury to Numerous Law Firms
  - AMBROZZI V. BURLINGTON NORTHERN SANTA FE RAILROAD
  - BAGLEY V. ALLIED READYMIX, INC.
  - BESS V. CSX TRANSPORTATION
  - BOYER V. NORFOLK SOUTHERN RAILROAD
  - CAREY V. NORFOLK SOUTHERN RAILWAY COMPANY
  - DAVIS V. CSX TRANSPORTATION
  - EDWARDS V. NORFOLK SOUTHERN RAILWAY
  - ENDRES V. CSX RAILROAD
  - FELDHAKA V. NORFOLK SOUTHERN RAILWAY
  - HINES V. NORFOLK SOUTHERN RAILWAY
  - JACOBSEN V. UNION PACIFIC RAIL ROAD COMPANY
  - LEFORGE V. ILLINOIS CENTRAL RAILROAD COMPANY
  - MCNAMARA V. NORFOLK SOUTHERN RAILWAY
  - PATTERSON V. NORFOLK SOUTHERN RAILWAY
  - PENCE V. CSX RAILROAD
  - PINSON V. UNION PACIFIC RAIL ROAD COMPANY
  - SMITH V. CHOI KWANG DO
  - WARE V. NORFOLK SOUTHERN
- U. S. Canoe and Kayak
- Applied Biomechanics and Ergonomics, Inc.

- Azimuth, Inc.
- Greater Atlanta Sports Medicine
- Tennis Tech Academy, Inc.
- Georgia State University Tennis Team
- USOC Elite Athlete Project, Sprinters and Hurdlers
- Korea Sports Science Institute
- University of Kentucky Womens' Gymnastics Team
- Houston Astros
- Atlanta area elite amateur tennis players
- Medical and Sports Rehabilitation Associates, Inc.
- Sports Medicine of Atlanta, Inc.
- Sportslife, Inc.
- Sports Therapy and Exercise Prescription of Atlanta
- Atlanta Orthopedics and Sports Medicine
- Atlanta Athletic Rehabilitation
- TRAC, The Running Analysis Clinic
- Aerobic Fitness Association of America
- American College of Sports Medicine Certification Workshops
- Bremen Bowdon Investment Corporation (Textiles)
- Fit for Life (Johnson & Johnson) at General Motors

#### **Professional Organizations**

- The American College of Sports Medicine (ACSM)
- Southeast Chapter of the American College of Sports Medicine (SEACSM)
- American Alliance for Health, Physical Education, Recreation and Dance (AAHPERD)
- National Strength and Conditioning Association (NSCA)

#### **Professional Services**

- Former Member, Institutional Review Board for the Protection of Human Subjects, Roosevelt Warm Springs Institute for Rehabilitation, Warm Springs, GA
- Manuscript reviewer for **Research Quarterly for Exercise and Sport**
- Manuscript reviewer for **Journal of Applied Biomechanics**
- Manuscript reviewer for **Journal of Applied Sports Science Research**
- Manuscript reviewer for **Medicine and Science in Sport and Exercise**
- Manuscript reviewer for Southeast American College of Sports Medicine in Biomechanics
- Lecturer for the Aerobic and Fitness Association of America (AFAA)
- Lecturer for the International Dance Exercise Association (IDEA)
- Lecturer for the American College of Sports Medicine Certification Workshops at Georgia State University
- Sports Medicine Advisor Board for TEAM ATLANTA 2000
- Ergonomics / occupational biomechanics consultant to local industries including General Motors, Delta Airlines and Bremen-Bowdon Investment Corporation (textiles)