

**Troy University**  
**Troy, Alabama**  
**Curriculum Vitae; April 2008**

**NAME: Dr. Gayle L. Bush**

**DEPARTMENT: Kinesiology and Health Promotion**

**RANK: Associate Professor**

**EDUCATION**

BS	Health and Physical Education	1985, Baylor University, Waco, TX Health, physical education and recreation
MS	Health and Physical Education	1986, Baylor University, Waco, TX Health and physical education Graduate Teaching Assistantship
PhD	Health Sciences	2002, Middle Tennessee State University Dissertation: <i>“Waterborne Pathogen Prevention Training; an Occupational Intervention Measuring Knowledge and Behavior Using the Stages of Change Model.”</i>

**PROFESSIONAL EXPERIENCE (Academic)**

2002 – present	Troy University, Associate Professor
2001 – 2002	Middle Tennessee State University, Graduate Teaching Fellowship; College of Education and Behavioral Sciences, 2002.
1998 – 2001	Full time faculty position (three-year contract) in the College of Education and Behavioral Sciences. Continued coursework in doctoral program.
1997 - 1998	Middle Tennessee State University, Graduate Teaching Fellowship for first year of doctoral coursework; College of Education and Behavioral Sciences.
1993 – 1997	Newsong Academy / Bethel Academy, Brentwood, TN Part-time K-8 Health and Physical Education instructor and coach.

1989 – 1992                      Westminster School, Nashville, TN  
SACS accredited school for students with learning disabilities.  
K - 8 Physical Education and Health teacher; middle school boys  
soccer coach; K – 8 cross country coach; Booster Club

Teaching:

Foundations in Education  
Testing and Statistics (using SPSS)  
Research Methods  
Epidemiology  
Health Education  
Community Health  
School Health Programs  
Health Behavior and Promotion  
Human Sexuality  
Skills and Techniques in Teaching for Elementary Students  
Skills and Techniques in Teaching for Secondary Students  
Organization and Management of the Classroom  
Health Concepts  
First Aid for Children  
Comprehensive First Aid and CPR  
Lifeguard Instructor course, including AED  
Skills and techniques in Teaching Aquatics  
Competitive Swimming

Academic Advising:

University Health Science Minor Advisor  
Summer Advisement “Impact” Sessions  
Advise undergraduates and graduate students

University / Departmental Committees, past and present:

Co-supervisor for departmental student teachers, 2002 to present  
University Methods Courses (4481) Committee, 2002 to present  
Spring Preview Day departmental representative, 2003 to present  
Collegiate 4-H Club faculty representative, 2005 to present  
Graduate Faculty Council, CHHS representative August 2006 to present  
Wright Hall Building Safety Committee, 2007 to present  
Troy University Forensics Tournament Judge, 2007 to present  
Media Relations CHHS committee, chair – 2007 to present  
Homecoming CHHS committee member – 2007 to present  
Honor Convocation Departmental Representative, 2008  
Search committee member: faculty positions in Sport Management and Athletic  
Training, 2002-2003 / pedagogy 2007 - 2008  
University NCATE Diversity Sub-Committee, 2003-2004 / 2007-2008

Disability Awareness Committee for the Helen Keller Lecture series, 2003 / 2007  
Institutional Research Review Board 2004 - 2006  
Departmental Club (KHP Club) faculty representative, 2002 - 2006  
A'OK (Troy Regional Medical Center / Troy University peer mentoring club)  
university representative, 2004 – 2005  
University Drug Abuse and Prevention Committee, 2003-04  
University Technology Committee, 2003-04  
Nick Costes Run Co-chair, 2003-2004  
Served as chair of faculty search committee, Pedagogy position, 2002-2003  
Departmental SACS committee, 2002-2003

## **ACADEMIC ACHIEVEMENT AND PROFESSIONAL DEVELOPMENT**

### Academic Achievement:

Doctoral coursework GPA 4.0

### Presentations:

Bush G. “Teaching Methodologies in Collegiate Swimming.”  
TAHPERD - Nov. 2000.

Bush G. “Bloodborne Pathogen Prevention for Athletic Trainers.”  
In-service for MTSU Athletic Training Department; August, 2000 and 2001

Bush G. “Lesson Planning in Swimming Instruction for the School Aged Child.”  
TAHPERD - Nov. 2001.

Bush G., Hall M. “How safe is your Swimming Water?” Alabama State Parks and  
Recreation Conference, January 2002.

Bush G. “Issues and Trends in Professional Preparation for Graduate Students in  
Health and Physical Education.” Presented on Nov. 19, 2002 at Middle Tennessee  
State University.

Bush G. “Applying the Behavioral Stages of Change Model in Occupational  
Research in Health, Physical Education and Sport / Fitness Management.”  
Presented at ASAPHERD on Nov. 18, 2002, in Birmingham, Alabama.

Bush G. “An Intervention Study with Aquatic Staff: Cognitive Results of the  
Research.” Presented at ASAPHERD on Nov. 18, 2002, in Birmingham,  
Alabama.

Gordon E. & Bush G. “Teen Mothers / Conceptual Fathers Project; the S.O.A.P.  
Note.” Presented to Region V Perinatal Committee in Montgomery, Alabama,  
January 22, 2003.

Bush G. "Preventing Waterborne Illnesses: A Behavioral Intervention Using Stages of Change." Presented at the American Academy of Health Behavior national scientific conference, March 19<sup>th</sup>, 2003.

Lee, J., Tatum, L., Grube, A. & Bush, G. "Tobacco Sponsorship in Sport: Sending the Wrong Message?" Presented at the national SSLASPA conference, March 6<sup>th</sup>, 2003.

Lee, J. & Bush, G. "Students' Reaction to Smokeless Tobacco Sponsorship in Involvement in Sport." Presented at the spring ASAPHERD conference, April 25<sup>th</sup>, 2003.

Gordon, E., Bush, G., Watkins, T. & Swatzell, K. "The Teen Mothers / Conceptual Fathers Project Summary" Presented to the annual Alabama Perinatal Council, Sept. 15<sup>th</sup>, 2003.

Lee, J. & Bush, G. "Service Learning: Creating Practical Learning Experiences." Presented at the National NASPE conference, Oct. 3<sup>rd</sup>, 2003.

Bush, G. "Practical Applications for Relevant Learning Experiences in Health, Physical Education and Sport / Fitness Management Testing and Measurement Courses." Presented at the ASAPHERD conference, Nov. 17<sup>th</sup>, 2003.

Hall, M. & Bush, G. "Creating Interest in University Activity Courses on Campus and in the Community." Presented at the ASAPHERD conference, Nov. 17<sup>th</sup>, 2003.

Bush, G. "Intervention Research with Aquatic Staff: Discovering Incentives for Change." Presented at the AAHPERD conference, Research Consortium, March 30<sup>th</sup>, 2004.

Bush, G. "Classroom Management that Fosters Learning." Covington County Schools in-service workshop, Sept. 7, 2004.

Hall, M., Bush, G. "How to Partner Collegiate Methods Courses with a Local K-12 School for Experiential Learning and Longitudinal Studies," presented at the ASAPHERD conference, Nov., 2004.

Bush, G., Hall, M., Johns, R., "How to Create Surveys and Analyze the Results Using SPSS, with Examples from Health and Physical Education Research" Presented at the national AAHPERD conference, Research Consortium, April, 2005.

Bush, G., Howard, C. "Practical Applications in Creating Field Experience Hours in the P-12 Environment for HPR Majors" presented at the ASAPHERD conference, Nov. 15<sup>th</sup>, 2005.

Ping, H.J., Spear, C., and Bush, G. "Sharing Your Knowledge with Colleagues through Professional Presentation and Publication" presented at the national AAHPERD conference, Research Consortium, April, 2006, Salt Lake City.

Spear, C., Ping, H.J., Bush, G, Redican, K. and Iammarino, N. "Grant Writing Basics for the Health Education Practitioner" presented as a 2-hour workshop at the national AAHPERD conference, April, 2006, Salt Lake City.

Gordon, E., Bush, G., Watkins, T. & Swatzell, K. "The Relationship between Pregnancy Rates of 10-16 Year Old Females, Age of Conceptual Fathers and Rape Convictions in Alabama from January 1997 through December 2001," presented at the Alabama Academy of Science Conference, March 17<sup>th</sup>, 2006.

Bush, G., Watkins, T., Kirby, R. & Swatzell, K. "A Comparison of 2005 YRBSS Data with a Grant Funded Research Project Regarding Pregnancy Rates in 10-16 Year Old Females, Age of Conceptual Males and Rape Convictions in Alabama from 1997-2001" presented at the ASAPHERD conference, Nov. 13<sup>th</sup>, 2006.

Bush, G. & Wommack-Johns, R "Health and Physical Education Teachers as Role Models" presented at the southeast regional SDAHPERD conference, February 15, 2007, Chattanooga.

Howard-Shaughnessy, C. & Bush, G. "Effects of Sport Stacking on Children with Disabilities," presented March 1, 2007 at the Alabama Academy of Science Annual Conference, held in Tuskegee.

Bush, G. & Howard-Shaughnessy, C. "Physical Fitness Testing Trends Compared to National Norms: A Five Year Project (2002-2006) at a Pike County School," presented March 1, 2007 at the Alabama Academy of Science Annual Conference, held in Tuskegee.

Bush, G. & Wommack-Johns, R "A Program to Improve the Fitness Levels, Perceptions, and Attitudes of Pre-Internship Teachers" proposal submitted and accepted for presentation at the national AAHPERD conference, Research Consortium, March 15, 2007, Baltimore.

Howard-Shaughnessy, C. & Bush, G. "Service Learning: Classroom Theory with Practical Experiences for Students," presented at the "To Whom Much is Given" conference in Tuscaloosa in September 2007.

Bush, G. "HIV Education: Matching Curriculum Standards to Teaching Methodologies for K-12 Teachers," accepted for presentation at the TAAHPERD national convention in Nashville, TN in November 2007.

Bush, G. & Watkins, T. "The Perinatal V Teen Mothers / Conceptual Fathers Project: A Synopsis," accepted for presentation March 1, 2008 at the Sigma Theta Tau International Honor Society of Nursing 2008 Showcase in Nursing Research Excellence, Troy Campus.

Bush, G., Watkins, T. & Shank, V. "Alabama HIV School Health Policies: Relating Content Standards to Vital Statistics," accepted for presentation and publication March 20, 2008 at the Alabama Academy of Science Annual Conference, held in Birmingham.

Bush, G., Hattaway, H., Hill, C., Dubose, A. "Asthma 101: Asthma Education Effectiveness for K-12 Teachers," accepted for presentation at the AAHPERD national convention in Ft. Worth, TX in April 9, 2008.

Johnson, B., Santa Clara Unified School District, Saratoga, CA, Hall, M., University of North Alabama, Florence, AL & Bush, G., Troy University, Troy, AL, "Brain Gym Integration and Improvement of Standardized Test Performance," accepted for presentation at the AAHPERD national convention in Ft. Worth, TX in April 10, 2008. This presentation will also be submitted for publication to the RQESS.

Bush, G. & Watkins, T. "The 2007 Progress Report for the Teen Mothers / Conceptual Fathers Project" accepted for presentation April 22, 2008 at the Alabama Board of Nursing FACES conference, Montgomery.

Bush, G., Watkins, T. & Shank, V. "School Health Policies in Sex Education: Relating Alabama Content Standards to YRBS Data." The 6<sup>th</sup> Annual Troy University Psychology Conference, April 25, 2008.

#### Publications and Submissions

Dissertation: "Preventing Recreational Water Illnesses in Chemically Treated Swimming Water: An Intervention Measuring Knowledge and Behavior Using the Stages of Change Model."

Bush G., Hall M. "Aquatic Schools for the 21<sup>st</sup> Century." *The USSA Sports Supplement*, Spring 2003.

Bush G. "Preventing Waterborne Illnesses: A Behavioral Intervention Using Stages of Change." *Research Quarterly of Exercise and Sport Supplement*, Spring 2003.

Bush G., Lee J., & Smith E. "Service Learning: Creating Practical Learning Experiences in Health and Physical Education" published in *Strategies*.

Bush G. & Lee J. "Tobacco Sponsorship in Sport: Sending the Wrong Message" submitted to the *Sports Marketing Quarterly*.

Bush, G. "Indoor Facility Trends in Campus Recreation" accepted by the *SMART Supplement*, date pending.

Gordon, E., Bush, G., Watkins, T. & Swatzell, K. "The Relationship between Pregnancy Rates of 10-16 Year Old Females, Age of Conceptual Fathers and Rape Convictions in Alabama from January 1997 through December 2001," to be published in March 2007 in the *Alabama Academy of Science Journal*.

Howard-Shaughnessy, C. & Bush, G. "Effects of Sport Stacking on Children with Disabilities," to be published in Fall 2007 in the *Alabama Academy of Science Journal*.

Bush, G. & Howard-Shaughnessy, C. "Physical Fitness Testing Trends Compared to National Norms: A Five Year Project (2002-2006) at a Pike County School," to be published in Fall 2007 in the *Alabama Academy of Science Journal*.

Johnson, B., Santa Clara Unified School District, Saratoga, CA, Hall, M., University of North Alabama, Florence, AL & Bush, G., Troy University, Troy, AL, "Brain Gym Integration and Improvement of Standardized Test Performance," accepted for presentation at the AAHPERD national convention in Ft. Worth, TX in April 2008. **This presentation has been accepted for publication in the Research Quarterly for Exercise Science Supplement, spring 2008.**

Bush, G., Watkins, T. & Shank, V. "Alabama HIV School Health Policies: Relating Content Standards to Vital Statistics," accepted for publication in the *Alabama Academy of Science Bi-annual Journal*, Fall 2008.

### Submissions

Johns-Wommack, R.R. & Bush, G. "A Program to Improve the Fitness Levels, Perceptions, and Attitudes of Future Physical Education and Wellness Teachers" submitted to *JOPERD* in August 2007, acceptance pending.

Bush G., Beach M.J., O'Hara P. & Weatherby, N. "Results of a Behavioral Intervention Study Regarding Lifeguards' Efforts to Maintain Water Quality" submitted to *The Physical Educator* August 2007. April 2008 was returned for corrections to formatting. Will re-submit.

## Working Papers

Bush G., Beach M.J., O'Hara P. & Weatherby, N. "Results of a Behavioral Intervention Study Regarding Lifeguards' Efforts to Maintain Water Quality"

Bush G., Beach M.J. "Recreational Water Quality: Occupations on the Forefront"

Bush G. "An Intervention Study with Aquatic Staff: Discovering Incentives for Change"

Bush G. "Practical Applications for Relevant Learning Experiences in Health, Physical Education and Sport / Fitness Management Statistics Courses"

## Professional Organizations / Current Certifications:

**Alabama Department of Education; listed as Troy State University's specialist for two departmental majors, Physical Education and the Health / Physical Education Collaborative**

AAHE Research Coordinating Board member, 2003 – present

AAHE Research Coordinating Board reviewer, 2003 - present

AAHPERD

NASPE

ASAHPERD

ASAHPERD Journal reviewer for health education article submissions

Troy University 4-H Club / faculty representative, 2005 – present

Phi Epsilon Kappa member, 2003 – present

American Red Cross – Lifeguard Instructor, CPR Instructor (adult, infant, child, and professional rescuer), Automated External Defibrillation (AED) Instructor, Comprehensive First Aid Instructor and Water Safety Instructor

## Grants Submitted:

AAHPERD for \$3,000 in support of the PARTNER Alabama conference sponsored by Healthy Schools / Healthy Kids submitted September 2007 for the spring of 2008. Denied; will reapply as the opportunity arises for supporting a university health conference.

CDC/ATSDR Public Health Conference Support Program; \$90,000 grant for three conferences to be held over a three year period. Submitted December 2006. Denied; will reapply.

U.S. Environmental Protection Agency (EPA) National Community-Based Lead Outreach and Training Grant Program; \$75,000 grant for one year. Submitted April 2, 2007. Denied, will reapply as opportunity arises with the Biology Dept.



## Grants Received:

Research Assistant at Middle Tennessee State University, summer of 2002.  
Supervisor, Dr. Peggy O'hara-Murdock.

Data analyst and 2<sup>nd</sup> writer on the project Teen Mothers / Conceptual Fathers  
Grant. Dr. Ely Gordon, Internal Medicine and Pediatrics, project director, 2002.

Instructional Improvement Grant received to attend the SPSS statistics workshop  
in Atlanta, Feb. 10-12, 2003.

Paper Presentation Grant received to present at the American Academy of Health  
Behavior national scientific conference, March 19, 2003.

Paper Presentation Grant received to present at the National NASPE conference,  
Oct. 3<sup>rd</sup>, 2003.

Pike County Child Advocacy Center Grant (CAC), statistics coordinator.

Paper Presentation Grant received to present at the National AAHPERD  
conference, New Orleans, April 2004.

Summer Research Grant awarded by Troy University: Evaluation of an  
Educational Manual titled "Recreational Water Illnesses: A Prevention Training  
Manual for Use with Lifeguards" in a Pretest/Intervention/Posttest Study Design"  
(protocol #2004 – Bush, G.), 2004.

Paper Presentation Grant received to present at the National AAHPERD  
conference, Chicago, April 2005.

Paper Presentation / Workshop Grant received to present at the National  
AAHPERD conference, Salt Lake City, April 2006.

Paper Presentation Grant received to present at the State ASHPERD conference,  
Birmingham, November 13, 2006.

Paper Presentation Grant received to present at the southeast regional  
SDAAHPERD conference, February 15, 2007, Chattanooga, TN.

Paper Presentation Grant received to present at the National AAHPERD  
conference, Baltimore, March 2007.

Paper Presentation Grant received to present at the Alabama Academy of Science,  
Tuskegee, March 2007.

Paper Presentation Grant received to present at the TN State AAHPERD conference, Franklin, TN, November 6, 2007.

Paper Presentation Grant received to present at the National AAHPERD conference, Ft. Worth, April 2008.

Instructional Improvement Workshops Attended:

“Statistical Analysis using SPSS.” A three-day workshop on the application of statistical procedures with SPSS technology; Feb. 10 - 12, 2003.

“Intel: Teach to the Future.” A five-day certification workshop on teaching various instructional technology applications to educators; May 12 - 16, 2003.

“Marco Polo: Internet Content for the Classroom,” May 2003

“Grant Writing Workshop,” June 2006.

Research / Creative Activities:

I am on the Network Board for Healthy Schools / Healthy Kids Program and the Steps to a Healthier Alabama Program, sponsored by Troy University and Charles Henderson Child Health Care Center, respectively. Many KHP students are working with these projects, as student interns, for observation hours or as volunteers. I plan to collaborate on papers, presentations and projects with other Troy university faculty and students that work with these grant projects. This will be my sixth year to help coordinate and implement the annual Asthma Safari (CDC initiative on asthma) on Nov. 2, 2007. Other projects include: Bodyworks (for obese children), Watch your BAC alcohol awareness, PARTNER Alabama conference, VERB scorecard, Presidents Challenge fitness testing, Adventures in Tobacco Land tobacco awareness, Asthma 101 and Open Airways (asthma education).

Data analysis consultant for the Edge / Troy Regional Medical Center AIM project grants, Steps to a Healthier Alabama Grants, and the Healthy Schools / Healthy Kids grant program.

Data analysis / measurable objectives consultant for the Child Advocacy Center of Pike County and the initial Alabama Region V Perinatal grant.

Revising a waterborne pathogen prevention training manual (G. Bush) for aquatic professionals, edited by Dr. Michael Beach of the CDC, DPD, for publication on the CDC website, pending date May, 2007.

Re-designing the methods course, 4481, to meet current requirements in teacher preparation involving technology standards and to incorporate practical experience in teaching health.

Incorporating service-learning projects into classes, such as health fairs, fitness projects in the schools, and public health initiatives such as Open Airways, Tar Wars and the Asthma Safari.

Using practical applications in teaching statistics courses, such as elementary school fitness testing and marketing surveys, to create relevant data for students.

Survey and Statistics consultant for Troy Athletics.

Created multimedia presentation on bloodborne pathogens for use in the MTSU annual review and in coordination with the Work Force Performance Center, 2001.

Coordinated the Infectious Disease segment of the MTSU Health Fair, Feb. 2001.

## **PUBLIC SERVICE**

Troy City Schools School Board, Strategic Planning Committee, 2007-2008.

Providing fitness testing for the K – 4 students at Covenant Christian School; fall and spring 2003 thru 2008.

American Heart Association; Board of Directors Member 2002-present, Pike County. Team leader for the 2003-08 Heart Walk.

American Red Cross; Board of Directors Member 2003-04, Pike County.

HPER Club coordinator, assisting in the promotion of the Nick Costes Run, March 15, 2003-04.

Collaborate in the implementation of “Healthy Schools / Healthy Kids” initiatives in local projects; 2002 to 2008.

Troy youth soccer league: asst. soccer coach, 2002-2003 and 2006

Collaborate in the implementation of “Steps to a Healthier Alabama” initiatives in local projects; 2005 to 2008.

Focus First eye-screening; a grant program in Alabama for children. In the spring of 2008, I will collaborate with Dr. Candice Howard and Dr. Amy Spurlock again to implement the “Focus First” grant program in Pike County school system for

the state of Alabama. The data we collect with the state may be used for further research, presentation and publication opportunities.

American Red Cross: Current certified instructor in CPR, First Aid and Lifeguarding – 1997 to present

YMCA: Judge statewide lifeguard competitions, 1997 - 2001

## **AWARDS RECEIVED**

The “Community Outreach Award” from the Steps to a Healthier Alabama and the Alabama Department of Public Health was granted on April 26, 2006 for service within the southeastern Alabama Communities.

The “Community Hero’s Nominee” for the Steps to a Healthier United States Hero Awards from the Alabama Department of Public Health was confirmed on in April 2007 for service within the southeastern Alabama Communities. From 14 nominees, an award will be given to the top nominee in the summer of 2007.