

I. **Name** Marla M. Graves

Rank Held Professor

Time in current rank 1.5 years

II. **Department** Department of Health, Physical Education, and Sport Science

III. **Date of first contract at ASU** 2001

Years of uninterrupted service at ASU as of 5/15/01 12 yrs Date of last promotion
2011

IV. Degrees held

Degrees:	Fields:	Institutions:	Date:
Ph.D.	Exercise Physiology	University of Mississippi	2001
M.S.	Physical Education	Arkansas State University	1997
B.S.	Physical Education	Arkansas State University	1995

Is your highest degree appropriate to your title and assignment? Yes No

V. Professional experience

August, 1999-Present	Arkansas State University Assistant Professor of Physical Education Health Promotion/Exercise Science
August, 1997-June 1999	Graduate Assistant Department of Exercise Science and Leisure Management University of Mississippi
August 1996-August 1997	Part-time Instructor Department of Health, Physical Education, Recreation, and Dance Arkansas State University

VI. Courses taught

Graduate Courses
Nueromuscular Physiology
Exercise for Special Populations
Physiology Laboratory Assessment

Undergraduate
Techniques of Physical Fitness Assessment
Techniques of Aerobic Conditioning
Exercise for Special Populations
Health Promotions
Practicum in Exercise Science
Sports Nutrition
Drug Use and Abuse
Current Issues in Health

**Scholarly publications of significant professional stature:
Referred Publications**

Graves, M.M., Glenn, A., Adams, T.M., Church, J.B., Finnicum, P.A., and Stillwell, J.L. (2011). The use of silhouettes to determine body distortion and body dissatisfaction in African American and Caucasian college-age females. International Journal of Fitness. Vol: 7 (2).

Comeau, M.J., Adams T.M. II, Church J.B, Graves, M.M., and Lawson, P.M. (2011). Prediction of Lower Extremity Lactate Levels in Exercising Muscle Utilizing Upper Extremity Sampling Sites. Journal of Exercise Physiology Online. Vol: 14 (1) pgs 1-8.

Comeau, M.J., Lawson, P.M., , Graves, M.M., Church, J.B., and Adams, T.M. II. (2011). Visualization of the passive sink phenomenon in on exercising muscle using 2 sampling sites: Consequences for assessment and training. The Journal of Strength and Conditioning. Vol: 25 (10) pgs. 2926-2930.

Graves, M.M. and Adams, T.M. II. (2009). Accuracy of self-reported height, weight, and body mass index in college students. International Journal of Fitness. Vol: 5 (1) pgs. 25-31.

Rigsbee, H., Church, B., Graves, M., Comeau, M., Adams, T., and Stillwell J. (2008). Exercise Adherence in Young, Middle-Aged, and Older Adults Journal: Arkansas AHPERD Journal. Vol: 43 Issue number: 1 pgs. 17-19

Adams, II, T. M., Graves, M., and Adams, H. (2007). Effects of a Required University Level Conceptually-Based Basic Physical Education Course on Perceived and Determined Nutritional Knowledge, International Journal of Arts and Science. Vol: 2(1), 19-21.

Graves, M.M. and T.M. Adams, II. (2006). College students' perceived risk for cardiovascular disease. International Journal of Fitness. Vol: 2 (1) pgs 43-48.

Adams, II, T. M., Graves, M., and Adams, H., (2006) The Effectiveness of a University Level Conceptually-Based Health-Related Fitness Course on Health-Related Fitness Knowledge, The Physical Educator, 63(2), 104-112.

Graves, M.M., Chitwood, L., Comeau, M.J., Hallam, J., Kinzey, S., and Frate, D. (2005). Physical activity patterns of lean and obese college-age females. Arkansas AHPERD Journal. Vol. 40, 1. pg 40-43.

Adams, H., Adams, II, T.M., Higgins, P., and Graves, M.M. (2005). Physical education courses: Their role in changing attitudes and behavior. Arkansas AHPERD Journal. Vol. 40, 1. pg 37-39.

Adams, II, T.M., Higgins, P., Adams, H., and Graves, M.M. (2004). An investigation of perceived and determined health-related fitness knowledge following completion of a required university level conceptually-based fitness course. Arkansas AHPERD Journal. Vol. 39, 1. pg 37-39.

Graves, M.M. and Wathen, D. (2002). Point/Counterpoint: Lock out joints or not? National Strength and Conditioning Journal. Vol. 24 (5), pg 13.

International Presentation:

M.M. Graves and L. Bryant. Parent's responses to BMI report cards. Children's Health and Rights. Oxford Round Table. March 13-18, 2011, Oxford, England.

National Poster Presentations:

Church, J.B. Jeffery, C., Jones, M.M. Wheeler, A.A., Adams, T.M., and Stillwell, J.L. The Influence of Crossfit on Fitness in Men and Women. Present at the National Strength and Conditioning Association National Conference. Las July 10-13, Vegas, NV.

Graves, M.M., Tchistiakova, Z., Adams, II, T.M., Comeau, M.J. Comparison of Disease Risk Categories Based on BMI and Percent Body Fat in High School Females. Presented at the American College of Sports Medicine national conference. June, 2010, Baltimore, Maryland.

Comeau, M.J., Graves, M.M., Williamson, R., Adams, T.M., Evans, G. Comparison Of Differences in Heart Rate Obtained During Graded Exercise Testing and Actual Fire Fighting Activities. Presented at the American College of Sports Medicine national conference. June, 2010, Baltimore, Maryland.

Graves, M.M., Comeau, M.J., and Adams, II, T.M. Comparison of RPE Values From A Maximal Graded Exercise Test Between Firefighters and Non-Firefighters. Presented at the American College of Sports Medicine national conference. May, 2009, Seattle, Washington

Comeau, M.J., Williamson, M., Graves, M.M. Fire Fighters Under Report RPE During Maximal Treadmill Testing. Presented at the American College of Sports Medicine national conference. May, 2009, Seattle, Washington.

Graves, M.M., & Comeau, M.J. Fire Fighters' Health-Related Fitness Scores
American College of Sports Medicine National Conference. June, 2008, Indianapolis, IN

Lawson, P., Comeau, M., Adams, II, T.M., B. Church, and Graves, M.M. Differences in Plasma Blood Lactate Levels Collected from Two Different Sample Sites. Presented at the American College of Sports Medicine national conference, June, 2005, Nashville, TN.

Graves, M.M. and Adams, II, T.M. Perceived risk for cardiovascular disease and BMI. Presented at the American College of Sports Medicine national conference, June, 2005, Nashville, TN.

Glenn, A., Graves, M.M., Adams, II, T.M, Church, J.B., and Finnicum, P.A. Body distortion and body dissatisfaction in black and white college age females. Presented at the American College of Sports Medicine national conference, June, 2005, Nashville, TN.

Coats, A. M., Kerperien, V. A., Comeau, M. J., Adams, II, T. M., and Graves, M.M., The effects of cold water immersion and exercise on mood states. Submitted to the National Athletic Trainers Association

Graves, M.M., Adams, II, T.M., and Brown, L.E., FACSM. Differences in disease risk stratification based on BMI versus percent body fat values. Presented at the American College of Sports Medicine national conference. June, 2004, Indianapolis, IN.

Adams, II, T.M., Graves, M.M., and Brown, L.E., FACSM (2004). Reported versus actual height, weight, and BMI measures. Presented at the American College of Sports Medicine national conference. June, 2004, Indianapolis, IN.

Graves, M.M., Chitwood, L., Comeau, M.J., Frate, D., Hallam, J., and Kinzey, S. (2002). The effects of race and body composition on college-age females. Presented at the American College of Sports Medicine national conference. June, 2002, St. Louis, MO.

Adams, II, T.M., Brown, L.E., Comeau, M.J., Graves, M.M., and Sjostrom T.L., Total-Body Skeletal Muscle. Reliability of anthropometric prediction on college age, white males. Presented at the American College of Sports Medicine national conference. June, 2002, St. Louis, MO.

Byrd, T. Comeau, M.J., Brown, L.E., Greenwood, L., and Graves M.M. The effects of two different stretching forces on viscoelastic properties of the hamstring muscle group. Presented at the American College of Sports Medicine national conference. June, 2002, St. Louis, MO.

Comeau, M.J., Brown, L.E. Graves, M.M., Sjostrom, T., and Greenwood, M.. The relationship between lactate and indirect measures of muscle fiber type: A pilot study. Presented at the national American College of Sports Medicine conference. June, 2002, St. Louis, MO.

Sjostrom, T.L., Brown, L.E., Comeau, M.J., Graves, M.M., Greenwood, M., and Findley, B.W. Within limb relationships between torque and velocity. Presented at the American College of Sports Medicine national conference. June, 2002, St. Louis, MO.

Brown, L.E., Sjostrom, T.L., Comeau, M.J., Graves, M.M., and Greenwood, M. Inter-limb relationships between torque and velocity across asymmetric effectors in females. Presented at the American College of Sports Medicine national conference. June, 2002, St. Louis, MO.

Regional Presentations:

Adams, T. M. II, Higgins, P., Adams H., and Graves M. Effects of a required university level conceptually-based physical education course on perceived and determined nutritional knowledge. Southern District of American Alliance for Health, Physical Education, Recreation, and Dance conference. March, 2005, Little Rock, AR.

Baine B.A., Farris J. W., Dean, B., Marla Graves, Stahura, K. Adams, II, T.M. and Stillwell, J., Body mass index and fitness of elementary and middle school age children. Southern District of American Alliance for Health, Physical Education, Recreation, and Dance conference. March, 2005, Little Rock, AR.

State/Local Presentations:

Adams, II, T., Adams, H., Graves, M., Douglas, M., O'Neal, E., and May, A. Effects of a Required University Level Conceptually-Based Basic Physical Education Course on College Student Dietary Behavior. Arkansas Association for Health, Physical Education, Recreation, and Dance. November 2006, Hot Springs, AR

May, A., Adams, II, T., and Graves, M. Photographic Investigation of Male Girth Preferences Among College-Age Males and Females. Arkansas Association for Health, Physical Education, Recreation, and Dance. November 2006, Hot Springs, AR

Halk, L., Graves, M., Adams, II, T., Stillwell, J., and Church, B. Effects of a Daily Walking Program on 8-10 Year Old Children. Arkansas Association for Health, Physical Education, Recreation, and Dance. November 2006, Hot Springs, AR

Graves, M.M, Adams, II, T.M., May, A., and Douglas M. The relationship between self-reported data and pedometer assessment in college students, Arkansas Association for Health, Physical Education, Recreation and Dance convention. November, 2005, Eureka Springs, AR.

Adams, II, T. M., Graves, M.M., May, A., and Douglas, M. The effects of a basic education physical conditioning course on student activity patterns as determined by pedometer. Arkansas Association for Health, Physical Education, Recreation and Dance convention. November, 2005, Eureka Springs, AR.

Adams, II, T. M., Graves, M.M., May, A., and Douglas, M. The effects of a basic education physical conditioning course on student activity patterns as determined by a 3-day physical activity log. Arkansas Association for Health, Physical Education, Recreation and Dance convention. November, 2005, Eureka Springs, AR.

Graves, M.,M. The Physiological Effects of Aging. Mid-South Health Systems. Power-point presentation presented to professionals in the fields of psychology, counseling, and health. 2003, Jonesboro, AR.

Graves, M.M. Field techniques for assessing body composition in children. Presented at Arkansas Association for Health, Physical Education, Recreation, and Dance convention. November, 2003, Eureka Springs, AR.

Graves, M.M. The effects of race and body composition on college-age females. Presented at Arkansas Association for Health, Physical Education, Recreation, and Dance convention. November, 2001, Eureka Springs, AR.

Graves, M.M. The effects of secondhand smoke on children. Presented at Arkansas Alliance for Health, Physical Education, Recreation, and Dance. November, 2001, Eureka Springs, AR.

External Grants

Brown, LE, Comeau, MJ, Graves, M. (2001). Numico, Inc, Boca Raton, FL. The effects of supplementation with a meal-replacement powder (MetRx) on body composition and exercise performance in resistance-trained men. \$31,493.00.

Internal Grants

Marla Graves

Title of project: **Effects of playing interactive video games on health in the elderly**

Name of grantor: **ASU**

Total dollar value of grant (if multiyear):

Dates of project funding: **Spring 2009**

Current fiscal year dollar amount: **\$1200**

Title of Project: Fire Fighter Fitness Testing

PI/Co-PI(s) (last name(s), initials): Graves, M.M. and Comeau, M.J.

Name of Grantor: City of Jonesboro

Total Dollar Value of Grant (if multiyear):

Current Fiscal Year Dollar Amount: \$12,000 for 2007