**ACADEMIC VITAE**

**STEPHEN F. CROUSE, Ph.D., FACSM**

**Office Addresses Date**

Department of Health & Kinesiology January 2010

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***EDUCATION***

The United States Air Force Academy, Colorado Springs, Colorado: Resigned, 1970

Drake University, Des Moines, Iowa: B.S.E., Biology, 1975

The University of New Mexico, Albuquerque, New Mexico: Ph.D., Exercise Physiology, 1984

University of Wisconsin – La Crosse, La Crosse, Wisconsin: Post-Doc, Clinical Exercise Physiology, 1984

***CERTIFICATION***

Preventive/Rehabilitative Program Director, The American College of Sports Medicine, Certification Number 177

***EXPERIENCE***

1998- Present **Professor**, Health and Kinesiology, Texas A&M University, College Station, Texas

**Member**, Faculty of Nutrition, Texas A&M University

2005- Present **Joint Professor of Internal Medicine**, Texas A&M University System Health Science Center

1986- Present **Director**, Applied Exercise Science Laboratory, Texas A&M University

**Director**, Fit*Life* Exercise Program, Texas A&M University

2008- Present **Director,** Huffines Institute for Sports Medicine and Human Performance, Texas A&M University

2003- 2008 **Associate Department Head for Kinesiology**, Texas A&M University

**Interim Director**, Huffines Institute for Sports Medicine and Human Performance, Texas A&M University

1984- 2003 **Chair**, Applied Exercise Physiology Undergraduate Program, Texas A&M University

2002- 2003 **Associate Dean for Graduate Studies**, College of Education, Texas A&M University

2001- 2002 **Associate Department Head**, Health and Kinesiology Graduate Programs, Texas A&M University

1995- 2002 **Chair**, Health & Kinesiology Graduate Programs, Texas A&M University

1990- 1997 **Associate Professor**, Health and Kinesiology, Texas A&M University

1984-1989 **Assistant Professor**, Health and Kinesiology, Texas A&M University

1983-1984 **Post-Doctoral Fellow**, The LaCrosse Exercise Program, The University of Wisconsin at LaCrosse and Gundersen Clinic, Ltd., LaCrosse, Wisconsin

1983 **Instructor**, Health and Physical Education, The University of New Mexico, Albuquerque, New Mexico

1979-1982 **Graduate Teaching Assistant**, Health and Physical Education, The University of New Mexico, Albuquerque, New Mexico

1977-1979 **Biology and Physical Education Teacher**, East Grand Community Schools, Granby, Colorado

1975-1977 **Biology and Physical Education Teacher**, Reinbeck Community Schools, Reinbeck, Iowa

***PROFESSIONAL MEMBERSHIPS AND RESPONSIBILITIES***

American College of Sports Medicine, Fellow

American Heart Association, Board of Directors, Brazos County Division, 1990-1992

American Physiological Society, Member

Association for Worksite Health Promotion (formally AFB), 1988-2000

Fellow, 1998-2000

Education Committee, Member, September 1990-1991

Research Track/Student Chair, Conference Committee, 1990-1991

Vice-President for Education, 1991-1992

Research Committee, 1992-1999

Nomination Committee, 1993

Research Track Chair, Conference Committee, 1992-1993

Research Subcommittee, Education Committee, 1994-1999

Region VI Association for Worksite Health Promotion, Education Director, Board of Directors, 1988-1991

Texas Chapter American College of Sports Medicine, Continuing Education Director, 1989-1991

***COMMITTEE MEMBERSHIPS***

Texas A&M University

Texas A&M University Graduate Council, Graduate Faculty Representative, 1998-2003

College of Education and Human Development, Graduate Instruction Committee, 1995-2002; Chair, 2001-2002

Department of Health and Kinesiology, Committee on Applied Exercise Physiology, Chair, 1984-2003

Graduate Faculty, Member, 1984-present

Texas A&M University Interdisciplinary Research Initiatives Proposal Review Committee, 1997

Texas A&M University Health Promotion Advisory Committee, Member, 1991-1994

Department of Health and Kinesiology Read Scholarship Committee, Member, 1987-1989, Chair, 1990-1991

Department of Health and Kinesiology Tenure and Promotion Committee, Chair, 2007

Department of Health and Kinesiology Finance Advisory Committee, Member, 2007

College Education and Human Development, CDLR Review Committee, Member 2006-present

National Coalition for Promoting Physical Activity

Program Committee, Member, 1998

***INSTRUCTIONAL RESPONSIBILITIES***

List of Courses Taught

Undergraduate

KINE 402 Pre-Internship Field Experience

KINE 433 Physiology of Exercise

KINE 439 Exercise Evaluation and Prescription

KINE 483 Practicum in Kinesiology

KINE 484 Professional Internship

Graduate

KINE 639 Exercise Electrocardiography

KINE 648 Instrumentation and Techniques in Exercise Physiology

KINE 682 Seminar in Lipids and Exercise

KINE 683 Practicum in Kinesiology

KINE 684 Professional Internship

KINE 685 Directed Studies

KINE 691 Research

MEID 901 Leadership in Medicine-Preventive Medicine Track, College of Medicine.

Teach: “Standards and Practice for Exercise Testing in Health and Disease”

MPHY 606 Cardiac and Integrative Cardiovascular Physiology, College of Medicine. Teach: “Exercise Electrocardiography and Stress Testing”

SBTM 612 Experimental Techniques in Molecular, Cell, and Systems Biology II, College of Medicine.

Teach: “Diagnostic Graded Exercise Testing in Clinical Practice”

Instructional Responsibilities, Continued

Graduate Advising

Thesis Committee Chaired: 4

Deborah Schiller *The Effects of Three Different Frequencies of Low Intensity Walking on Exercise Adherence in a Sedentary Female Workforce*

Roger Bounds *The Influence of Diet on the Lipid Response to Acute Exercise*

Mandy Clark *Diet Composition and Performance of Female Collegiate Soccer Players*

Glenda Crawford *Effect of Carbohydrate and Carbohydrate-Protein Supplementation on Power Performance in Collegiate Football Players Performing a Simulated Game Task*

Non-Thesis Committees Chaired: more than 90

Dissertation and Record of Study Committees Chaired: 5

Nico Pronk *The Effects of Menopausal Status and Exercise Intensity on Short-Term Changes in Plasma Lipids and Lipoproteins*

John Green *An Analysis of Left Ventricular Structure and Function in Post-Menopausal Women Classified According to Exercise Training and Hormone Replacement Status*

Peter Grandjean *The Effect of a Single Session of Exercise on the Lipid Profile and Indices of Reverse Cholesterol Transport in Hypercholesterolemic Men*

Shelly Weise *The Short-Term Influence of a Single Session of Aerobic Exercise on Plasma Lipids and Lipoprotein in Postmenopausal Women with High or Normal Cholesterol Levels*

Steven Martin *The Effect of Resistance, Endurance, and Combination Exercise on Lipid Metabolism and Non-Traditional Cardiovascular Disease Risk Markers in Previously Untrained Men*

***EDITORIAL BOARD MEMBERSHIPS***

Medicine and Science in Sports and Exercise. Editorial Board Member, July 1, 2005 – present.

Journal of Strength and Conditioning Research. Editorial Board Member, 2007 – present.

***PUBLICATIONS***

**Books and Videotapes**

Coast, J.R., Crouse, S.F., & Jessup, G. (1994). Exercise Physiology Videolabs Manual. Dubuque: Wm. C. Brown Communications, Inc.

Coast, J.R., Crouse, S.F., & Jessup, G. (1994). Exercise Physiology Videolabs. Dubuque: Wm. C. Brown Communications, Inc.

**Chapters in Edited Books and Monographs**

Crouse, S.F. (2005) Acute changes in lipids and lipoprotein-lipids induced by exercise. In Moffatt, R.J. & Stamford, B. (Eds.), Lipid Metabolism and Health, Boca Raton: Taylor & Francis Group, CRC Press.

Grandjean, P.W. & Crouse, S.F. (2004) Lipid and lipoprotein disorders. In LeMura, L.M. & von Duvillard, S.P. (Eds.), Clinical Exercise Physiology: Application and Physiological Principles, Philadelphia:Lippincott, Williams & Wilkins.

Durstine, J.L., Crouse, S.F. & Moffatt, R.J. (1999) Lipids in exercise and sports. In Driskell, J.A. & Wolinsky, I.(Eds.), Energy-Yielding Macronutrients and Energy Metabolism in Sports Nutrition, Boca Raton:CRC Press LLC.

Meyers, M.C., Sterling, J.C. & Crouse, S.F. (1992). Athletic heart syndrome in collegiate baseball players. In Simpson, W.K., LeUnes, A. & Picou, J.S. (Eds.) Applied Research in Coaching and Athletics Annual (pp. 92-104) Boston: American Press.

Publications, Continued

Hooper, P.L. & Crouse, S.F. (1988). Exercise and high-density lipoprotein: A mechanism for coronary artery disease risk reduction. In Appenzeller, O. (Ed.), Sports Medicine - Fitness, Training, Injuries (3rd ed.) (pp. 221-238) Munich: Urban and Schwarzenberg.

Moritani, T., Crouse, S.F., Shea, C.H. & Sugimoto, H. (1987). Applications of fast fourier transform (FFT) in noninvasive measurements of physiological parameters in humans. In Shea, C.S. & Dowell, L.J. (Eds.), Human Performance Monograph (pp. 85-95), College Station: Texas A&M University.

**Refereed Journal Articles Published**

Berent, R., von Duvillard, S.P., Crouse, S.F., Auer, J., Green, J.S., Sinzinger, H., & Schmid, P. (2009) Short-term residential cardiac rehabilitation reduces B-type natriuretic peptide. European Journal of Cardiovascular Prevention and Rehabilitation, 16(5), 603-608.

Crouse, S.F., Meade, T., Hansen, B.E., Green J.S. & Martin, S.E. (2009) Electrocardiograms of collegiate football athletes. Clinical Cardiology, 32(1), 37-42.

Greene, N.P., Lambert, B.S., Greene, E.S., Carbuhn, A.F., Green, J.S. & Crouse, S.F. (2009) Comparative efficacy of water and land treadmill training for overweight or obese adults. Medicine & Science in Sports & Exercise, 41(9), 1808-1815.

Berent, R., Auer, J., Lassnig, E. von Duvillard, S.P., Crouse, S.F. & Bernd, E. (2009) Whipple’s Disease: Misinterpreted as sarcoidosis with further tricuspid valve endocarditis and pulmonary embolism – a case report. British Medical Journal-Case Reports [doi:10.1136/bcr.07.2008.0441].

Carbuhn, A.F., Womack, J.W., Green, J.S., Morgan, K., Miller, G.S. & Crouse, S.F. (2008) Performance and blood pressure characteristics of first year NCAA division I football players. Journal of Strength and Conditioning Research, 22(4), 1347-1354.

Kaiser, G.E., Womack, J.W., Green, J.S., Pollard, B., Miller, G.S. & Crouse, S.F. (2008) Morphological profiles for first year NCAA division I football players. Journal of Strength and Conditioning Research, 22(1), 243-249

Miller, G., Dougherty, P.J., Green, J.S. & Crouse, S.F. (2007) Comparison of cardiorespiratory responses of moderately trained men and women using two different treadmill protocols. Journal of Strength and Conditioning Research, 22(4), 1067-1071.

Berent, R., Crouse, S.F., von Duvillard, S.P., Auer, J., Green, J.S., Sinzinger, H., Steinbrenner, D., Pokan, R. & Schmid, P. (2007) Einfluss der stationaren kardiovasdularen rehabilitation auf das N-terminal pro natriuretische peptid B (NT-proBNP) und die leistungsfahigkeit bei 193 kardialen patienten. Osterreichisches Journal fur Sportmedizin 37(2/3), 63-72.

Green, J.S., Peterson, R., Womack, W., Hill, K., Schmitz, R., Brekken, K., Kimbrough, S. & Crouse, S. (2007) Perceived versus actual heart disease risk in college health and kinesiology students. Canadian Journal of Kinesiology, 1(2), 14-17.

Miller, T.A., Thierry-Aguilera, R., Congleton, J.J., Amendola, A.A., Clark, M.J., Crouse, S.F., Martin, S.E. & Jenkins, O.C. (2007) Seasonal changes in VO2max among division 1A collegiate women soccer players. Journal of Strength and Conditioning Research, 21(1), 48-51.

Weise, S.D., Grandjean, P.W., Rohack, J.J., Womack, J.W. & Crouse, S.F. (2005) Acute changes in blood lipids and enzymes in postmenopausal women after exercise. Journal of Applied Physiology, 99 (2), 609-615.

Glowacki, S.P., Martin, S.E., Maurer, A., Baek, W., Green, J.S. & Crouse, S.F. (2004) Effects of resistance, endurance, and concurrent exercise on training outcomes in men. Medicine and Science in Sports and Exercise, 36(12), 2119-2127.

Publications, Continued

Clark, M., Reed, D.B., Crouse, S.F. & Armstrong, R.B. (2003) Pre- and post-season dietary intake, body composition, and performance indices of NCAA division I female soccer players. International Journal of Sport Nutrition and Exercise Metabolism, 13, 303-319.

Lawler, J.M., Hu, Z., Green, J.S., Crouse, S.F., Grandjean, P.W. & Bounds, R.G. (2002) Combination of estrogen replacement and exercise protects against HDL oxidation in post-menopausal women. International Journal of Sports Medicine, 23, 477-483.

Thompson, P.D., Crouse, S.F., Goodpaster, B., Kelley, D., Moyna, N. & Pescatello, L. (2001) The acute versus the chronic response to exercise. Medicine and Science in Sports and Exercise, 33(6)(Suppl.), S438-S445.

Green, J.S., Grandjean, P.W., Weise, S., Crouse, S.F. & Rohack, J.J. (2001). The influence of exercise and estrogen replacement on primary lipid coronary risk markers in postmenopausal women. Journal of Aging and Physical Activity, 9, 115-127.

Womack, J.W., Green, J.S. & Crouse, S.F. (2000) Cardiovascular risk markers in fire fighters: A longitudinal study. Cardiovascular Reviews & Reports, 21, 544-548.

Grandjean, P.W., Crouse, S.F., O’Brien, B.C. & Rohack, J.J. (2000) Influence of cholesterol status on blood lipid and lipoprotein enzyme responses to aerobic exercise. Journal of Applied Physiology, 89, 472-480.

Bounds, R.G., Martin, S.M., Crouse, S.F., O’Brien, B.C., Grandjean, P.W. & Inman, C. (2000) Diet and short term plasma lipoprotein-lipid changes after exercise in trained men. International Journal of Sports Nutrition, 10, 114-127.

Wagner, M., McBride, R. & Crouse, S.F. (1999) Effects of weight training on aggression variables in adult male inmates. The Prison Journal, 79(1), 72-89.

Grandjean, P.W., Crouse, S.F., O’Brien, B.C., Rohack, J.J. & Brown, J.A. (1998) The effects of menopausal status and exercise training on serum lipids and the activities of intravascular enzymes related to lipid transport. Metabolism, 47(4), 377-383.

Green, J.S., Crouse, S.F. & Rohack, J.J. (1998) Peak exercise hemodynamics in exercising postmenopausal women taking versus not taking supplemental estrogen. Medicine and Science in Sports and Exercise, 30(1), 158-164.

Crouse, S.F., O’Brien, B.C., Grandjean, P.W., Lowe, R.C., Rohack, J.J. & Green, J.S. (1997) Effects of training and a single session of exercise on lipids and apolipoproteins in hypercholesterolemic men. Journal of Applied Physiology, 83(6), 2019-2028.

Crouse, S.F., O’Brien, B.C., Grandjean, P.W., Lowe, R.C., Rohack, J.J., Green, J.S. & Tolson, H. (1997) Training intensity, blood lipids, and apolipoproteins in men with high cholesterol. Journal of Applied Physiology, 82(1), 270-277.

Cruzado, I.D., Song, S., Crouse, S.F., O’Brien, B.C. & Macfarlane, R.D. (1996) Characterization and quantitation of the apoproteins of high-density lipoprotein by capillary electrophoresis. Analytical Biochemistry, 243, 100-109.

Grandjean, P.W., Oden, G.L., Crouse, S.F., Brown, J.A. & Green, J.S. (1996) Lipid and lipoprotein changes in women following six months of exercise training in a worksite fitness program. The Journal of Sports Medicine and Physical Fitness, 36, 54-59.

Crouse, S.F., O'Brien, B.C., Rohack, J.J., Lowe, R.C., Green, J.S., Tolson, H. & Reed, J.L. (1995) Changes in serum lipids and apolipoproteins after exercise in men with high cholesterol: influence of intensity. Journal of Applied Physiology, 79(1), 279-286.

Pronk, N.P., Crouse, S.F., O'Brien, B.C. & Rohack, J.J. ( 1995) Acute effects of walking on serum lipids and lipoproteins in women. The Journal of Sports Medicine and Physical Fitness, 35, 50-58.

Publications, Continued

Green, J.S. & Crouse, S.F. (1995) The effects of endurance training on functional capacity in the elderly: A meta analysis. Medicine & Science in Sports and Exercise, 27(6), 920-926.

Pronk, N.P., Crouse, S.F. & Rohack, J.J. (1995). Maximal exercise and acute mood response in women.

Physiology & Behavior, 57(1), 1-4.

Willoughby, D.S., Green, J.S., Sebesta, T. & Crouse, S.F. (1994) A comparison of cardiac function in strength and endurance trained athletes with left ventricular hypertrophy. Journal of Human Movement Studies, 25(25), 217-235.

Pronk, N.P., Jawad, A.F., Crouse, S.F. & Rohack, J.J. (1994) Acute effects of walking on mood profiles in women: Preliminary findings in postmenopausal women. Medicine, Exercise, Nutrition and Health, 3(3), 148-155.

Green, J.S. & Crouse, S.F. (1993) Endurance training, cardiovascular function and the aged. Sports Medicine, 16(5), 331-341.

Green, J.S. & Crouse, S.F. (1993) Aging, cardiovascular function, and endurance exercise: An analytical review. Medicine, Exercise, Nutrition, and Health, 2(6), 299-309.

Jacobsen, D.J., Crouse, S.F., Rohack, J.J., Lowe, R.C. & Pronk, N.P. (1993) Hematological status of female basketball players. Clinical Journal of Sports Medicine, 3(2), 82-85.

Crouse, S.F., Rohack, J.J. & Jacobsen, D.J. (1992) Cardiac structure and function in women basketball athletes: Seasonal variation and comparisons with nonathletic controls. Research Quarterly for Exercise and Sport, 63(4), 393-401.

Green, J.S. & Crouse, S.F. (1991) The effects of mandatory exercise training on the physical fitness and ischemic heart disease risk factors of fire fighters. International Archives of Occupational and Environmental Health, 63, 51-55.

Crouse, S.F., Lessard, C.S., Rhodes, J. & Lowe, R.C. (1990) Oxygen consumption and cardiac response of shortleg and longleg prosthetic ambulation in a bilateral above-knee amputee: Comparison with able-bodied men. Archives of Physical Medicine and Rehabilitation, 71(5), 223-227.

Crouse, S.F., Sterling, J.C., Tolson, H. & Hasson, S. (1989) The effect of beta-adrenergic blockade on heart rate recovery from exercise. Journal of Cardiopulmonary Rehabilitation, 9(5), 202-206.

Meyers, M.C., Potter, G.D., Evans, J.W., Greene, L.W. & Crouse, S.F. (1989) Physiologic and metabolic response of exercising horses to added dietary fat. Journal of Equine Veterinary Science, 9(4), 218-223.

Oden, G.L., Crouse, S.F. & Reynolds, C.J. (1989) Worker productivity, job satisfaction and work related stress: The influence of an employee fitness program. Fitness in Business, 3(6), 198-204.

Felts, M., Crouse, S.F. & Brunetz, M. (1988) Influence of aerobic fitness on ratings of perceived exertion during light to moderate exercise. Perceptual and Motor Skills, 67, 671-676.

Fang, C.L., Sherman, W.M., Crouse, S.F. & Tolson, H. (1988) Exercise modality and selected coronary risk factors: A multivariate approach. Medicine and Science in Sports and Exercise, 20, 455-462.

Gabbard, C.P. & Crouse, S.F. (1988) Children and exercise: Myths and facts. The Physical Educator, 45, 39-43.

Moritani, T., Crouse, S.F., Shea, C.H., Davidson, N. & Nakamura, E. (1987) Arterial pulse wave velocity, fourier pulsatility index and blood lipid profiles. Medicine and Science in Sports and Exercise, 19, 404-409.

Crouse, S.F., Hooper, P.L., Atterbom, H.A. & Papenfuss, R.L. (1984) Zinc ingestion and lipoprotein values in sedentary and endurance-trained men. Journal of the American Medical Association, 252, 785-787.

**Refereed Abstracts (including site of presentation)**

Lambert, B.S., Martin, S.E., Green, J.S., Carbuhn, A.F. & Crouse, S.F. (2009) Prediction of the total energy cost of an acute bout of resistance exercise in young men and women. (Abstract) Medicine and Science in Sports and Exercise, 41(5),(Suppl.), S295. (American College of Sports Medicine, Seattle, WA, June 2009)

Green, J.S., Berent, R., vonDuvillard, S.P., Schmid, P.B. & Crouse, S.F. (2009) Exercise recovery hemodynamics in overweight vs. obese patients diagnosed with coronary disease. (Abstract) Medicine and Science in Sports and Exercise, 41(5),(Suppl.), S385. (American College of Sports Medicine, Seattle, WA, June 2009)

Markos, J., Fernandez, T.E., Bragg, A.F., Green, J.S. & Crouse, S.F. (2009) Sport specificity and training influence bone and body composition in women collegiate athletes. (Abstract) Medicine and Science in Sports and Exercise, 41(5),(Suppl.), S410. (American College of Sports Medicine, Seattle, WA, June 2009)

Berent, R., vonDuvillard, S.P., Crouse, S.F., Green J., von Duvillard, P.L., Auer, J, Sinzinger, H. & Schmid, P. (2009) Comprehensive cardiac rehabilitation: What benefits are maintained at repeated residential cardiac rehabilitation after 16 months? (Abstract) Medicine and Science in Sports and Exercise, 41(5),(Suppl.), S439. (American College of Sports Medicine, Seattle, WA, June 2009)

Crouse, S.F., Berent, R., vonDuvillard, S.P., Green, J.S., Auer, J., Sinzinger, H., & Schmid, P. (2009) Effects of training on blood NT-proBNP in cardiac patients classified according to ejection fraction. (Abstract) Medicine and Science in Sports and Exercise, 41(5),(Suppl.), S443. (American College of Sports Medicine, Seattle, WA, June 2009)

vonDuvillard, S.P., Berent, R., Auer, J., Crouse, S.F., Green, J.S., vonDuvillard, P.L., Sinzinger, H. & Schmid, P. (2009) NT-proBNP and selected variable responses to short-term cardiovascular rehabilitation in patients with type 2 diabetes. (Abstract) Medicine and Science in Sports and Exercise, 41(5),(Suppl.), S510. (American College of Sports Medicine, Seattle, WA, June 2009)

Martin, S.E., Glowacki, S.P., Womack. W., Green, J.S. & Crouse, S.F. (2009) Short-term changes in LDL density and lipoprotein particle number in trained men after 3 different modes of exercise. (Abstract) Medicine and Science in Sports and Exercise, 41(5),(Suppl.), S561. (American College of Sports Medicine, Seattle, WA, June 2009)

Greene, N.P., Nilsson, M.I., Lambert, B.S., Reichman, S.E., Fluckey, J.D. & Crouse, S.F. (2009) Changes in PPARδ protein content following acute aerobic exercise in human vastus lateralis muscle. (Abstract) Medicine and Science in Sports and Exercise, 41(5),(Suppl.), S58. (American College of Sports Medicine, Seattle, WA, June 2009)

Greene, N.P., Nilsson, M.I., Holik, R.O., Fluckey, J.D. & Crouse, S.F. (2009) Influence of resistance exercise on AMPD and PGC-1α in the obese zucker rat. (Abstract) Appl. Physiol. Nutr. Metab., 35:117-2268. (International Biochemistry of Exercise Conference, Guelph, Ontario, Canada, June 2009)

Gilmore, L.A., Carbuhn, A., Crouse, S.F., Walzem, R. & Smith, S. (2009) High-oleic groung beef, exercise, and risk factors for cardiovascular disease in postmenopausal women (Abstract) FASEB J. 23:553.4. (Experimental Biology International Meeting, New Orleans, LA, April 2009)

Ribeiro, F.R.B., Rhoades, R.D., Tedeschi, L.O., Smith, S.B., Martin, S.E. & Crouse, S.F. (2009) Evaluating the application of dual x-ray energy absorptiometry (DEXA) to assess dissectible fat and muscle from the 9th to 11th rib section of beef cattle (Abstract) Journal of Animal Science, 87(Suppl 1). (Joint ADSA-CSAS-ASAS National Animal Science Meeting, Montreal, Canada, July 2009)

Crouse, S.F., Berent, R., vonDuvillard, S.P., Green, J.S., Schmid, P., Auer, J. & Sinzinger, H. (2008) Four weeks of residential cardiac rehabilitation reduces NT-proBNP and improves fitness. (Abstract) FASEB Journal, 22:1175.1. (Experimental Biology, San Diego, CA, April 2008)

Crouse, S.F., Martin, S.E., Glowacki, S.P. Womack, J.W. & Green, J.S. (2008) Resistance, endurance, and combined exercise causes changes in non-traditional lipid CHD risk markers. (Abstract) Medicine and Science in Sports and Exercise, 40(5)(Suppl.), S287. (American College of Sports Medicine, Indianapolis, IN, May 2008)

Publications, Continued

Greene, N.P., Greene, E.S., Carbuhn, A.F., Martin, S.E., Green, J.S. & Crouse, S.F. (2008) Blood lipids are not altered following acute treadmill exercise in sedentary, obese adults. (Abstract) Medicine and Science in Sports and Exercise, 40(5)(Suppl.), S57. (American College of Sports Medicine, Indianapolis, IN, May 2008)

Greene, E.S., Greene, N.P., Carbuhn, A.F., Green, J.S. & Crouse, S.F. (2008) Lean body mass increases following 12-week aerobic training with underwater but not land treadmill. (Abstract) Medicine and Science in Sports and Exercise, 40(5)(Suppl.), S172. (American College of Sports Medicine, Indianapolis, IN, May 2008)

Lambert, B.S., Martin, S.E., Green, J.S. & Crouse, S.F. (2008) Prediction of DEXA %fat by triceps and suprailiac skinfold measurements in young women. (Abstract) Medicine and Science in Sports and Exercise, 40(5)(Suppl.), S271. (American College of Sports Medicine, Indianapolis, IN, May 2008)

Carbuhn, A.F., Fernandez, T.E., Bragg, A.F., Green, J.S. & Crouse, S.F. (2008) Seasonal effects on bone and body composition of collegiate softball athletes. (Abstract) Medicine and Science in Sports and Exercise, 40(5)(Suppl.), S315. (American College of Sports Medicine, Indianapolis, IN, May 2008)

Green, J.S., Eberhard, D., Jobe, L., Braden, B., Martin, S., Meade, T. & Crouse, S.F. (2008) Exercise recovery hemodynamics in obese vs. overweight adult patients symptomatic for heart disease. (Abstract) Medicine and Science in Sports and Exercise, 40(5)(Suppl.), S330. (American College of Sports Medicine, Indianapolis, IN, May 2008)

Berent, R., Auer, J., vonDuvillard, S., Crouse, S., Steinbrenner, D., Sinzinger, H. & Schmid, P. (2007) Association between periodontal disease and occurrence of coronary heart disease in 466 patients undergoing coronary angiography. (Abstract) European Heart Journal, 28, 695. (Congress European Society of Cardiology, Vienna, Austria, 2007)

Crouse, S.F., Berent, R., vonDuvillard, S.P., Schmid, P. & Green, J.S. (2007) Four weeks of exercise rehabilitation improves exercise capacity and coronary risk in women with CVD. (Abstract) FASEB Journal, 21:837.1. (Experimental Biology, Washington, D.C., May 2007)

Womack, J.W., Womack, N.F., Sisco, A., Green, J.S. & Crouse, S.F. (2007) Effect of "overweight" and "at-risk-of overweight" categorization of tests of general fitness in Texas public school children. (Abstract) Medicine and Science in Sports and Exercise, 39(5)(Suppl.), S2169. (American College of Sports Medicine, New Orleans, LA, June 2007)

Miller, G.S., Smith, S.B., Walzem, R.L., Adams, T.H. Womack, J.W., Muller, A., Carbuhn, A., Meade, T.H., Green, J.S. & Crouse, S.F. (2007) The high-density lipoprotein cholesterol response to acute exercise depends on the monounsaturated fatty-acid ratio in the diet. (Abstract) Medicine and Science in Sports and Exercise, 39(5)(Suppl.), S1767. (American College of Sports Medicine, New Orleans, LA, June 2007)

Crouse, S.F., Hansen, B.E., Meade, T.H., Miller, G.S., Kaiser, G., Womack, J.W., Green, J.S., Greene, N.P. & Pollard, B. (2007) Characteristics of the electrocardiogram of incoming division I freshmen or transfer collegiate football players. (Abstract) Medicine and Science in Sports and Exercise, 39(5)(Suppl.),S634. (American College of Sports Medicine, New Orleans, LA, June 2007)

Greene, N.P., Greene, E.S., Miller, G.S., Muller, A., Hansen, B.E., Womack, J.W., Green, J.S., Carbuhn, A.F., Meade, T.H. & Crouse, S.F. (2007) Prediction of oxygen costs of exercise on a water treadmill. (Abstract) Medicine and Science in Sports and Exercise, 39(5)(Suppl.), S2556. (American College of Sports Medicine, New Orleans, LA, June 2007)

Greene, E.S., Greene, N.P., Hansen, B.E., Miller, G., Muller, A., Womack, J.W., Green, J.S., Carbuhn, A.F., Meade, T. & Crouse, S.F. (2007) Comparison of oxygen consumption and heart rate response to exercise on land versus water treadmill. (Abstract) Medicine and Science in Sports and Exercise, 39(5)(Suppl.), S2558. (American College of Sports Medicine, New Orleans, LA, June 2007)

Publications, Continued

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Green, J.S., Douphrate, D.I., Heffner, K.D., Berman, W.I. & Crouse, S.F. (1993) Evaluation of 3 near-infrared instruments for body composition assessment in a cardiac patient population. (Abstract) Medicine and Science in Sports and Exercise, 25(5)(Suppl.), S38. (American College of Sports Medicine, Seattle, WA, 1993)

Green, J.S. & Crouse, S.F. (1992) The effects of endurance training on functional capacity in the elderly: A meta-analytic regression analysis. (Abstract) Medicine and Science in Sports and Exercise, 24(5)(Suppl.), S14. (American College of Sports Medicine, Dallas, TX, 1992)

Lowe, R.C., Crouse, S.F. & O'Brien, B. (1992) Acute moderate-intensity exercise of different caloric expenditures differentially modulates serum lipoproteins. (Abstract) Medicine and Science in Sports and Exercise, 24(5)(Suppl.), S177. (American College of Sports Medicine, Dallas, TX, 1992)

Pronk, N.P., Lowe, R.C. & Crouse, S.F. (1991) Error in body composition measurement due to predicted residual volume following training. (Abstract) Medicine and Science in Sports and Exercise, 23(4)(Suppl.), S107. (American College of Sports Medicine, Orlando, FL, 1991)

Crouse, S.F., Lowe, R.C. & O'Brien, B. (1991) Differential effects of low and high intensity exercise on serum lipids in untrained, hypercholesterolemic men. (Abstract) Medicine and Science in Sports and Exercise, 23(4)(Suppl.), S112. (American College of Sports Medicine, Orlando, FL, 1991)

Lowe, R.C., Crouse, S.F. & O'Brien, B. (1991) The effect of chronic endurance training on blood lipids in previously sedentary, hypercholesterolemic middle-aged males. (Abstract) Medicine and Science in Sports and Exercise, 23(4)(Suppl.), S112. (American College of Sports Medicine, Orlando, FL, 1991)

Green, J.S., Crouse, S.F. & Lowe, R.C. (1991) Predicting LDL cholesterol levels from caloric expenditure in sedentary men before and after endurance training. (Abstract) Medicine and Science in Sports and Exercise, 23(4)(Suppl.), S113. (American College of Sports Medicine, Orlando, FL, 1991)

Crouse, S.F., Rohack, J.J. & Jacobsen, D.J. (1991) Heart size and wall thickness in women basketball athletes after detraining. (Abstract) Abstracts of Research Papers 1991 AAHPERD Convention, 140. (American Alliance for Health, Physical Education, Recreation, and Dance, San Francisco, CA, 1991)

Lowe, R.C., Jacobsen, D.J. & Crouse, S.F. (1991) Estimation of submaximal training intensity from measured maximal oxygen uptake in sedentary middle-aged males: Is it valid? (Abstract) Abstracts of Research Papers 1991 AAHPERD Convention, 148. (American Alliance for Health, Physical Education, Recreation, and Dance, San Francisco, CA, 1991)

Publications, Continued

Pronk, N.P., Lowe R.C. & Crouse, S.F. (1991) Effects of high and low intensity exercise on residual volume and body composition in previously sedentary men. (Abstract) Abstracts of Research Papers 1991 AAHPERD Convention, 293. (American Alliance for Health, Physical Education, Recreation, and Dance, San Francisco, CA, 1991)

Green, J.S. & Crouse, S.F. (1991) The effects of mandatory exercise training on physical fitness and ischemic heart disease risk factors of fire fighters. (Abstract) Abstracts of Research Papers 1991 AAHPERD Convention, 291. (American Alliance for Health, Physical Education, Recreation, and Dance, San Francisco, CA, 1991)

Crouse, S.F., Rohack, J.J. & Jacobsen, D.J. (1990) Heart size and wall thickness of female collegiate basketball athletes compared to age-matched controls. (Abstract) Medicine and Science in Sports and Exercise, 22(2)(Suppl.), S66. (American College of Sports Medicine, Salt Lake City, UT, 1990)

Lowe, R.C., Crouse, S.F. & O'Brien, B. (1990) Acute changes in total, high-density, lipoprotein cholesterol and subfractions following isocaloric exercise of different intensities. (Abstract) Medicine and Science in Sports and Exercise, 22(2)(Suppl.), S59. (American College of Sports Medicine, Salt Lake City, UT, 1990)

Crouse, S.F. & Jacobsen, D.J. (1990) Physiologic and biochemical characteristics of female collegiate basketball players compared to nonathletes. (Abstract) Abstracts of Research Papers 1990 AAHPERD Convention, 71. (American Alliance for Health, Physical Education, Recreation, and Dance, New Orleans, LA, 1990)

Hasson, S., Rahr, R., Richmond, S., Thames, T., Scott, S., Miller, S. & Crouse, S. (1990) Effect of varying exercise training intensity on fitness parameters. (Abstract) Cardiopulmonary Physical Therapy Journal, 1, 13.

Hasson, S., Rahr, R. Richmond, S., DeJong, F., Roberts, T., Haisler, J. & Crouse, S. (1990) Effect of aerobic dance on fitness parameters. (Abstract) Journal of Cardiopulmonary Rehabilitation, 19, 399.

Crouse, S.F., Coast, J.R. & Sterling, J.C. (1989) The effect of calcium channel blockade on skeletal muscle contractile performance. (Abstract) Medicine and Science in Sports and Exercise, 21(2) Suppl.), S67. (American College of Sports Medicine, Baltimore, MD, 1989)

Coast, J.R., Crouse, S.F., Sterling, J.C. & Krause, K.M. (1989) Effect of calcium channel blockers on pulmonary function. (Abstract) Medicine and Science in Sports and Exercise, 21(2)(Suppl.), S21. (American College of Sports Medicine, Baltimore, MD, 1989)

Crouse, S.F. & Jacobsen, D.J. (1989) Anaerobic power in female collegiate basketball athletes. (Abstract) Abstracts of Research Papers 1989 AAHPERD Convention. (American Alliance of Health, Physical Education, Recreation, and Dance, Boston, MA, 1989)

Crouse, S.F. & Moritani, T. (1988) Effects of beta-adrenergic blockade on the EMG during submaximal bicycle exercise. (Abstract) Medicine and Science in Sports and Exercise, 20(2)(Suppl.), S16. (American College of Sports Medicine, Dallas, TX, 1988)

Rhodes, J., Coast, J.R. & Crouse, S.F. (1988) Arterial desaturation in healthy untrained subjects. (Abstract) Medicine and Science in Sports and Exercise, 20(2)(Suppl.), S47. (American College of Sports Medicine, Dallas, TX 1988)

Crouse, S.F. (1988) Beta-adrenergic blockade and skeletal muscle contractile performance. (Abstract) Abstracts of Research Papers 1988 AAHPERD Convention. (American Alliance of Health, Physical Education, Recreation, and Dance, Kansas City, MO, 1988)

Crouse, S.F., Hasson, S., Mulligan, L., VanDuser, B., & Shea, C.H. (1987) Heart rate kinetics during recovery from exercise: Effect of beta adrenergic blockade. (Abstract) Journal of Cardiopulmonary Rehabilitation, 11, S438. (American Association of Cardiovascular and Pulmonary Rehabilitation, Dallas, TX, 1986)

Crowell, D.L., Crouse, S.F., Hooper, P.L. & Simon, T.L. (1985) Hematological parameters in endurance-trained and sedentary men. (Abstract) Medicine and Science in Sports and Exercise, 17(2), 293. (American College of Sports Medicine, Nashville, TN, 1985)

***RESEARCH GRANTS***

**Funded Grants**

Lambert, B., (PI), Crouse, S.F. (Co-PI) & Greene, N.P. (Co-I). Acute and chronic intracellular responses to concurrent aerobic and resistance exercise as well as the incorporation of underwater treadmill running: A novel approach for minimizing the interference effect. National Strength and Conditioning Association, Student Research Grant. 2/21/09-2/28/10, $9,960.

Greene, N.P. (PI) & Crouse, S.F.(Co-PI) PPARs and Obesity: Potential Mechanisms for the Influence of Exercise on Metabolic Diseases. Student Research Award, American College of Sports Medicine, Texas Chapter. 2/21/09-2/28/10, $1,000.

Greene, N.P.(PI) & Crouse, S.F. (Co-PI) Effect of Acute Exercise and Exercise Training on PPAR Expression in Human Skeletal Muscle, Possible Mechanisms for Changes in Blood Lipids. Student Research Award. American College of Sports Medicine, Texas Chapter, 3/1/08-2/28/09, $1,000.

Crouse, S.F., (PI). The Effects of NRG InterX Therapy on Delayed Onset Muscle Soreness: Comparisons with Standard Treatment. 6/1/2006– 1/31/2007, $40,250.

Crouse, S.F., (PI). Effectiveness of Hydrotherapy and Hydrotraining in the Hydroworx Fitness Pools.

Hydroworx. 2/1/2006– 1/31/2007, $139,800.

Lupton, J. (PI), Turner, N, Chapkin, R., Wu, G., Dorman, S.M., Crouse, S.F., Delp, M., Lawler, J., Armstrong, R.B.,

Walzem, R., Ford, J., & Braby, L. (Co-Investigators). A Graduate Education Program Focusing on Space Life

Sciences. Baylor College of Medicine (NSBRI), 10/01/04-9/30/05, $90,661.

Watts, C.E. (PI), McIntosh, A., Anding, J., Crouse, S., Witt, P., & Carson, D.E., (Co-Investigators). Addressing Obesity through After-school Programs: A Pilot Study of the Food and Fitness Fun Education Program. Children, Youth and Family Research Initiative, 5/1/2005-6/30/2006, $14,936.32.

Crouse, S.F. (PI) Effect of Carbohydrate and Carbohydrate-Protein on Power Performance in Collegiate Football Players. Gatorade, The Quaker Oats Company, 7/1/04-12/31/04, $14,441.

Crouse, S.F. & Martin, S.E. (Co-PI. Chronic Coronary Occlusion, Exercise Training, and Regulation of Lipid-Lipoprotein Metabolism. The Florence Oeding Estate, State of Texas Foundation, 6/2000-6/2001, $2,000. Continuation Award, 8/2001-8/2007, $12,000.

Crouse, S.F. & Nizielski, S.E. (Co-PI). The Role of Adenosine in Modulating Adipose Tissue Metabolism in Response to Exercise and Aging. Interdisciplinary Research Initiative Program, Texas A&M University, College Station, TX, 5/00-4/01, $25,000.

Crouse, S.F. (PI). Acute and Chronic Effects of Resistance Training vs. Endurance Training on the Lipid Profile in Healthy Men and Women. Faculty Mini-Grant Program, Texas A&M University, College Station, TX, 6/00-5/01, $1,500.

Crouse, S.F. (PI). The Effects of Total Body Exercise vs. Lower Body Exercise on the Lipid Profile in Healthy Men and Women. Enhancing Excellence-Minigrants, Texas A&M University, College Station, TX, 11/98-10/99, $1,300.

Crouse, S.F. (PI). The Effects of Total Body Exercise vs. Lower Body Exercise on the Lipid Profile in Healthy College Aged Males. College of Education Research Enhancement Grant, Texas A&M University, College Station, TX, 6/98-7/98, $500.

Green, J.S. & Crouse, S.F. (Co-PI). The Post-Menopausal Heart: Exercise and Hormone Replacement Influences. American College of Sports Medicine Foundation Research Grant for Doctoral Students, Indianapolis, IN, 6/1/95-5/31/96, $2,211.

Crouse, S.F., Macfarlane, R.D., O’Brien, B.C. & Rohack, J.J. (Co-PI). The Lipid Profile and Reverse Cholesterol Transport in Hypercholesterolemic Postmenopausal Women after Exercise: New Approaches to Assess Clinically Important Changes in Lipoproteins. Interdisciplinary Research Initiatives, Texas A&M University, College Station, TX, 6/96-5/97, $24,976.

Grants, Continued

Crouse, S.F., O'Brien, B., Macfarlane, R.D. & Rohack, J.J. (Co-PI). The Effect of a Single Session of Exercise on the Lipid Profile and Indices of Reverse Cholesterol Transport in Hypercholesterolemic Men. Interdisciplinary Research Initiatives, Texas A&M University, College Station, TX, 6/95-5/96, $24,848.

Crouse, S.F., O'Brien, B.C. & Rohack, J.J. (Co-PI). Exercise Training and Lipids in Pre- and Post-Menopausal Women: A One Year Follow-Up. Texas A&M University Research & Graduate Studies Faculty Mini-Grant, 6/94-12/94, $800.

Crouse, S.F., O'Brien, B.C. & Rohack, J.J. (Co-PI). The Influence of Exercise Training on Serum Lipids and Selected Heart Disease Risk Factors in Old and Young Women. The Wallace Genetic Foundation, Katonah, NY, 1/93 - 12/93, $19,960.

Crouse, S.F. (PI). Lipid and Lipoprotein Effects of Extreme Dieting and Exercise. Minigrant, Office of University Research, College of Education, Texas A&M University, College Station, TX, 1991-1992, $700.

Crouse, S.F. (PI). Exercise and Lipids: Acute/Chronic and Intensity Effects. American Heart Association, Texas Affiliate Grant, 1989-1991, $57,200.

Crouse, S.F. (PI). The Role of Exercise and Diet in Weight Management: Effects on Resting Metabolic Rate, Body Composition and Waist-to-Hip Ratios. Minigrant, Office of University Research, Texas A&M University, 1989-1990, $550.

Crouse, S.F. ( PI). Physiological Profiles of Intercollegiate Female Basketball Players. Enhancing Excellence in Research, College of Education, Texas A&M University, 1988-1990, $45,665.

Crouse, S.F. ( PI). The Application of Microcomputer Technology in Programming for Wellness. Research Enhancement Funds, College of Education, Texas A&M University, 1989, $3,900.

Coast, J.R. (PI) & Crouse S.F. (Collaborating Investigator). Cardiac Output and Work of Breathing During Exercise. American Heart Association, Texas Affiliate Grant, 1988-1990, $55,000.

Lessard, C.S. (PI), Crouse, S.F. & O'Brien, B.C.(Collaborating Investigators). Design of an Adaptive Above-knee Prosthesis and Energy Expenditure Case Study. National Institute of Health, Biomedical Research Support Grant, 1988-1989, $2,000.

Crouse, S.F. (PI). The Influence of Calcium Channel Blockade on Physical Working Capacity and the Cardiovascular Response to Exercise. Minigrant, Office of University Research, Texas A&M University, 1987-1988, $700.

Crouse, S.F. (PI). The Influence of Physical Activity on Serum Levels of Apolipoprotein A1 and B. Texas A&M University College of Education FY 85 "Start Up" Funding for New Faculty, 1985-1986, $10,000.

Crouse, S.F. (PI). The Effect of Strength and Endurance Training on Circulating Lipoproteins. University Research Services, Texas A&M University, 1985-1986, $650.

Oden, G. & Crouse, S.F. (Co-PI). The Effects of Physical Fitness on Worker Productivity. The Association for Fitness in Business, 1985, $2,000.

Crouse, S.F. (PI). The Effect of Exercise on Lipid and Apolipoprotein Profiles. Minigrant, Office of University Research, Texas A&M University, 1985, $500.

Crouse, S.F. (PI). Zinc Ingestion and Lipoprotein Values in Sedentary and Endurance-Trained Men. General Clinical Research Center Program, National Institute of Health, 1982-1983, $4,000.

***FUNDED CONTRACTS AND ACTIVITIES***

Martin, S.E. & Crouse, S.F. (Co-Directors). Cardiovascular Health Evaluation and data analysis for City of College Station Fire Department Personnel, 112 employees, 2008, $42,490; 2009, $33,789.

Martin, S.E. & Crouse, S.F. (Co-Directors). Cardiovascular Health Evaluation and data analysis for City of College Station Police Department Personnel, 25 employees, 2007, $5,556; 22 employees, 2008, $3,017.

Martin, S.E. & Crouse, S.F. (Co-Directors). Cardiovascular Health Evaluation and data analysis for City of Bryan Police Department Personnel, 35 employees, 2007, $8,259; 21 employees, 2008, $3,190; 2009, $3,509.

Martin, S.E.. & Crouse, S.F. (Co-Directors). Cardiovascular Health Evaluation and data analysis for City of Bryan Fire Department Personnel, 92 employees, 2007, $25,579; 2008, $32,395; 2009, $32,679.

Crouse, S.F. (Director) Dietary Oleic Acid and Exercise Effects on Lipid Profiles, 30 participants, 2006, $7,710; 2008, 3,080; 2009, $4,275.

Womack, J.W. & Crouse, S.F. (Co-Directors) City of College Station Police Department. Development of Performance Standards, 2007, $3,000.

Womack, J.W. & Crouse, S.F. (Co-Directors). Cardiovascular Health Evaluation and data analysis for City of College

Station Police Department Personnel, 80 employees, 1998-2006, $77,718.

Womack, J.W. & Crouse, S.F. (Co-Directors). Cardiovascular Health Evaluation and data analysis for City of Bryan Police Department Personnel, 85 employees, 1999-2006, $54,188.

Womack, J.W. & Crouse, S.F. (Co-Directors). Cardiovascular Health Evaluation and data analysis for City of Bryan Fire Department Personnel, 80 employees, 1999-2006, $179,724.

Womack, J.W. & Crouse, S.F. (Co-Directors). Cardiovascular Health Evaluation and data analysis for City of College Station Fire Department Personnel, 65 employees, 2001-2004, $51,117.

Jackson, N.L. & Crouse, S.F. (Co-Directors). Cardiovascular Health Evaluations and data analysis for City of College Station Fire Department Personnel, approximately 80 employees, 1997-1998, $30,951.

Crouse, S.F. & Jackson, N.L. (Co-Directors). Cardiovascular Health Evaluation and data analysis for College Station Independent School District Personnel, 12 employees, 1997, $1,590.

Crouse, S.F. & Jackson, N.L.. (Co-Directors). Cardiovascular Health Evaluations and data analysis for City of Bryan Police Department Personnel, approximately 85 employees, 1997, $15,725.

Jackson, N.L. & Crouse, S.F. (Co-Directors). Cardiovascular Health Evaluations and data analysis for City of College Station Police Department Personnel, approximately 75 employees, 1997, $8,215.

Crouse, S.F. & Green, J.S. (Co-Directors). Cardiovascular Health Evaluations and data analysis for City of Bryan Fire Department Personnel, approximately 80 employees annually, 1984-1996, $122,735.

Green, J.S. & Crouse, S.F. (Co-Directors). Cardiovascular Health Evaluations and data analysis for City of College Station Fire Department Personnel, approximately 80 employees annually, 1993-1996, $59,440.

Green, J.S. & Crouse, S.F. (Co-Directors). Cardiovascular Health Evaluations and data analysis for City of College Station Police Department Personnel, approximately 70 employees annually, 1991- 1996, $41,070.

Crouse, S.F. & Green, J.S. (Co-Directors). Cardiovascular Health Evaluations and data analysis for City of Bryan Police Department Personnel, 30-80 employees annually, 1984, 1988, 1990-1995, $66,380.

Crouse, S.F. (Director). Westinghouse Corporation, Enhancement of Education of Corporate Fitness Professionals, The Westinghouse Fellowship, 1989-1990 and 1990-1991, $20,000.

Funded Contracts and Activities, Continued

Crouse, S.F. (Director). Principals' Center Summer Academy Wellness Strand, Directed and supervised Cardiovascular Health Profiles and data analysis for 25 public school administrators, July 1987, 1988, and 1990, $6,200.

Crouse, S.F. (Director). United States Air Force Recreation Directors National Workshop, Directed and supervised Cardiovascular Health Evaluations and data analysis for about 30 participants, April 1987-1989, $12,000.

Crouse, S.F. (Director). Superintendents' Wellness Workshop, Directed and supervised Cardiovascular Health Evaluations and data analysis for 33 public school superintendents, April 1988, $5,000.

Crouse, S.F. (Director). Principals' Center Wellness Workshops, Directed and supervised Cardiovascular Health Evaluations and data analysis for 60 public school principals, January, February and March 1987, $5,000.

***PRESENTATIONS***

**International/National/Regional Meetings**

Crouse, S.C. Cardiovascular Responses, Energy Expenditure, and Weight Change in Normoweight and Overweight Adults: Comparisons between HydroWorx Water and Land-Based Treadmill Exercise. 2007 Aquatic Therapy Summit, The Andrew’s Institute, Gulf Breeze, Florida, May 11, 2007.

Crouse, S.F. Exercise and Wellness Research at Texas A&M University. Impacto de la Nutricion y Bienestar en la Salud, Simposio Internacional Technologico de Monterrey Escuela de Medicina, Monterrey, Mexico, January 26, 2007.

Crouse, S.F. Dietary Fat and Athletic Performance. ATKL Symposium, University of Vienna, Vienna, Austria, December 7, 2002.

Crouse, S.F., Grandjean, P.W., Davis, P.G., Durstine, L. The Influence of Exercise on Lipoproteins and Lipid Transport. Symposia. Southeast American College of Sports Medicine Annual Meeting, Columbia, SC, January 25, 2001.

Crouse, S.F. Risk Factors: What’s New in the Literature. Invited Presentation. Region VI Association for Worksite Health Promotion Annual Conference, Houston, TX, April 17, 1998.

Crouse, S.F. Training Volume, Intensity, and Therapy to Improve Lipid and Lipoprotein Metabolism. ATKL Symposium, University of Vienna, Vienna, Austria, December 2, 2000.

Crouse, S.F. Research Update: Exercise Prescription - Lifetime Fitness for Health. Invited Presentation. Association for Worksite Health Promotion 19th Annual International Conference, New Orleans, LA, September 30, 1993.

Crouse, S.F. Research Update: Cholesterol. Invited Presentation. Region VI Association for Fitness in Business Annual Meeting, New Braunfels, TX, March 1989.

**State Meetings**

Crouse, S.F. Exercise and Cardiovascular Disease Prevention. Invited Presentation. Preventive Cardiology Forum V, The University of Texas-Houston Medical School, Houston, TX, February 25, 1995.

Crouse, S.F. Exercise in the Prevention of Disease. Invited Presentation. 21st Annual Texas Human Nutrition Conference, Texas A&M University, College Station, TX, February 18, 1994.

Crouse, S.F. Academic Preparation of Exercise Professionals for Corporate Fitness/Wellness Programs. Invited Presentation. Texas Alliance of Health, Physical Education, Recreation, and Dance Annual Convention, Dallas, TX, November 1989.

Crouse, S.F. How to Incorporate Wellness into Your Personal Growth Plan. Invited Presentation. Administrative Leadership Institute, Texas A&M University, College Station, TX, November 17, 1988.

Crouse, S.F. Exercise and Health Promotion - The Role of Allied Health Professionals. Invited Presentation. Health Promotion/Disease Prevention Project, Baylor College of Medicine, Houston, TX, May 1986.

Presentations, Continued

Crouse, S.F. Evaluating Your Physical Condition and Health Risk. Invited Presentation. TEEX Annual Staff Conference, Texas Engineering Extension Service, Texas A&M University, College Station, TX, September 1986.

Crouse, S.F. The Effect of Acute Beta-Adrenergic Blockade on Muscular Power and Endurance. Research Presentation. Texas Alliance of Health, Physical Education, Recreation, and Dance Annual Convention, Houston, TX, December 1986.

Crouse, S.F. Issues in Professional Preparation for Corporate Health Promotion. Invited Presentation. Texas Alliance of Health, Physical Education, Recreation, and Dance Annual Convention, Dallas, TX, December 1985.

Crouse, S.F. Basic Stuff - Exercise Physiology. Invited Presentation. New Mexico American Alliance for Health, Physical Education Recreation and Dance, Roswell, New Mexico, October 1981.

**Other Presentations**

Crouse, S.F. Invited Presentation. Huffines Institute Research Agenda: An Update. Houston Reveille Club, Houston,

TX. March 29, 2007.

Crouse, S.F. Invited Presentation. Exercise Testing for Cardiovascular Risk Profiling. Joint Admissions Medical Program, Texas A&M University College of Medicine, College Station, TX, June 2003, 2004, 2005.

Crouse, S.F. Invited Presentation. The Role of Exercise in Modifying Blood Lipids in Hypercholesterolemia. Department of Exercise Science, University of South Carolina, January 24, 2001.

Crouse, S.F. Invited Presentation. The Role of Exercise in Modifying Blood Lipids in Hypercholesterolemia. Department of Health & Human Performance, Auburn University, Auburn, Alabama, January 23, 2001.

Crouse, S.F. Cardiac Rehabilitation. St. Joseph Hospital, Bryan, TX, February 15, 2000.

Crouse, S.F. Electrocardiography and Graded Exercise Testing: Administration and Interpretation According to ACSM Guidelines. Texas Chapter of the American College of Sports Medicine Annual Meeting Workshop, Texas Lutheran University, Seguin, TX, February 7, 1997.

Crouse, S.F. Cardiovascular Risk Factors; Individual Risk Assessment. College Station Police Department, College Station, TX, January 1992.

Crouse, S.F. Measurement and Evaluation of Human Performance: Applications for Physical Fitness and Sports Medicine. Texas Alliance for Science. Technology & Mathematics Education Symposium: Science Technology & Youth, Texas A&M University, College Station, TX, March 7, 1992.

Crouse, S.F. Benefits of Exercise. Bryan Police Department, Bryan, TX, September 16, 23 and October 14, 1992.

Crouse, S.F. How Exercise Affects Your Cholesterol. Samuel Houston Elementary Jump Rope for Heart Demonstration Team. Huntsville, TX, February 15, 1991.

Crouse, S.F. Certification of Exercise Professionals. Region VI Association for Fitness in Business Student Workshop, Westinghouse Fitness Center, College Station, TX, November 2, 1991.

Crouse, S.F. Wellness in the Workplace. TAMUS Council of Business Officers Meeting, College Station, TX, February 15, 1990.

Crouse, S.F. Basic Exercise Physiology and Cardiovascular Risk Factors. Region VI Association for Fitness in Business Health and Fitness Screening and Testing Skills Workshop, Dallas, TX, October 20, 1989.

Crouse, S.F. Exercise Evaluation and Prescription: Heart Disease Risk Assessment and Reduction. United States Air Force Recreation Directors National Workshop, Texas A&M University, College Station, TX, April 1987, 1988, and 1989.

Presentations, Continued

Crouse, S.F. Exercise Science Professionals-Lecture and Lab Demonstration. Science/Technology Symposium, Texas Alliance for Science Technology & Mathematics Education, Texas A&M University, College Station, TX, March 4, 1989.

Crouse, S.F. The Graded Exercise Test: Procedures and Application. Executive Development Program Workshop, Texas Agricultural Extension Service, Extension Recreation and Parks, Texas A&M University, College Station, TX, January 1985, January 1986, January 1987, January 1988.

Crouse, S.F. Cardiovascular Risk Factors: How to Evaluate Them. Superintendents' Wellness Workshop, Texas A&M University, College Station, TX, April 1988.

Crouse, S.F. The Fitness Evaluation: What Does It All Mean? The Principals' Center Wellness Workshops, Texas A&M University, College Station, TX, January, February, March, July 1987 and July 1988.

Crouse, S.F. Walk Away From Stress: Steps to Better Health. Andrews Independent School District, Andrews, TX, August 1987.

Crouse, S.F. Heart Disease Risk and Effects of Exercise. West Orange Cove Consolidated School District, Orange, TX, September 1987.

Crouse, S.F. Risk Factor Identification. Lecturer and Examiner for the American College of Sports Medicine Exercise Leader/Aerobics Workshop and Certification, Houston, TX, November 1987.

Crouse, S.F. Triathlon Training. Texas Instruments, Dallas, TX, February 1986.

Crouse, S.F. Training for the Triathlon. The Texas Club, Dallas, TX, April 1986.

Crouse, S.F. The Evaluation of Cardiovascular Risk: State of the Art. United States Air Force Recreational Directors Workshop, Texas A&M University, College Station, TX, September 1986.

Crouse, S.F. The Fitness Evaluation-Methods and Procedures. Sports Management Workshop, Texas Agricultural Extension Service, Texas A&M University, College Station, TX, October 1986.

Crouse, S.F. Graded Exercise Testing: Interfacing with a Wellness Program. United States Air Force Recreational Directors Workshop, Texas A&M University, College Station, TX, August 1985.

Crouse, S.F. Practical Considerations for Graded Exercise Testing in the Cardiac Patient. LaCrosse Exercise Program Cardiac Rehabilitation Workshop, The University of Wisconsin at LaCrosse, LaCrosse, Wisconsin, September 1983 and February 1984.

**Other Service**

Crouse, S.F. Co-Chair. Christian Faculty Network at Texas A&M University, 2001–2008.

Crouse, S.F. Faculty Advisor. Aggie Association for Worksite Health Promotion, 1989-1996.

Crouse, S.F. American College of Sports Medicine Certification Director. Health Fitness Instructor Certification and Workshop, Dallas, TX, July 1990 - 1994.

Crouse, S.F. Lecturer and Examiner. Risk Factor Identification Section, American College of Sports Medicine Exercise Leader/Aerobics Workshop and Certification, Houston, TX, November 1987.

***CONSULTING ACTIVITIES***

Ramey, Chandler, McKinley & Zito, P.C., Attorneys at Law, 5847 San Felipe, Suite 3980, Houston, TX;

March 24 – October 9, 2003.

Title: Product Liability case, Personal injury using Ab Shaper equipment

Consulting, Continued

Reynolds Metals Company, PO Box 9911, Corpus Christi, TX, 78469; April 1, 1999 - August 31, 2001

Contact: Arlon Boatman, Manager, Health, Safety & Industrial Hygiene

Title: Validation Study for Endurance Component of Pre-employment Ergonomics Test.

Texas Department of Criminal Justice, PO Box 99, Huntsville, TX, 77342; June 1 - December 31, 1992.

Contact: James E. Bush, Director of Personnel

Title: Evaluation of Job-Related Physical Fitness Requirements for Correctional Officers

Texas Eastman Company, P.O. Box 7444, Longview, Texas, 75607; August 1 - October 31, 1990.

Contact: L.C. Stetzner, M.D., Medical Director or William R. Hansen, Operations and Training.

Title: Feasibility of Company-Wide Health Promotion Program