

Ross E. Vaughn

College of Education • Boise State University • 1910 University Drive • Boise, ID 83725 • 208-426-3399

ACADEMIC BACKGROUND

Ph.D., 1982, Washington State University, Physical Education - Biomechanics
M.S., 1969, Washington State University, Physical Education
B.A., 1968, Chico State College, Physical Education
A.A., 1966, Riverside City College, Math-Science

PROFESSIONAL EXPERIENCE

1973-present, Boise State University: Associate Dean, College of Education, 2003-present;
Professor, 1989-present; Chair, Department of Kinesiology, 1994-2003; Graduate Program
Coordinator, 1992-94; Associate Professor, 1983-89; Assistant Professor, 1973-83; Director
of Intramurals, Recreation & Club Sports, 1973-81; Head Baseball Coach, 1973-80

1972-73, Washington State University, Assistant Baseball Coach

1970-72, United States Army, Physical Activities Specialist

1969-70, University of Vermont, Instructor, Department of Physical Education, Assistant
Baseball Coach

PROFESSIONAL ACTIVITY

Refereed Publications

Kim, C., Kozar, B., Vaughn, R. & Button, S.G. (2005). Comparing performance by parents
and offspring on a rapid tapping task. Perceptual and Motor Skills, 101, 605-612.

Halseth, T., McChesney, J., Vaughn, R.E. & DeBeliso, M. (2003). The Effects of Kinesio™
Taping on Proprioception at the Ankle. Journal of Sports Science & Medicine.

Whitehead, R., Butz, J.W., Kozar, B. & Vaughn, R.E. (1996). Stress and Performance: An
Application of Gray's Three-factor Arousal Theory to Basketball Free-Throw Shooting.
Journal of Sports Sciences, 14, 393-401.

Whitehead, R., Butz, J.W., Vaughn, R.E., & Kozar, B. (1996). Implications of Gray's Three
Factor Arousal Theory for the Practice of Basketball Free-Throw Shooting. Journal of Sport
Behavior, 19(4), 354-362.

Kozar, B., Vaughn, R. E., Lord, R. H. & Whitfield, K. E. (1995). Basketball Free-Throw Performance: Practice Implications, Journal of Sports Behavior, 18(2), 123-129.

Kozar, B., Vaughn, R. E., Whitfield, K. E., Lord, R. H., & Dye, B. (1994). Importance of free-throws at various stages of basketball games. Perceptual and Motor Skills, 78, 243-248.

Vaughn, R. E. & Kozar, B. (1993). Intra-individual variability for basketball free-throws. In J. Hamill, T. R. Derrick & E. H. Elliott (Eds.) Biomechanics in Sports XI, (pp. 305-308). Amherst, MA: International Society for Biomechanics in Sports.

Vaughn, R. E. (1985). Three-dimensional kinematics of the baseball pitch. In J. Terauds & J. N. Barham (Eds.), Biomechanics in Sports II. (pp. 72-78). Del Ray, CA: Academic Publishers.

Vaughn, R. E. (1985). An algorithm for determining arm action during overarm baseball pitches. In D. A. Winter, R. W. Norman, R. P. Wells, K. C. Hayes, & A. E. Patla (Eds.), Biomechanics IX. (pp. 510-515). Champaign, IL: Human Kinetics Publishers.

Published Abstracts/Proceedings

Kim, C., Kozar, B., Vaughn, R.E., & Button, S.G. (2003). Performance relationship between parents and their offspring on a rapid tapping task. Western College Physical Education Society Review, 1, 30-31.

Fahleson, G.A., Kozar, B., Vaughn, R.E. & Harris, C. (1997). Improving Golf Performance with the AccuSwing Practice Device. Research Quarterly for Exercise and Sport, 68, Supplement, Abstracts of completed research.

Vaughn, R. E. & Kozar, B. (1994). Error tendencies of skilled free-throw shooters. Research Quarterly for Exercise and Sport, 65, Supplement, Abstracts of completed research, 67.

Service Publications

Dapena, J., LeBlanc, M.K., Vaughn, R.E., Johnston, G.L., & Anderst, W.J. (1994). Scientific Services Project: High Jump #11 (Men). USA Track & Field/US Olympic Committee.

Dapena, J., LeBlanc, M.K., Vaughn, R.E., Johnston, G.L., & Anderst, W.J. (1994). Scientific Services Project: High Jump #12 (Women). USA Track & Field/US Olympic Committee.

Dapena, J., Vaughn, R.E., & Johnston, G.L. (1993). Scientific Services Project: High Jump #10 (Men). USA Track & Field/US Olympic Committee.

Kozar, B., Vaughn, R. E., Whitfield, K. E., Lord, R. H., & Dye, B. (1994, July-August). Free throws grow big in last five minutes. NABC Courtside, 15.

Vaughn, R. E. (1990). Mechanics of the baseball throw. Scholastic Coach, 59(7):67.

Vaughn, R. E. & Pfeiffer, R. P. (1987). Fitness: The myths. Focus, 12(4):28-30.

Vaughn, R. E. (1986, Jan/Feb). Stretch your way to fitness. Total Fitness. p. 28.

Murray, R. & Vaughn, R. E. (1982). Testing and evaluating in physical education. Boise, ID: Idaho State Department of Education.

Vaughn, R. E. (1984-1990). Focus on Fitness. A weekly newspaper column carried by newspapers throughout the state of Idaho. A total of 97 articles authored:

(1990, July 18). Stress could be the cause of your lower back pain.

(1990, June 13). Strength and flexibility exercises for the shoulder.

(1990, May 23). Warm up before repetitive throwing to prevent shoulder injury.

(1990, April 18). Teach young baseball players proper throwing technique.

(1990, March 14). Baseball season calls for proper arm conditioning.

(1990, January 31). Avoid back troubles with correct lifting techniques.

(1989, December 20). Overdoing it can cause injuries in aerobic dance.

(1989, November 29). Stretch your exercise possibilities with rubber tubing.

(1989, October 11). Shoes for the all-around athlete.

(1989, September 27). Step up physical fitness by taking brisk walks.

(1989, August 23). Special clothing gives athletes a streamlined edge.

(1989, August 16). Type of cleats to use depends on surface.

(1989, July 26). Even astronauts in outer space could use exercise.

(1989, July 5). Poor technique causes tennis elbow.

(1989, May 24). Bad lifting technique causes back injuries.

(1989, May 10). Take steps to reduce weight and blood pressure by walking.

(1989, April 26). Proper footwear, training can prevent shin splints in runners.

(1989, March 29). Certain exercises don't help alleviate low-back trouble.

(1989, March 8). Sitting can be a pain in the back.

(1989, February 15). Put exercise in your daily routine.

(1989, January 25). Stress, structure make knees susceptible to injuries.

(1989, January 4). What's your excuse for not exercising?

(1988, December 14). Upgrade ski equipment for safety's sake.

(1988, December 7). Feet and legs may be the source of back pain.

(1988, November 16). Keep on a roll in bowling by avoiding injuries.

(1988, October 19). Doctor bills may be more expensive than new running shoes.

(1988, October 5). It's never too late to get in shape.

(1988, September 7). Exercise can relieve osteoarthritis.

(1988, August 10). Water workouts offer benefits without stress.

- (1988, July 20). Be cool, don't suffer from heat exhaustion.
- (1988, July 6). Carbohydrates provide energy.
- (1988, Jun 8). Racquet sports offer aerobic benefits.
- (1988, May 18). Replace fluids while exercising.
- (1988, May 4). Research continues to support value of exercise.
- (1988, March 31). Improve running speed with training.
- (1988, March 10). It's time to get muscles in shape for softball.
- (1988, March 3). Floor surface, shoes may contribute to aerobic-dance injuries.
- (1988, February 4). Slow, careful stretching will increase flexibility.
- (1988, January 14). Don't stretch you luck with some common exercises.
- (1987, December 17). Ski bindings cannot guarantee protection from injury.
- (1987, December 3). Nordic-ski skating requires different gear and techniques.
- (1987, November 12). Don't let work and stress become a pain in the neck.
- (1987, October 22). Shoes for fitness walking must meet basic standards.
- (1987, October 1). Walking sets the pace as No. 1 participant sport.
- (1987, September 17). Back injuries can bogey your favorite sport.
- (1987, May 21). Don't push kids into highly-competitive training.
- (1987, May 7). Innovations keep players interested.
- (1987, April 16). Don't let arm injuries strike you out this season.
- (1987, March 12). Foot pounding can lead to long-range complications.
- (1987, March 5). Hand, ankle weights involve risks.
- (1987, February 12). Beat aerobic injuries with proper footwear.
- (1987, January 22). Too cold? Jump into an indoor aerobic activity.
- (1986, December 25). Take steps to prevent injuries to the lower back.
- (1986, December 4). Good posture prevents stress, back problems.
- (1986, November 20). Intense games can provide cardiorespiratory fitness.
- (1986, October 23). Wear the best protective headgear.
- (1986, October 16). Don't rush your ski selection.
- (1986, September 25). Improve strength and speed.
- (1986, August 21). Weak abdominal muscles contribute to beer belly.
- (1986, August 14). Speed is just as important as strength for athlete.
- (1986, July 31). Flow through workout with water exercises.
- (1986, July 24). A properly-loaded pack will help save your back.
- (1986, July 3). Cancer society promotes new eating habits.
- (1986, June 19). Athletic shoe should fit the sport.
- (1986, May 29). Learn the right moves for best swimming exercise.
- (1986, May 8). Bicycle must fit rider properly.
- (1986, April 24). Are you a new coach? These tips may be helpful.
- (1986, April 3). Youth sports programs should focus on children.
- (1986, March 6). Take a walk and keep pace with fitness.
- (1986, February 27). You're never too old to begin an exercise program.
- (1986, January 30). Secret to physical fitness is being active.
- (1986, January 23). Get a kick out of skiing cross-country.

- (1986, January 9). Stretch out while you push paper.
- (1986, January 2). For fitness, don't try to go it alone.
- (1985, November 7). Bindings -- your pass to safety in skiing.
- (1985, October 17). What's the easiest way to do pull-ups?
- (1985, October 10). Use weight-training equipment properly.
- (1985, September 19). Ill-prepared hunter can have an uphill battle.
- (1985, September 12). Bowlers can get the ball rolling with right timing.
- (1985, September 5). Players need an angle to improve tennis game.
- (1985, August 15). Determine form in tennis with each shot.
- (1985, August 8). Be a hit on the tennis court with the proper racket.
- (1985, August 1). Prevent back problems with muscle flexibility.
- (1985, July 4). Proper swing depends on perfect timing.
- (1985, June 20). Training program should include all muscle groups.
- (1985, May 23). Don't strike an athlete out by giving wrong advice.
- (1985, May 9). Pointers will help batter get into the swing of things.
- (1985, April 18). Professor makes pitch for proper throwing skills.
- (1985, March 28). Slow, smooth stretching reduces chance for injury.
- (1985, March 7). Improper foot control can strike you out in running.
- (1985, February 28). Poor flexibility causes weak link in fitness.
- (1985, February 14). Biomechanics can fine tune athlete's performance.
- (1985, January 10). Take a swing at preventing injury in racquetball.
- (1984, December 20). Exercise your holiday cheer and get rid of the blues.
- (1984, November 29). Get on the ball -- wear eye protectors for racquetball.
- (1984, October 18). Tune-up your running mechanics.
- (1984, October 11). Buying running shoes? Don't race your selection.

Grants

Callahan, J. & Vaughn, R.E. (2007). Idaho SySTEMic Solution. Department of Education grant, funded in the amount of \$195,000.

Sabick, M.B., Vaughn, R.E., Pfeiffer, R.P., DeBeliso, M., Harris, C., McChesney, J. & Shea, K.G. (2003). Upgrade of Vicon Motion Capture System for High-Speed 3-D Motion Analysis in Biomechanical Research. EPSCoR grant, funded in the amount of \$35,000.

Sabick, M.B., Gardner, J.F., Vaughn, R. E. & Pfeiffer, R.P. & Shea, K.G. (2002). Upgrade of Motion Capture System for High-Speed 3-D Motion Analysis for Biomechanical Research. EPSCoR grant, funded in the amount of \$35,000.

Fahleson, G. A., Vaughn, R. E., Kozar, B. & Harris, C. (1995). Effects of practice with the AccuSwing device. Funded by Dan Good Mfg., Fullerton, CA in the amount of \$2,970.

Vaughn, R. E. (1994). Scientific services project: Biomechanical analysis of men's and

women's high jump finals at the 1994 collegiate national championships (NCAA). Funded by USA Track & Field/US Olympic Committee in the amount of \$500.

Dapena, J. & Vaughn, R. E. (1993). Scientific services project: Biomechanical analysis of the finalists in the men's high jump at the 1993 USATF Championships. Funded by USA Track and Field in the amount of \$4,500.

Kozar, B., Vaughn, R. E., Whitfield, K. E., Lord, R. H., & Dye, B. (1992). A study to determine changes in free-throw importance as a basketball game proceeds. Funded by the National Association of Basketball Coaches in the amount of \$1,000.

Schorzman, A., Potter, G., & Vaughn, R. E. (1991). National Youth Sport Program. Funded by the NCAA in the amount of \$40,000.

Vaughn, R. E. (1990). Forces at the knee joint during pivoting maneuvers: A pilot project. A faculty research grant funded by the Boise State University Research Center in the amount of \$1,500.

Kozar, B. & Vaughn, R. E. (1990). The relationship between attentional style, anxiety level, and the kinematics of free-throw shooting. A faculty research grant funded by the Boise State University Research Center in the amount of \$1,560.

Vaughn, R. E. (1985). Development of a data acquisition system to interface with an in-house force platform. A faculty research grant funded by the Boise State University Research Center in the amount of \$1,432.

Unpublished Research

Vaughn, R. E. (1990). The trajectories of tennis balls: Implications for player positioning. Report submitted to D. Stotland, patent holder of the Tennis Gauge.

Vaughn, R. E. (1990). Validation of a mathematical model of the bounce of tennis balls. Manuscript submitted to International Journal of Biomechanics in Sport.

Vaughn, R. E. (1990). The aerodynamics of tennis balls. Manuscript submitted to Research Quarterly.

Vaughn, R. E. (1982). The relationship of selected kinematic and anthropometric measures to throwing velocity of baseball pitchers. Unpublished doctoral dissertation, Washington State University.

Vaughn, R. E. (1969). The relationship of certain variables to success in batting. Unpublished master's thesis, Washington State University.

Professional Presentations

- Boothe, D. & Vaughn, R.E. (2008, October). Actively Engaging English Language Learners through Physical Activity and Problem Based Learning. Presented at the 6th International Conference of ANUPI, Puerto Vallarta, Mexico.
- Vaughn, R.E., Lord, R., Lord, D., Larsen, B. & Kozar, B. (2004, April). Physical Education in the Science Classroom. Presented at the AAHPERD National Convention, New Orleans, LA.
- Vaughn, R. E. and Ostarello, J. (2003, October). Biomechanics: We Have Standards and Suggested Contents. Do We Have It Right? Facilitated at the Western Western College Physical Education Society conference, Reno, NV.
- Vaughn, R. E. (2003, July). Strategic Planning: Why, What and How. Presented at the College and University Administrators Council Summer Leadership Conference, Falmouth, MA.
- Vaughn, R.E., Lord, D., Larsen, B., Lord, R., & Kozar, B. (2003, February). Physical Education as a Key to Better Science Teaching. Presented at the Northwest/Southwest District AAHPERD convention, Reno, NV.
- Kim, C., Kozar, B., Vaughn, R.E. & Button, S.G. (2002, October). Performance Relationship Between Parents and their Offspring on a Rapid Tapping Task. Presented at the Western College Physical Education Society conference, Reno, NV.
- Vaughn, R. E. (2000, October). Can We Rebuild the Inner City – Is Interdisciplinary Cooperation Possible? Facilitated at the Western College Physical Education Society conference, Reno, NV.
- Vaughn, R. E. (1999, July). Faculty Evaluation and Pay for Performance. Presented at the College and University Administrators Council summer conference, Monterey, CA.
- Kjorstad, R., Hoeger, W., Harris, C. & Vaughn, R. E. (1998, June). Validity of two field tests of abdominal strength and endurance. Presented at the American College of Sports Medicine National Conference, Seattle, WA.
- Fahleson, G. A., Vaughn, R. E., Kozar, B., & Harris, C. (1997, April). Improving golf performance with the AccuSwing practice device. Presented at the AAHPERD National Convention, St. Louis, MO.

Kozar, B. and Vaughn, R. E. (1995, October). The INS and OUTS of Free Throws. Presented at the IAHPERD Conference, Albertson College of Idaho.

Whitehead, R., Butz, Kozar, B. & Vaughn, R. E. (1995, April). Performance Under Stress: An Application of Gray's Model to Basketball Free-Throw Shooting. Presented at the 65th Annual Rocky Mountain Psychological Association Convention, Denver, CO.

Vaughn, R. E. & Kozar, B. (April, 1994). Error tendencies of skilled free-throw shooters. Presented at the AAHPERD National Convention, Denver, CO.

Vaughn, R. E. & Kozar, B. (June, 1993). Intra-individual variability for basketball free-throws. Presented at the XIth International Symposium of Biomechanics in Sports, Amherst, MA.

Kozar, B., Vaughn, R.E., Lord, R.H., and Whitfield, K.E. (February, 1993). The importance of free-throws during the last five minutes of basketball games. Presented at the Northwest/Southwest District AAHPERD convention, Reno, NV.

Vaughn, R. E. & Kozar, B. (October, 1992). Physical education: Is it academic or non-academic? What should we communicate? Facilitated at the Western College Physical Education Society, Reno, NV.

Kozar, B., Vaughn, R.E., Lord, R.H., Whitfield, K.E., and Mechikoff, R.A. (March, 1992). Basketball free-throws: Do the statistics support coaches' perceptions, strategies, and practice methods? Presented at the Northwest District AAHPERD convention, LaGrande, OR.

Vaughn, R. E. (October, 1989). Making "soft money" through youth and other school and community programs. Presented at the Western College Physical Education Society, Reno, NV.

Vaughn, R. E. (April, 1989). Using guided discovery to teach mechanical principles. Presented at the National AAHPERD Convention, Boston, MA.

Vaughn, R. E. (March, 1989). The computer as an instructional aid. Presented at the Northwest District AAHPERD Convention, Boise, ID.

Vaughn, R. E. (July, 1988). Trajectories of tennis balls: Implications for player positioning. Presented at the Sixth International Symposium on Biomechanics in Sports, Bozeman, MT.

Vaughn, R. E. (April, 1988). A mathematical model of the trajectories of tennis balls. Presented at the Idaho Academy of Science Conference, Boise, ID.

Vaughn, R. E. (March, 1988). Player positioning in tennis: Where to play the bounce. Presented at the NW District AAHPERD Convention, Pullman, WA.

- Vaughn, R. E. (October, 1987). Biomechanics: Court positioning in tennis. Presented at the Idaho Association of Health, Physical Education, Recreation and Dance Convention, Boise.
- Vaughn, R. E. (October, 1986). Computer literacy: Why should we be concerned in physical education? Facilitated at the Western College Men's Physical Education Society, Reno, NV.
- Vaughn, R. E. (October, 1985). Hands-on microcomputer session for teachers and coaches. Presented at the Idaho Association of Health, Physical Education, Recreation and Dance Convention, Boise, ID.
- Vaughn, R. E. (June, 1985). A three-dimensional kinematic analysis of overarm baseball pitches. Presented at the International Symposium of Biomechanics in Sports, Greeley, CO.
- Vaughn, R. E. (March, 1985). Biomechanical analysis techniques for the teacher and coach. Presented at the Northwest District AAHPERD Convention, Boise, ID.
- Vaughn, R. E. (October, 1984). Microcomputer applications in physical education. Presented at the Idaho Association for Health, Physical Education, Recreation and Dance Convention, Moscow, ID.
- Vaughn, R. E. (October, 1983). What research tells the coach about skill analysis. Presented at the Idaho Association for Health, Physical Education, Recreation and Dance Convention, Boise, ID.
- Vaughn, R. E. (October, 1983). Biomechanics of the overarm throw. Presented at the Idaho Association for Health, Physical Education, Recreation and Dance Convention, Boise, ID.
- Vaughn, R. E. (August, 1983). An algorithm for determining arm action during overarm baseball pitches. Presented at the International Society of Biomechanics Congress, Waterloo, Ontario, Canada.
- Vaughn, R. E. (October, 1981). Human Performance Laboratory Open House. Presented at the Idaho Association for Health, Physical Education, Recreation and Dance Convention, Boise, ID.

Service Presentations

- Vaughn, R. E. (August, 1988). Computer-aided instruction. Presented at the Boise State University Faculty Development Workshops, Boise, ID.
- Vaughn, R. E. (March, 1988). Teaching fundamental skills to young baseball players. Presented at the Youth Sports Symposium, Boise, ID.

Vaughn, R. E. (April, 1988). Basics of Umpiring. Presented at the Meridian Babe Ruth Baseball Coaches and Umpires Clinic, Meridian, ID.

Vaughn, R. E. (April, 1988). Coaching Hitters. Presented at the Meridian Babe Ruth Baseball Coaches and Umpires Clinic, Meridian, ID.

Vaughn, R. E. (March 1987). Proper Throwing, Pitching and Hitting Techniques. Presented at the Ada County Little League Baseball Coaches Clinic, Boise, ID.

Vaughn, R. E. (October, 1984). Proper running technique: Videotape session. Presented at the Boise State University Faculty-Staff Running Clinic, Boise, ID.

Vaughn, R. E. (October, 1984). Golf swing analysis. Presented at the Boise State University Faculty-Staff Golf Swing Analysis clinic, Boise, ID.

Vaughn, R. E. (September, 1983). Running mechanics and shoe selection. Videotape analysis of running technique. Presented at the Boise State University Faculty-Staff Running Clinic, Boise, ID.

Vaughn, R. E. (September, 1983). Videotape analysis of running technique. Presented at the Boise State University Faculty-Staff Running Clinic, Boise, ID.

Vaughn, R. E. (September, 1982). Videotape analysis of running technique. Presented at the Boise State University Faculty-Staff Running Clinic, Boise, ID.

Vaughn, R. E. (January, 1982). Biomechanics of Weightlifting. Presented at the Workshop on Strength-Power Training for Athletics, Boise, ID.

Vaughn, R. E. (June, 1981). Utilizing biomechanical principles in coaching gymnastics. Presented at the Techniques of Coaching and Judging Women's Gymnastics Workshop, Boise, ID.

Vaughn, R. E. (January, 1979). Mental approach to hitting. Presented at the Workshop on Technique Analysis and Coaching Methods for Baseball, Boise, ID.

Vaughn, R. E. (January, 1979). Team defensive and offensive strategies. Presented at the Workshop on Technique Analysis and Coaching Methods for Baseball, Boise, ID.

Vaughn, R. E. (August, 1977). Pitching. Presented at the Idaho State Coaches Clinic, Boise, ID.

Vaughn, R. E. (August, 1977). Team Offense. Presented at the Idaho State Coaches Clinic,

Boise, ID.

Vaughn, R. E. (August, 1977). Team defense. Presented at the Idaho State Coaches Clinic, Boise, ID.

Vaughn, R. E. (February, 1976). Hitting. Presented at the Idaho State Coaches and Umpires Clinic, Boise, ID.

Vaughn, R. E. (January, 1976). Organizing an intramural and recreation program. Presented at Northwest Nazarene College, Nampa, ID.

Professional Memberships

American Alliance for Health, Physical Education, Recreation and Dance
American Association of Colleges for Teacher Education
American Association of University Professors
College and University Administrators Council
Idaho Association for Health, Physical Education, Recreation and Dance
International Society of Biomechanics
International Society of Biomechanics in Sports
National Association of Physical Education in Higher Education
Western College Physical Education Society

SERVICE

Professional Service and Consulting

Western College Physical Education Society, Past-President, 2003-2004, President, 2002-2003; President-elect and conference manager, 2001-2002.

American Alliance for Health, Physical Education, Recreation and Dance (1990-present).
Reviewer for the Journal of Physical Education, Recreation and Dance.

Northwest American College of Sports Medicine (2003). Reviewed abstracts for the program of the 2003 NWACSM Conference.

McGraw Hill (2001). Reviewed textbook *Basic Biomechanics, 3rd edition*.

Allyn & Bacon (2000). Reviewed textbook, The Application of Biomechanics in Analyzing Human Movement: A Lab Manual.

Allyn & Bacon, Simon & Schuster Education Group (1993). Reviewed proposal for the textbook Human Biomechanics.

Merrill, Macmillan Publishing Company (1993). Reviewed textbook revision plan for Biomechanics: A qualitative approach for studying human movement.

Bruce Bistline & David Nevin, Attorneys (1990). Developed a sprint running curve for a 4-year-old child for a court case.

Wm. C. Brown Company, Publishers (1989). Reviewed textbook, Microcomputer Applications in Health.

Mark, Inc. (1989). Advisory panel on the development of a new three-dimensional hydraulic exercise device.

Times Mirror Mosby, College Publishing (1987). Reviewed textbook, Basic biomechanics: A problem-solving approach.

Donald W. Lojek, Attorney (1986). Expert witness in court case involving head injury and protective helmets.

Donald W. Lojek, Attorney (1985). Expert witness in court case involving the mechanics of ski bindings and injury mechanisms in skiing.

Elks Rehabilitation Hospital (1984). Mechanical analysis and corrective procedures for running and walking.

Wm. C. Brown Company, Publishers (1981). Reviewed textbook, Biomechanic Analysis of sport.

Boise Police Department (1976). Development of a pre-hire physical fitness test.

University Service

Member, Academic Appeals Committee, 2006-present

Member, Special Admissions Committee 2005-present

Member, University Research and Clinical Policy Review Committee, 2003-2005

Member, Student Recreation Center Governing Board, 1999-2003

Member, Conference Services Efficiencies Task Force, 1999-2003

Member, Pavilion Advisory Committee, 1994-2003

Advisor, BSU Baseball Club, 1980-2005

Member, University Faculty Financial Affairs Committee, 2000-2002

Member, Pavilion Beer/Wine Task Force, 1999-2000

Chair, University Faculty Salary and Fringe Benefits Committee, 1987-91, 1993-97, 1999-2000

Member, University Scheduling Initiative Task Force, 1998-99
Member, Student Recreation Center Planning Team, 1998-99
Chair, University Summer School Task Force, 1997-99
Member, Shared Leadership Institute, 1997-98.
Chair, University Task Force to rewrite policy on harassment, 1996-97
Member, University Executive Budget Committee, 1993-97
Member, Search Committee for Dean of Continuing Education, 1995
Member, Research/Creative Activities Bricker Award Committee, 1992-93
Member, University Ad-hoc Committee on Salary Equity, 1991-92
Member, University Faculty Senate, 1989-91
Member, University Fiscal Priorities Committee, 1977-78, 1988-1991
Member, Academic Computer Users Committee, 1989-1991
Member, University Human Performance and Wellness Alliance, 1984-86
Chair, University Fringe Benefits Committee, 1984-85
Coordinator, Athletic Grants-in-aid, 1981-83
Member, University Financial Aids Committee, 1981-83
Advisor, ASBSU Recreation Board, 1973-81
Chair, University Ad Hoc Committee for Legislative Consultant, 1978-79
Member, University Faculty Salary Committee, 1976-79
Member, University Faculty Senate Ad Hoc Legislative Committee, 1977-78
Chair, University Faculty Salary Committee, 1977-78
Member, University Faculty Welfare Committee, 1975-76

College Service

Chair, Curriculum Committee, 2003-present
Chair, Graduate Program Coordinating Council, 2003-present
Chair, Salary Equity Committee, 2003-present
Member, Teacher Education Coordinating Council, 2003-present
Chair, OCSPFE Director Search Committee, 2003-2004
Chair, Dean Evaluation Committee, 1995, 1996, 1999, 2003
Member, EESS Chair Search Committee, 2002-2003
Member, Dean Evaluation Committee, 1982-83, 1987-88, 2002
Member, Gender Equity Committee, 1994-95
Member, Strategic Planning Committee, 1991-93
Member, Dean Search Committee, 1991
Chair, Salary Policy Committee, 1989-90
Member, Curriculum Committee, 1983-87
Member, Screening Committee for Associate Dean, 1984
Member, Promotion Tenure Committee, 1977-78, 1980-81

Department Service

Internship Coordinator, 1996-2003
Member, Athletic Training Education Program Advisory Committee, 1995-present
Member, Graduate Committee, 1987-present
Library Representative, 1985-97.
Member, Faculty Evaluation Committee, 1992-93
Chair, Search Committee for IM/REC Director, 1992
Member, Intramural/Recreation Board, 1987-92
Member, Department Advisory Committee, 1989-1991
Chair, Department Executive Committee, 1988-89
Chair, Graduate Program Committee, 1986-87
Member, Curriculum Review Committee, 1985-86
Chair, Search Committee, Chair position, 1985
Chair, Search Committee, Exercise Physiology Position, 1980
Member, Graduate Program Committee, 1979-83
Member, Curriculum Committee, 1978-81
Chair, Faculty Workload Committee, 1976-77

Community & Other Service

Member, College of Technology Applied Science Advisory Committee, 2003-present
Graduate Faculty Representative, Idaho State University, 1996-2003
Member, Biomedical/Sports Research Consortium, 2000-2003
Member, Planning Committee, Appleton Tennis Center, 1998-2002
Ex-officio Member, AMAS Executive Committee & Community Advisory Com, 1995-97
President, Idaho Conference of the AAUP, 1993-95
President, BSU Chapter of the AAUP, 1992-93

HONORS

Coach for a Game, BSU vs. North Texas, February 15, 1997
College of Education Award for Outstanding Service, 1995
College of Education Award for Distinguished Teaching, 1989