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EDUCATION

Castleton State College, 1976. Bachelor of Science in Physical Education awarded with Great Distinction (K-12 Teacher Certification)

Indiana State University, 1977. Master of Arts (Thesis Option) in Physical Education with Specialization in Athletic Training (NATA Approved Graduate Curriculum)

University of Pittsburgh, 1985. Doctor of Philosophy in Exercise Physiology

PROFESSIONAL POSITIONS

Indiana State University, 1976 to 1977

Graduate Teaching Assistant, Department of Physical Education, Head Athletic Trainer, North Vigo High School

University of Pittsburgh, 1977 to 1978

Clinical Instructor and Athletic Trainer, School of Education

Castleton State College, 1978 to 1979

Instructor, Department of Physical Education, Head Athletic Trainer

University of Pittsburgh, 1979 to 1986

Program Director, NATA Approved Undergraduate Athletic Training Curriculum, Instructor (1979-1983), Assistant Professor (1983-1986) (Non-Tenure Track), School of Education, Athletic Trainer (1979-1983), Head Athletic Trainer (1983-1986)

University of Virginia, 1986 to 2001

Chair, Department of Human Services and Joe Gieck Professor of Sports Medicine, Curry School of Education, 1999-2001; Director, Program Area in Health and Physical Education, Department of Human Services, 1995-1999; Professor, 1996-2001; Associate Professor, 1991-1996; Assistant Professor, 1986-1991
Director, MEd athletic training program (NATA Accredited) and doctoral sports medicine program, 1986-2001; Founder and Director, Sports Medicine/Athletic Training Research Laboratory, 1986-1999
Visiting Professor, Curry School of Education, 2001-2003

University of North Carolina at Greensboro, 2001 to 2014

Dean, School of Health and Human Performance, 2001-2007; Professor, Department of Kinesiology, 2001- ;
Provost and Vice Chancellor for Academic Affairs, 2007-2009; Provost and Executive Vice Chancellor, 2010 (January)-2014; Provost and Executive Vice Chancellor and Professor of Kinesiology Emeritus, 2014-

University of Utah, 2014 to Present

Dean and Professor, College of Health (2014-2022); Professor of Physical Therapy and Athletic Training (.25 phased retirement appointment), University of Utah, 2022-

SCHOLARSHIP

Google Scholar: <https://scholar.google.com/citations?user=IHAQaYsAAAAJ&hl=en>

Citations – 13536

h-index – 59

i10-index - 121

Publications in Refereed Journals

Perrin, D.H. (1978). A comparison of two methods of developing quadriceps muscle strength. Orthopedic/Sports Medicine, 4(4), 4-6.

Perrin, D.H. & Benson, C. (1983). Pre-season program important in preventing neck injuries. The First Aider, 52,(5), 6-7.

Perrin, D.H. (1986). Reliability of isokinetic measures. Athletic Training, 21, 319-321.

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Perrin, D.H. & Lephart, S.M. (1988). Role of the athletic training curriculum director as educator and clinician. Athletic Training, 23, 41-43.

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Perrin, D.H., Lephart, S.M., & Weltman, A. (1989). Specificity of training on computer obtained isokinetic measures. Journal of Orthopedic and Sports Physical Therapy, 10, 495-498.

Pawlowski, D., & Perrin, D.H. (1989). Relationship between shoulder and elbow isokinetic peak torque, torque acceleration energy, average power, and total work and throwing velocity in intercollegiate pitchers. Athletic Training, 24, 129-132.

Denegar, C.D., Perrin, D.H., Rogol, A. & Rutt, R. (1989). The influence of transcutaneous electrical nerve stimulation on pain, range of motion, and serum cortisol concentration in females experiencing delayed onset muscle soreness. Journal of Orthopedic and Sports Physical Therapy, 11, 100-103.

Worrell, T., Perrin, D.H., & Denegar, C.R. (1989). The influence of hip position on quadricep and hamstring peak torque and reciprocal muscle group values. Journal of Orthopedic and Sports Physical Therapy, 11, 104-107.

Fujiwara, L.M., Perrin, D.H., & Buxton, B.P. (1990). Effect of lateral knee bracing on speed and agility in experienced and non-experienced wearers. Athletic Training, 25, 160-161.

Worrell, T.W., Denegar, C.R., Armstrong, S.L., & Perrin, D.H. (1990). Effect of body position on hamstring muscle group average torque. Journal of Orthopedic and Sports Physical Therapy, 11, 449-452.

Oziomek, R.S., Perrin, D.H., Herold, D.A., & Denegar, C.R. (1991). Effect of phonophoresis on serum salicylate levels. Medicine and Science in Sports and Exercise, 23, 397-401.

Worrell, T.W., Perrin, D.H., Gansneder, B.M., & Gieck, J.H. (1991). Comparison of isokinetic strength and flexibility measures between hamstring injured and non-injured athletes. Journal of Orthopedic and Sports Physical Therapy, 13, 118-125.

Lephart, S.M., Perrin, D.H., Minger, K., & Fu, F. (1991). Functional performance tests for the anterior cruciate ligament insufficient athlete. Athletic Training 26, 44-50.

Tis, L.L., Perrin, D.H., & Weltman, A. (1991). Isokinetic strength of the trunk and hip musculature in female runners. Isokinetics and Exercise Science, 1, 22-25.

Perrin, D. H., Haskvitz, E. M., & Weltman, A. (1991). Effect of gravity correction on isokinetic average force of the quadriceps and hamstring muscle group in women runners. Isokinetics and Exercise Science, 1, 99-102.

Anderson, M.A., Gieck, J.H., Perrin, D.H., Weltman, A., Rutt, R., & Denegar, C. (1991). The relationship among isometric, isotonic, and isokinetic concentric and eccentric quadriceps and hamstring force and three components of athletic performance. Journal of Orthopaedic and Sports Physical Therapy, 14, 114-120.

Hellwig, E.V. & Perrin, D.H. (1991). A comparison of two positions for assessing shoulder rotator peak torque: the traditional frontal plane versus the plane of the scapula. Isokinetics and Exercise Science, 1, 1-5.

McLaughlin, K.M., & Perrin, D.H. (1991). Reliability of KT1000 knee arthrometer measures obtained at three knee joint positions. Athletic Training, 26, 354-356.

Haynes, S.C. & Perrin, D.H. (1992). Effect of a counterirritant on pain and restricted range of motion associated with delayed onset muscle soreness. Journal of Sport Rehabilitation, 1, 13-18.

Perrin, D.H., Hellwig, E.V., Tis, L.L., & Shenk, B.S. (1992). Effect of gravity correction on shoulder average force and reciprocal muscle group ratios. Isokinetics and Exercise Science, 2, 30-33.

Hall, G.L., Hetzler, R.K., Perrin, D.H., & Weltman, A. (1992). Relationship of sit-up tests to abdominal strength. Research Quarterly for Exercise and Sport, 63, 80-84

Reynolds, N.L., Worrell, T.W., & Perrin, D.H. (1992). Effect of a lateral step-up exercise on isokinetic strength of the quadriceps and hamstring muscle group. Journal of Orthopaedic and Sports Physical Therapy, 15, 151-155.

Buxton, B.P. & Perrin, D.H. (1992). The Relationship Between Personality Characteristics and Acute Pain Response in Postadolescent Males. Journal of Sport Rehabilitation, 1, 111-120.

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Lephart, S.M., Perrin, D.H., Fu, F., Gieck, J.H., McCue, F.C., & Irrgang, J.J. (1992). Relationship between selected physical characteristics and functional capacity in the anterior cruciate insufficient athlete. Journal of Orthopaedic and Sports Physical Therapy, 16, 174-181.

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Perrin, D.H., Tis, L.L., Hellwig, E.V., & Shenk, B.S. (1993). Relationship between isokinetic average force, peak force, average torque, and peak torque of the shoulder internal and external rotator muscle groups. Isokinetics and Exercise Science, 3, 85-87.

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Arnold, B.A., Perrin, D.H., & Hellwig, E.V. (1993). The reliability of three isokinetic knee extension angle specific torques. Journal of Athletic Training, 28: 227-229.

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Sailors, M.E., Keskula, D.R., & Perrin, D.H. (1995). Effect of running on anterior knee laxity in collegiate-level female athletes after ACL reconstruction. Journal of Orthopedic and Sports Physical Therapy, 21, 233-239.

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Webright, W.G., Randolph, B.J., & Perrin, D.H. (1997). Comparison of modified neural slump and static stretch techniques on hamstring flexibility. Journal of Orthopedic and Sports Physical Therapy, 26:7-13.

Bernier, J.N., Perrin, D.H., & Rijke, A.M. (1997). Effect of unilateral functional instability of the ankle on inversion and eversion strength and postural sway. Journal of Athletic Training, 32: 226-232.

Guskiewicz, K.M., Riemann, B.L., Perrin, D.H., Nashner, L.M. (1997). Alternative approaches to the assessment of mild head injury in athletes. Medicine and Science in Sports and Exercise, 29:S213-S221.

DeStaso, J., Kaminski, T.W., Perrin, D.H. (1997). Relationship between drop vertical jump heights and isokinetic measures utilizing the stretch-shortening cycle. Isokinetics and Exercise Science, 6:175-179.

Higgins, M.J., Perrin, D.H. (1997). Comparison of weight bearing and non-weight bearing conditions on knee joint reposition sense. Journal of Sport Rehabilitation, 6:327-334.

Romani, W., Perrin, D.H., Whiteley, T. (1997). Tarsal tunnel syndrome: a case study of a male collegiate athlete. Journal of Sport Rehabilitation, 6:364-370.

Bernier, J.N., & Perrin, D.H. (1998). Effect of coordination training on proprioception of the functionally unstable ankle. Journal of Orthopedic and Sports Physical Therapy, 27:264-275.

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Baker, A.G., Webright, W.G., Perrin, D.H. (1998). Effect of a "T-band" kick training protocol on postural sway. Journal of Sport Rehabilitation, 7:122-127.

Webright, W.G., Perrin, D.H., Gansneder, B.M. (1998). Effect of trunk position on anterior tibial displacement measured by the KT-1000 in uninjured subjects. Journal of Athletic Training, 33:233-237.

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- Shultz, S.J., Carcia, C.R., Perrin, D.H. (2001). Performance consistency of response time following a lower extremity functional perturbation. Medicine and Science in Sports & Exercise.
- Carcia, C.R., Shultz, S.J., Perrin, D.H. (2001). Neuromuscular recruitment at the knee following a functional perturbation at three knee angles. Medicine and Science in Sports & Exercise. 33:S89
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- Shultz S.J., Sander T.C., Carcia C.R., Perrin D.H. (2002). Knee arthrometer measurement consistency of slope and displacement as calculated by software that replaces radiography. Medicine and Science in Sports and Exercise
- Sander T.C., Shultz S.J., Carcia C.R., Perrin D.H. (2002). Knee arthrometer measurement stability of anterior displacement and ligament compliance across repeated trials. Medicine and Science in Sports and Exercise
- Perrin D.H., Shultz S.J., Sander T.C., Carcia C.R. (2002). Reliability of ligament compliance and tibial displacement measures obtained from two knee arthrometers. Medicine and Science in Sports Exercise. 34:S147
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- Valovich T.C., Perrin D.H., Guskiewicz K.M., Diamond R., Shultz S.J., Gansneder B.M. (2003). Test-retest Reliability and Reliable Change Index Scores of the Standardized Assessment of Concussion and Balance Error Scoring System in Young Athletes. Journal of Athletic Training

Schmitz R.J., Gale M.J., Perrin D.H., Watson M.A., Riemann B.L. (2003) Gender Differences in Lower Extremity Biomechanics during Single Leg Landings. Journal of Athletic Training

Drouin J.M., Arnold B.L., Gansneder B.M., Shultz S.J., Perrin, D.H. (2003). The Relationship Between Muscular Amplitude During a Stepping Task and Subjectively Reported Ankle Instability. Journal of Athletic Training (In Press)

Shultz S.J., Perrin D.H., Sander T.C., Kirk S.E. (2003). Knee Laxity But Not Compliance Increases Across The Menstrual Cycle. Medicine Science in Sports & Exercise

Carcia C.R., Shultz S.J., Granata K.P., Gansneder B.M., Perrin D.H. (2003). Controlled Anterior Loading Does Not Affect Knee Joint Behavior Across The Menstrual Cycle. Journal of Athletic Training

Kulas AS, Windley TC, Schmitz RJ, Perrin DH, Shultz SJ. (2004). Sex Differences in Neuromuscular Responses to Knee Extension Perturbations as Evidenced by Reflex Timing, Amplitude and Knee Extension Moments. Journal of Athletic Training 39:S16

Perrin DH, Kirk SE, Sander TC, Shultz SJ. (2004). Minimum Serum Hormone Levels at Menses Predict the Magnitude of Change in Knee Joint Laxity Across the Menstrual Cycle. Journal of Athletic Training 39:S13

Sander TC, Gansneder BM, Bunker LK, Gaesser GA, Saliba EN, Perrin DH, Shultz SJ. (2004). Females Utilize Quadriceps Dominant Landing Strategies That Increase Knee Shear Forces and Internal Extension Moments. Journal of Athletic Training 39:S110

Schmitz RJ, Shultz SJ, Kulas AS, Windley TC, Perrin DH. (2004). Between-Day 3D Kinematic Measurement Consistency during Lower Extremity Perturbations. Journal of Athletic Training 39:S116

Martin NMG, Sanderson HL, Schmitz RJ, Perrin DH, Shultz SJ, Watson MA. (2004). Functional Fatigue Decreases Leg Spring Stiffness During Drop Landings. Journal of Athletic Training. 39:S113

Shultz SJ, Windley TC, Kulas AS, Schmitz RJ, Valovich- McLeod TC, Perrin DH. (2004). Within and Between Test Measurement Consistency Obtained From a Custom Reflex Testing Device. Journal of Athletic Training. 39:S116

Windley TC, Kulas AS, Shultz SJ, Perrin DH, Schmitz RJ. (2004). Navicular Drop Predicts Transverse Plane Knee Moments in a Single-Leg Weight-Bearing Perturbation. Journal of Athletic Training. 39:S30

Shultz SJ, ML Johnson, SE Kirk, TC Sander, DH Perrin. Sex Hormones Explain More Of The Variance In Anterior Knee Laxity Across The Menstrual Cycle When A Time Delay Is Considered. Medicine and Science in Sports and Exercise. 2004; 36(5):S36

Perrin DH, SE Kirk, TC Sander, SJ Shultz. (2004). Sex Differences In Knee Joint Laxity Change Across The Female Menstrual Cycle. Medicine and Science in Sports and Exercise. 36:S151

Kulas TS, RJ Schmitz, TC Windley, SJ Shultz, DH Perrin. (2004). Pilot Investigation: Sex specific effects of abdominal maneuvers on lower extremity energetics during landings. Medicine and Science in Sports and Exercise. 2004; 36(5):S230

Windley TC, Kulas AS, Schmitz RJ, Perrin DH, Shultz SJ. (2004). Tibiofemoral Angle, Not Q-angle, is Related to Frontal Plane Lower Extremity Kinematics During a Weight-Bearing Perturbation. Medicine and Science in Sports and Exercise. 36:S345-6

Shultz SJ, Shimokochi Y, Nguyen A, Ambegaonkar JP, Schmitz RJ, Beynnon BD, Perrin DH. (2005). Non-Weight Bearing Anterior Knee Laxity is Related to Anterior Tibial Translation During Transition from Non-Weight Bearing to Weight Bearing. *British Journal of Sports Medicine* 39:379. Presented at the 1st World Congress of Sport Injury Prevention; Oslo, Norway – June 2005.

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- Kulas AS, Schmitz RJ, Shultz SJ, Ulm, M, Perrin DH. (2005). Validation of Abdominal Hollowing In Standing Versus 4 Point Kneeling And Prone Positions. Medicine and Science in Sports and Exercise 37:S120
- Shultz SJ, Shimokochi Y, Nguyen A, Schmitz RJ, Beynnon BD, Perrin DH. (2006). Greater Anterior Knee Laxity and General Joint Laxity Predict Greater Varus-Valgus and Rotation Knee Laxity. Medicine and Science in Sports and Exercise 38:S66
- Shultz SJ, Shimokochi Y, Nguyen A, Schmitz RJ, Beynnon BD, Perrin DH. (2006). Females With Greater Anterior Knee Laxity Also Have Greater Varus-Valgus and Internal-External Rotation Knee Laxity. Journal of Athletic Training 41:S65
- Kulas AS, Schmitz RJ, Shultz SJ, Henning JM, Perrin DH. (2006). Sex Differences in Trunk-Pelvis Angle but Not Hip Angle in Landing. Journal of Athletic Training 41:S14
- Shultz SJ, Shimokochi Y., Nguyen A, Ambegaonkar JA, Schmitz RJ, Beynnon BD, Perrin DH. Non-weight Bearing Anterior Knee Laxity is Related to Anterior Tibial Translation During Transition from Non-weight bearing to Weight bearing. ACL Research Retreat, III. ACL Injuries: The Gender Bias. Journal of Orthopaedic and Sports Physical Therapy (*In Press*)
- Schmitz RJ, Kulas AS, Perrin DH, Riemann BL, Shultz SJ. Lower Extremity Energetics Differ by Sex During Single Leg Landings. ACL Research Retreat, III. ACL Injuries: The Gender Bias. Journal of Orthopaedic and Sports Physical Therapy (*In Press*)
- Windley TC, Schmitz RJ, Gross MT, Luecht RM, Perrin DH, Shultz SJ. (2006). Hamstrings Pre-Landing Activation Predicts Sagittal Plane Knee Joint Kinetics During a Single-leg Landing in Females. Journal of Orthopaedic and Sports Physical Therapy. 36:A71.
- Ambegaonkar JP, Shultz SJ, Perrin DH, Schmitz RJ, Ackerman TA, Schulz MR. (2007). Ground Reaction Forces, but not Knee Muscle Activation, or Sagittal Knee Joint Stiffness Differ between Female Dancers and Basketball Players during Drop Jumps. Journal of Athletic Training. 42(2):S-90
- Schmitz RJ, Ficklin TK, Shultz SJ, Shimokochi Y, Nguyen A, Perrin DH, Beynnon BD. (2007). Varus/Valgus and Internal/External Torsional Knee Joint Stiffness differs between Sexes. Journal of Athletic Training 42(2):S-86
- Shimokochi Y, Schmitz RJ, Perrin DH, Goldfarb AH, Luecht RM, Shultz SJ. (2007). Rearfoot Eversion and Tibialis Anterior Muscle Fatigue Are Not Associated with Knee Internal Rotation during a Single-Leg Forward Jump Stop. Medicine and Science in Sport and Exercise 39(5): S-79
- Nguyen AD, Perrin DH, Schmitz RJ, Shultz SJ. (In Press). Single Leg Squat as a Functional Assessment of Hip Strength. Journal of Athletic Training
- Smith K, Schmitz RJ, Perrin DH, Shultz SJ. (In Press). Relationships Between Types and Dosages of Oral Contraceptives and Joint Laxity. Journal of Athletic Training
- Shultz SJ, Nguyen AD, Perrin DH. A Comparison of Cyclic Variations in Anterior Knee Laxity, Genu Recurvatum and General Joint Laxity Across the Female Menstrual Cycle. *Orthopaedic Research Society Transactions*. Paper #190 Vol.33, San Francisco, CA, 2008
- Shultz SJ, Nguyen AD, Levine BJ, Perrin DJ. (In Press). Lower Extremity Posture is Related to Anterior Knee Laxity. Medicine and Science in Sport and Exercise

Book Reviews

"Sports & Exercise Injuries: Conventional, Homeopathic and Alternative Treatments" - Medicine and Science in Sports and Exercise, 25: 165, 1993

"Guidelines for Professional Practice in Athletic Training" - Medicine and Science in Sports and Exercise, 26: 804-805, 1994

Videotapes

Sport Taping Basics, Upper Body and Lower Body, Human Kinetics, 1996, 2nd Edition 2006

Grants/External Funding

Funded Proposals

Pennsylvania Department of Health, \$2,995, to Conduct a Conditioning for Sports Conference for Interscholastic Coaches, 1984

Graduate Athletic Training Curriculum, University of Virginia. Approximately \$120,000 - \$140,000 annually from a Combination of Internal (Athletics) and External (Affiliated Clinical Settings) Sources for Graduate Student Assistantship Support, 1988 - 2001

Perrin, D.H., Kahler, D.M. (Co-PIs). \$21,300 Pfizer Pharmaceuticals. A double-blind, parallel multi-center study to determine the efficacy and safety of Q.I.D. topical piroxicam gel compared with placebo in acute lateral epicondylitis, 1991-1993

Guskiewicz, K.M., Perrin, D.H. (Co-PIs). \$15,000 (UVa) and \$10,000 (UNC) from the National Athletic Trainers' Association Research and Education Foundation - Effect of Mild Head Injury on Cognition and Postural Stability, 1995-1998

Shultz, S.J., Perrin, D.H. (Co-PIs). \$18,281 from the National Athletic Trainers' Association Research and Education Foundation - Neuromuscular response characteristics in males and females following perturbation of the knee, 1997-1998

Romani, W.A., Perrin, D.H. (Co-PIs). \$8,700 from the National Athletic Trainers' Association Research and Education Foundation - Efficacy of continuous ultrasound in the diagnosis of tibial stress fractures, 1997-1998

Carey, R.M. (PI). General Clinical Research Center Grant, \$3,573,000 in direct costs annually. National Institutes of Health #MO1 RR 00847-27; D.H. Perrin, Director GCRC Strength & Balance Laboratory (15% of annual salary), 1995-2000

Shultz, S.J., Perrin, D.H. (Co-PIs). Effect of limb alignment on neuromuscular response characteristics at the knee. \$35,207 from the National Athletic Trainers' Association Research and Education Foundation, 2000-2001

Perrin, D.H., Shultz, S.J., Rijke, A.M., Kirk, S.E., Arnold, B.L., Granata, K.P., Gansneder, B.M., \$222,000 N.I.H. (1 RO3 AR47178-01) - Gender, hormones & anterior cruciate ligament compliance, 2000-2003

Carey, R.M. (PI). General Clinical Research Center Grant, \$3,850,701 in direct costs annually. National Institutes of Health #MO1 RR 00847-28; D.H. Perrin, Director GCRC Strength & Balance Laboratory (15% of annual salary), 2000-2001

Guskiewicz, K.M. (PI), Perrin, D.H., Mueller, F.O., McCrea, M., Smith, B.W., Marshall, S.W., Hooker, D.N. A prospective study on injury assessment, return to play and outcome following concussion in athletes. \$45,990 from The National Operating Committee on Standards for Athletic Equipment, 1999-2001.

Shultz, S.J., Schmitz, R.J., Perrin, D.H. “Kinematic Analysis of Functional Knee Stability Following a Lower Extremity Perturbation”. \$2,000 from The University of North Carolina at Greensboro Faculty Grant. 2003-2004

Shultz, S.J. and Schmitz, R.J. (Co-PIs), Perrin, D.H. (Co-Investigator). “Kinematic Analysis of Functional Knee Stability Following a Lower Extremity Perturbation” Phase II. \$9,550.00 Direct Costs, University of North Carolina at Greensboro Regular Faculty Grant. 2003-04

Perrin, D.H. (PI). “Increasing Diversity Through Entry-Level Graduate Athletic Training Education” \$1750, Ethnic Diversity Advisory Committee, National Athletic Trainers’ Association, 2003-2005.

Shultz, S.J., Perrin, D.H., Schmitz, R.J., Wideman, L. “Hormone Mediated Knee Laxity and Neuromechanics. \$1,080,664 NIH-National Institute of Arthritis and Musculoskeletal and Skin Diseases (R01). 2006-2008.

Submitted, Not Funded

Granata, K.P., Perrin, D.H., Shultz, S.J., Kirk, S.E., Conaway, M.R., Wilson, S.E., \$609,209 from N.I.H. (R01) - Gender and hormone factors in active muscle stiffness.

Arnold, B.L., Perrin, D.H., Hurwitz, S., Gansneder, B.M., Docherty C. \$218,385 N.I.H (R03) - Force and effort sense deficits in functional ankle instability.

Shultz, S.J.(Sub-Contract PI), Perrin, D.H., Schmitz, R.J. “A Prospective Multi-Center Study of ACL Injury Risk Factors” \$831,611. NIH-National Institute of Arthritis and Musculoskeletal and Skin Diseases (R01). (Principal Investigator; Bruce Beynnon).

Perrin, D.H. (PI), Shultz, S.J. (Co-PI), Schmitz, R.J., Wideman L., Fields, K.B., Kirk, S.E., Beynnon B.D. “Sex, Hormone-Mediated Knee Laxity and Knee Stability” \$1,548,000. NIH-National Institute of Arthritis and Musculoskeletal and Skin Diseases (R01).

TEACHING/CURRICULUM DEVELOPMENT

Indiana State University, Department of Physical Education, 1976-1977

Physical Education Activity Classes

Castleton State College, Department of Physical Education, 1978-1979

Undergraduate Classes

- Basic Athletic Training
- Advanced Athletic Training
- Nutrition
- Evaluation Techniques and Rehabilitation
- Physical Education Major Activity Classes

University of Pittsburgh, School of Education, 1979-1986

Undergraduate Classes

- Applied Anatomy and Kinesiology
- Basic Athletic Training
- Advanced Athletic Training
- Medical Aspects of Athletic Training
- Strength, Conditioning and Rehabilitation
- Administrative Aspects of Athletic Training
- Cadaver Anatomy (Physical Therapy Program)

Developed a 59 credit hour major academic program in undergraduate athletic training education (National Athletic Trainers' Association Approved)

University of Virginia, Curry School of Education, 1986 - 2001

Undergraduate Classes Taught

Human Anatomy
Kinesiology
Advanced Athletic Training

Graduate Classes

Anatomical Basis of Sports Medicine (Cadaver Dissection)
Orthopedic Basis of Athletic Training
Practica in Athletic Training
Research in Athletic Training

University of Indianapolis, Krannert School of Physical Therapy, 1992 - 1998

Graduate Class

Principles of Open and Closed Kinetic Chain Exercise (co-taught)

University of North Carolina at Greensboro, 2003 – 2009

Graduate Class

Management and Professional Issues in Athletic Training (co-taught with S. Shultz and J. Henning)

Undergraduate Class

University Studies 101

University of Utah, 2016 - present

The American Professoriate (For PhD students across the College of Health)

PROFESSIONAL SERVICE

U.S. Department of Health and Human Services

Member, Advisory Committee on Interdisciplinary, Community-Based Linkages of the Health Resources and Services Administration – October 2007 - December 2010. Annual Reports to the Secretary of Health and Human Services and the United States Congress while serving:

Eighth Annual Report: *An Examination of Healthcare Workforce Issues in Rural America*

Ninth Annual Report: *Interprofessional Education and Practice with Implications for Primary Care in Healthcare Reform*

Tenth Annual Report: *Preparing the Interprofessional Workforce to Address Health Behavior Change: Ensuring a High Quality and Cost-Effective Healthcare System*

Eleventh Annual Report: *Continuing Education, Professional Development, and Lifelong Learning for the 21st Century Health Care Workforce*

National Professional Organizations

American Kinesiology Association

Founding Board Member, 2006-2012

National Academy of Kinesiology

President-Elect, 2018-19; President, 2019-20; Past-President, 2020-21

At-Large Executive Committee Member, 2007-2009

Joint Review Committee on Education in Athletic Training, Commission on Accreditation of Allied Health Education Programs

Member and Vice-Chairman - 1991 to 1994

Accreditation Site Visitor - 1993 to present. Accreditation Visits Conducted:

Barry University, 1993
Brigham Young University, 1995
Northeastern University, 1999
San Jose State University, 2001
Lipscomb University, 2002
College of Health Sciences, (Roanoke, VA) 2003

National Athletic Trainers' Association

NATA Research and Education Foundation Board Member – 2008 - 2014

Professional Education Committee Member - 1982 - 1995

Project Director, NATA Approved Education Program Evaluation - 1983 - 1986

Chairman, Sub-Committee on Graduate Athletic Training Education - 1986 - 1995

Liaison Committee Member - 1989 - 1993

Representative to the American College of Sports Medicine

Member, Convention Committee (Clinical Program Sub-Committee Chair, 1995 Annual Meeting and Clinical Symposia), 1993 - 1999

NATA Approved Education Program Evaluation Team Member - 1983 - Present. Evaluations Conducted:

California University of Pennsylvania (Undergraduate), 1983
Ithaca College (Undergraduate), 1983
Northeastern University (Undergraduate), 1983
University of Vermont (Undergraduate), 1984
State University of New York - Cortland (Undergraduate), 1985
Springfield College (Undergraduate), 1985
Bridgewater State College (Undergraduate), 1985
University of Florida (Graduate), 1986
West Chester University (Undergraduate), 1987
Anderson College (Undergraduate), 1987
University of Florida (Graduate), 1988
Western Michigan University (Graduate), 1988

Anderson University (Undergraduate), 1988
 University of South Carolina (Undergraduate), 1989
 Indiana University (Graduate), 1989
 Illinois State University (Graduate), 1990
 University of South Carolina (Undergraduate), 1990
 Temple University (Undergraduate), 1991
 University of Arizona (Graduate), 1992
 Temple University (Graduate), 1993
 University of Illinois (Graduate), 1994
 California University of Pennsylvania (Graduate), 1994
 San Jose State University (Graduate), 1995
 University of Oregon (Graduate), 1997
 Kirksville College of Osteopathic Medicine (Graduate), 1997
 University of Florida (Graduate), 1998

Chairperson, Journal Committee - 1996 - 2004

Educational Degree Task Force - 2005

NATA Board of Certification, Inc.

Certification Eligibility Task Force, 1992-93
 Item Analysis Session, Virginia Beach, VA May 19, 1995
 Task Force on Examination Administration, 1995

NATA Research and Education Foundation

Grant Reviewer, 1996 – 2000
 Member, REF Board, 2008-2015

American College of Sports Medicine

Session Chair, Oral Free Communications - "Athletic Care I", 40th Annual Meeting, Indianapolis, IN, June 3, 1993

Consultant, Hip Injuries Session, American College of Sports Medicine Annual Meeting, Indianapolis, IN, June 1, 1994

Council of Biology Editors

1999 Annual Meeting Program Committee

American Alliance of Health, Physical Education, Recreation and Dance

2001 AAHPERD National Convention, Research Consortium review panel

Regional Professional Organizations

Chairperson, Research Awards Committee, District 3, National Athletic Trainers Association, 1988 to 1992

State Professional Organizations

Commonwealth of Virginia

Member, Committee on Sports Medicine and Fitness, American Academy of Pediatrics, 1988 to 1990

Chairman, Professional Education, Virginia Athletic Trainers Association, 1987 to 1990

Commonwealth of Pennsylvania

Pennsylvania Athletic Trainers Society, Member, Professional Education Committee, 1981 to 1984 (Chairman 1981 to 1982). Member, Honors and Awards Committee, 1985 to 1986, Board Member, Athletic Trainers Advisory Board to State Board of Physical Therapy Examiners, 1985-86

Editorship

Journal of Athletic Training (Editor-in-Chief), 1996 to 2004

Journal of Sport Rehabilitation (Founding Editor), 1990 to 1995

Athletic Therapy Today (Research Digest Column Editor), 1996

"How to read your journals" 1:53-54, 1996

"Keys to choosing a viable research topic" 1:49-50, 1996

"The publication process" 1:35-36, 1996

"Ethics and the research process: part 1" 1:40-41, 1996

"Ethics and the research process: part 2" 1:52-53, 1996

Sports Medicine Reports (Associate Editor), 1999 to present

Editorial Boards

Kinesiology Review (Inaugural Editorial Board Member, 2011 to 2014; Executive Board, 2014 to present)

Medicine & Science in Sports & Exercise, 2001 to 2009

Medicina Sportiva, 1999 to present (International Advisory Board)

Journal of Sport Rehabilitation, 1996 to 1999

Journal of Athletic Training, 1989 to 1996

Journal of Orthopaedic and Sports Physical Therapy, 1990-1994

Isokinetics and Exercise Science, 1990 to present

SportCare & Fitness, 1988-1989

Journal Guest Reviewer

Athletic Training, JNATA, 1987 to 1989

Journal of Orthopaedic and Sports Physical Therapy, 1995, 1996

Strategies, 1988, 1990, 1991

QUEST, 1988

Medicine and Science in Sports and Exercise, 1989, 1993, 1994, 1995, 1996, 1998

International Journal of Sports Medicine, 1991, 1993, 1994

Sports Medicine, 1994

Scandinavian Journal of Medicine & Science in Sports, 1994

Journal of Biomechanics, 1998

Athletic Training Education Journal, 2022

Journal of Electromyography and Kinesiology, 2022, 2023

Isokinetics and Exercise Science, 2023

International Presentations

Taipei, Taiwan, ROC - co-taught a 10 day seminar on athletic training and sports medicine, January 27 to February 5, 1988

Tokyo, Japan - "Athletic injury techniques" - Goto College of Medical Arts, May 29, 1989

Droitwich, Worcestershire, UK - International Seminar on Clinical Isokinetics, September 3 & 4, 1993

Mannheim, Germany - Isokinetics Workshop, Sportomed Reha GmbH, June 17-18, 1994

Droitwich, Worcestershire, UK - Treatment of Sports Related Injuries of the Lower Limb conference, "Components of performance assessment" and "Use of isokinetics in rehabilitation", June 9 & 10, 1995

Innsbruck, Austria - Neuromuskuläre Aspekte In Der Rehabilitation Von Sportverletzungen, "Assessment of neuromuscular control and its implications on rehabilitation" and "Value of isokinetics in rehabilitation and diagnosis", September 11, 1997

Innsbruck, Austria - Innsbrucker Kreuzbandkurs - "Assessing muscle function in the ACL injured knee", September 12, 1997

Vienna, Austria - Muskelkräfte und Bewegung - "Muscle performance in sports medicine", September 12, 1997

Montecatini, Italy - Rehabilitation Applied to Surgery in Sport Medicine, "Isokinetics in patellofemoral rehabilitation" and "Rehabilitation of the shoulder", September 23 - 27th, 1997

Sapporo, Japan - Hokkaido Sports Medicine and Science Society Conference, "Assessment of lower extremity function", August 7, 1998

Hokkaido University, Sapporo, Japan - Third World Congress of Biomechanics, Symposium on Kinesiology and Neurophysiological Mechanisms of the Shoulder, "Muscular performance characteristics of the shoulder during upper extremity activity", August 8, 1998

Tokyo, Japan - Japan Athletic Trainers' Organization Conference, "Assessment of lower extremity function", August 9, 1998

Athens, Greece - The Hellenic Scientific Physical Therapy Association's 12th Symposium, "Isokinetics" and "Taping and Bracing", November 27-29, 1998

Tel Aviv, Israel - "Athletic Taping and Bracing Workshop", Tel Aviv University, November 22 & 23, 1999

Tel Aviv, Israel - "Assessment of Muscle Performance", The Zinman College of Physical Education at the Wingate Institute, November 23, 1999

Salzburg, Austria - "Update on ACL Injury and Rehabilitation in the Female Athlete", Austrian Association of Physical Medicine and Rehabilitation Annual Meeting, May 12, 2001.

Edinburgh, Scotland - "ACL prevention in the female athlete" and "Advantages and disadvantages of kinetic chain exercises", BUPA Murrayfield Hospital Physiotherapy and Sports Medicine Clinic 9th Annual Seminar, March 9, 2002

Headley Court, England - "ACL injury risk factors", "How to write good research papers", & "Advantages and disadvantages of kinetic chain exercise", DMS Physiotherapy Rehabilitation Conference: Moderns Concepts of Lower Limb Injury and Rehabilitation, October 3, 2003

Canberra, Australia - "Assessment of human muscle performance", "Management of mild head injury in athletes", "Gender, hormones and anterior cruciate ligament injury risk", & "Advantages and disadvantages of open and close chain exercise", Australian Institute of Sport, February 9 & 10, 2005

Edinburgh, Scotland - "Update on ACL injury risk", Combined Conference of the British Association of Sport and Exercise Medicine, Association of Chartered Physiotherapists in Sport and Medicine, and World Federation of Athletic Training and Therapy, November 10-12, 2005

Florence, Italy - "Role of hormones in lesions of the ACL in female athletes", Functional Rehabilitation and Sport Conference, Sport Clinic Center, October 28, 2006

Shanghai, China - "Preparing students to become community-engaged citizens", The 60th Anniversary of Shanghai University of Sport, President Summit, November 9, 2012

Amsterdam, The Netherlands - "United States Coalition for the Prevention of Illness and Injury in Sport" (with Bill Moreau and Marc Philippon), International Olympic Committee Research Centres Meeting, November 22-24, 2018

National Presentations

Athletic Training Educators Workshop, National Athletic Trainers Association Annual Meeting and Clinical Symposia, Columbus, OH, June, 1987 - "Future trends in graduate athletic training education"

National Athletic Trainers Association Annual Meeting and Clinical Symposia, Baltimore, MD, June, 1988 - "Preparation of the graduate student athletic trainer for a position in the non-traditional setting"

Athletic Training Educators Workshop, National Athletic Trainers Association Annual Meeting and Clinical Symposia, Dallas, TX, June 11, 1989 - "Use of affiliated and allied clinical settings"

National Athletic Trainers Association Annual Meeting and Clinical Symposia, Indianapolis, IN, June, 1990 - "Clinical application of isokinetics"

Athletic Training Educators Workshop, National Athletic Trainers Association Annual Meeting and Clinical Symposia, Indianapolis, IN, June, 1990 - "Preparation for the initial evaluation of a graduate athletic training education program"

Seminar on Research Techniques, National Athletic Trainers Association Annual Meeting and Clinical Symposia, Indianapolis, IN, June, 1990 - "Basic science research in athletic training"

American College of Sports Medicine Annual Meeting, Current Concepts in Management and Treatment of Athletic Injury Symposium, Orlando, FL, May 31, 1991 - "Criteria for returning the injured athlete to competition"

Athletic Training Educators Workshop, National Athletic Trainers' Association Annual Meeting and Clinical Symposia, New Orleans, LA, June, 1991 - "The future of graduate athletic training education"

Annual Meeting of the American College of Allergy and Immunology, New York, NY, November 19, 1991 - "Sports Medicine for the Allergist: Athletic Training and Conditioning"

Annual Meeting of the American Academy of Allergy and Immunology, Orlando, FL, March 9, 1992 - "Pre-Participation Evaluation: Beyond the History and Physical Examination"

American College of Sports Medicine Annual Meeting, Clinical Workshop, Dallas, TX, May 28, 1992 - "Bracing, Strapping, and Taping"

Athletic Training Educators Workshop, National Athletic Trainers' Association Annual Meeting and Clinical Symposia (NATA and the Future of Graduate Education), Denver, CO, June, 1992 - "Athletic Training Education at the Doctoral Level"

National Athletic Trainers' Association Annual Meeting and Clinical Symposia, (Clinical Session, Tissue Healing and Clinical Assessment in the Rehabilitation Process), Denver, CO, June, 1992 - "Strength Testing in the Rehabilitation Process"

American College of Sports Medicine Annual Meeting, Clinical Workshop, Seattle, WA, June 3, 1993 - "Instrumental and Manual Assessment of Knee Joint Laxity"

Athletic Training Educators Workshop, National Athletic Trainers' Association Annual Meeting and Clinical Symposia, Kansas City, KS, June 9, 1993 - "Graduate Guidelines Update"

Sport Rehabilitation Conference, Hosted by Human Kinetics Publishers, San Diego, CA, March 10-12, 1994 - "Principles and techniques of open kinetic chain rehabilitation of the lower extremities"

Sport Rehabilitation Conference, Pre-Conference Workshop Sponsored by MEDmetric Corporation, San Diego, CA March 10, 1994 - "Clinical and instrumented assessment of knee joint laxity"

Athletic Training Educators Workshop, National Athletic Trainers' Association Annual Meeting and Clinical Symposia, Dallas, TX, June 14, 1994 - "Update on graduate athletic training education"

American College of Sports Medicine Annual Meeting, Role of Knee and Shoulder Joint Proprioception in the Management and Rehabilitation of Athletic Training Clinical Symposium, Indianapolis, IN, June 1, 1994 - "Research and clinical applications of assessing balance"

American College of Allergy & Immunology Annual Meeting, San Francisco, CA, November 8, 1994 - "Sports medicine for the Allergist-athletic training and conditioning"

Athletic Training Educators Workshop, National Athletic Trainers' Association Annual Meeting and Clinical Symposia, Indianapolis, IN, June 14, 1995 - "Doctoral programs in athletic training"

National Athletic Trainers' Association District 5 Meeting, Research and Education Foundation Lecture Series, Omaha, NE, March 15, 1996 - "Sideline evaluation of closed head injury"

Council of Biology Editors Annual Meeting, Salt Lake City, UT, May 3, 1998 - "Editorial boards: how do they function? How should they function?"

National Athletic Trainers' Association Research & Education Foundation, Athletic Training Educators' Workshop, Dallas, TX, January 31, 1999 - "Journal of Athletic Training: submission, review, and publication process"

National Athletic Trainers' Association Athletic Training Educators' Conference, January 21, 2001 – "Mentoring the future athletic training educator"

National Athletic Trainers' Association Annual Meeting and Clinical Symposia, June 21, 2001 – Training and Rehabilitation Considerations of Open vs. Closed Chain Exercise in the Lower Extremity Symposium, “Clinical applications: advantages and disadvantages”

National Athletic Trainers' Association Annual Meeting and Clinical Symposia, June 22, 2001 – Clinical Workshop, “Strategies for successful scholarly publication”

Advanced Team Physicians Course, Indian Wells, CA, December 6 – 9, 2001 – “Knee arthrometry in sports medicine”

National Athletic Trainers' Association Annual Meeting and Clinical Symposia, June 16, 2004 – “Recruitment, retention and education of ethnically diverse students in athletic training education programs”

American Academy of Kinesiology and Physical Education Annual Meeting, September 9-11, 2004 – “Professional issues related to movement and mobility in everyday living: physical rehabilitation”

National Athletic Trainers' Association Annual Meeting and Clinical Symposia, Researchers Forum, June 15, 2005 – “Playing the Funding Game: Subsidizing Your Athletic Training Research, A Dean's Perspective”

Association of Public and Land-grant Universities, Council on Academic Affairs Summer Meeting, July 9, 2011 – “Strategies for enhancing student success during challenging economic times”

Association for the Study of Higher Education Annual Conference, November 19, 2011 – “Pre-tenured faculty workplace satisfaction data: catalyst for conversation and culture change”

American Association of State Colleges and Universities Academic Affairs Summer Meeting, July 27, 2012 – “Academic Restructuring at UNC Greensboro”

American Council on Education Association of International Education Administrators Annual Meeting, Morning Plenary, February 16, 2013 – “The leadership perspective”

American Association of State Colleges and Universities Academic Affairs Winter Meeting, February 8, 2014 – “Excellence in Community Engagement and Community Engaged Scholarship”

Association of Schools of Allied Health Professions Annual Meeting, October 19, 2016 – “Leading Change” (presented with Mary Anne Berzins)

CUPA-HR Annual Conference, September 17, 2017 – “What Business Partners Really Expect of HR Professionals: A Dean's Perspective” (presented with Mary Anne Berzins)

Regional Presentations

New York Superintendent's Workshop, Silver Bay, NY, 1978 - "Employing the certified athletic trainer"

Sports Medicine Clinic Day, Center for Continuing Education in Osteopathic Medicine, Pontiac, MI, September 7, 1980 - "Wrestling and weight control"

Prevention Through Proper Training Conference, Center for Continuing Education in Osteopathic Medicine, Pontiac, MI, September 18-19, 1982 - "Pre-season screening of the athlete" and "Wrestling with making weight"

Physicians Continuing Education Program, Sharon General Hospital, Sharon, PA, 1979 and 1980 - "Prevention, recognition, and treatment of heat illness"

Pennsylvania Athletic Trainer's Society Fifth Annual Meeting and Clinical Symposium, Harrisburg, PA, May 18-19, 1985 - "Update on rules and regulations of licensure"

Annual Education and Business Meeting, Maryland and District of Columbia Chapters of the American Physical Therapy Association, November 14-16, 1986 - "ATC - what is required" (Panel Participant)

2nd Annual Steel City Strength and Conditioning Conference, Pittsburgh, PA, May 13, 1989 - "Nutritional considerations for the competitive athlete"

Sports Medicine Weekend in Annapolis, Dogwood Institute, Annapolis, MD, September 20-22, 1990 - "Update: clinical applications of isokinetics"

Panther Sports Medicine Symposium, Pittsburgh, PA, November 29-December 1, 1990 - "Isokinetics: throwing sports"

Eastern Athletic Trainers Annual Meeting, Monticello, NY, January 6-8, 1991 - "Development of the student athletic trainer - a round table discussion"

Eastern Athletic Trainers Annual Meeting (student session), Monticello, NY, January 6-8, 1991 - "Professional preparation for careers in athletic training"

Adirondack Sports Medicine Conference, Utica, NY, March 16, 1991 - "Recognition and care of the seriously injured athlete" and "Knee and ankle braces-do they work?"

The Valley Hospital Sports Institute Sports Medicine Symposium, Ridgewood, NJ, March 23, 1991 - "Functional assessment of the lower extremity"

Pennsylvania Athletic Trainers' Society Annual Meeting and Symposium, Hershey, PA, May 17-19, 1991 - "Assessment of shoulder rotational strength"

Adirondack Sports Medicine Symposium, Utica, NY, March 20, 1992 - "Screening high school athletes - suggestions for coaches"

Panther Sports Medicine Symposium (Current Concepts of Knee Ligament Injuries), Pittsburgh, PA, April 2-4, 1992 - "Instrumented measurement of knee joint laxity", "Prophylactic and functional knee bracing", "Isokinetic assessment and exercise of the knee", & "Innovative use of isokinetics in rehabilitation of the knee"

From Injury to Wellness Through Exercise, KIN-COM User Meeting VIII, Orlando, FL, October 9-11, 1992 - "Training & conditioning after rehabilitation"

Adirondack Sports Medicine Symposium, Utica, NY, March 12, 1993 - "Medical management of an athletic event" and "Post-injury functional training"

Adirondack Sports Medicine Symposium, Utica, NY, March 18, 1994 - "A substance abuse prevention and education program for the high school" and "Functional testing and training post injury"

HEALTHSOUTH Annual Sports Medicine Seminar, Birmingham, AL, April 22, 1995 - "The evaluation process in rehabilitation" and "Isokinetics in rehabilitation"

Adirondack Sports Medicine Symposium, Utica, NY, March 29, 1996 - "Principles of injury evaluation" and "Taping and strapping"

Delaware Athletic Trainers' Association Annual Conference, Rehoboth Beach, DE, May 3-4, 1996 - "Adolescent strength training considerations" and "Integration of Isokinetics"

New Hampshire Musculoskeletal Institute Annual Symposium, Manchester, NH, September 28, 1996 - "Current role of isokinetics in rehabilitation" and "Knee joint instability and instrumented arthrometry"

Medical Aspects of Sports, University of Delaware, Newark, DE, January 18, 1997 - "Knee evaluation"

Adirondack Sports Medicine Symposium, Utica, NY, March 14, 1997 - "Mild head injury in sports" and "Strength training in the adolescent athlete"

Hawkeye Sports Medicine Symposium, University of Iowa, Iowa City, IA, December 5 & 6, 1997 - "Dynamic postural stability after a lower extremity injury" and "Concussion current concepts: role of assessing dynamic postural stability"

Adirondack Sports Medicine Symposium, Utica, NY, March 27, 1998 - "Dehydration and heat injury" and "Recognition of the seriously injured athlete"

Virginia Athletic Trainers Association Annual Meeting, January 15, 1999 - "Changing perspectives on sport rehabilitation"

Adirondack Sports Medicine Symposium, Utica, NY, March 26, 1999 - "Taping and bracing in sports medicine"

10th Annual Tri-State Athletic Trainers' Conference, Brownsville, VT, May 14-15, 1999 - "Mild head injury in athletes"

Adirondack Sports Medicine Symposium, Utica, NY, March 24, 2000 - "Current research in sports medicine"

7th Annual New Hampshire Musculoskeletal Institute Symposium, Manchester, NH, September 16, 2000 – "Update on ACL injury in the female athlete" and "Finding balance between the art and science of sports medicine"

Adirondack Sports Medicine Symposium, Utica, NY, March 30, 2001 – "The art and science of sports medicine"

Adirondack Sports Medicine Symposium, Utica, NY, April 5, 2002 – "Concussion in sports: preventing the serious from becoming catastrophic"

The Mohawk Valley Sports Medicine Symposium, Utica, NY, April 30, 2004 – "Update on ACL injuries in the female athlete"

The University of Vermont Sports Medicine Conference, September 30 – October 1, 2004 – "Instrumented assessment of knee joint laxity", "Assessment of human muscle performance", "Advantages and disadvantages of open and closed chain exercise", "Management of mild head injury in athletes", and "Gender, hormones and ACL injury risk"

Invited Lecture, University of Southern Maine College of Nursing and Health Care Professions, October 6, 2005 - "Diversity in the Health Care Professions"

2018 CUPA-HR Spring Conference Hosted by the Midwest and Western Regions, Salt Lake City, UT, May 2, 2018 – "What business partners really expect of HR professional: A dean's perspective"

2018 CUPA-HR Spring Conference Hosted by the Eastern Region, Baltimore, MD, April 9, 2018 – "What business partners really expect of HR professional: A dean's perspective"

Local Presentations

American College of Sports Medicine Exercise Specialist Workshop, University of Pittsburgh, Pittsburgh, PA, June 1981 - "Orthopedic limitations common to adults in supervised exercise programs"

Sports Injury Clinic, Hermanie, PA, 1982 - "Nutrition for athletes"

ACSM Exercise Specialist Workshop, University of Pittsburgh, June, 1982 - "Orthopedic limitations common to adults in supervised exercise programs"

Sports Injuries Conference, A Seminar for Emergency Medical Technicians and Paramedics, Allegheny General Hospital, Pittsburgh, PA, June 5, 1982 - "The role of mechanism in evaluation of athletic injuries"

Medicine and Winter Sports Seminar, Seven Springs Ski Resort, Champion, PA, January 20, 1983 - "Pre-season preparation for skiing and altitude stress"

ACSM Exercise Specialist Workshop, University of Pittsburgh, June, 1983 - "Orthopedic limitations common to adults in supervised exercise programs"

Sports Medicine Symposium, Somerset Community Hospital, Somerset, PA, September 17, 1983 - "Head and neck injuries" and "Upper extremity injuries"

Medical Aspects of Special Olympics Conference, Allegheny General Hospital, Pittsburgh, PA, April 7, 1984 - "Stretching and conditioning to avoid injury"

Medicine and Winter Sports Seminar, Seven Springs Ski Resort, Champion, PA, January 19, 1984 - "The effects of diet and alcohol in cold weather sports"

Prevention and Care of Dancer's Injuries Seminar, Point Park College, Pittsburgh, PA, April 14, 1984 - "Improving strength and flexibility"

Utilization of the Cybex Dynamometer, Physician Continuing Education Seminar, Forbes Lifestyle Center, Pittsburgh, PA, July 25, 1985 - "Principles of strength training and testing" and "Reliability and application of isokinetics to injury prevention"

Symposium in Sports Medicine presented by Osteopathic Hospital, Clarion, PA, September 7, 1985 - "Pre-season screening and conditioning", "Weight evaluation for wrestling" and "Role of the athletic trainer in scholastic sports"

An Update in Sports Medicine presented by University of Pittsburgh Department of Orthopedic Surgery and Merck, Sharp and Dohme, Co., Pittsburgh, PA, September 18, 1985 - "Strength profiling of athletes"

Sports Medicine Update at Seven Springs Ski Resort, Champion, PA, January 30, 1986 - "Pre-season conditioning for winter sports"

Sports Medicine Update Seminar, Allegheny General Hospital, Pittsburgh, PA, September 26-27, 1986 - "Pre-season conditioning and preparation" and "Evaluation, prevention and treatment of heat illness"

The Art and Science of Sports Medicine, University of Virginia, Charlottesville, VA, June 24-27, 1987 - "Instrumented assessment of knee joint laxity"

The Art and Science of Sports Medicine, University of Virginia, Charlottesville, VA, June 22-25, 1988 - "Current concepts in isokinetic instrumentation"

The Art and Science of Sports Medicine, University of Virginia, Charlottesville, VA, June 21-24, 1989 - "Clinical and research uses of instrumented knee arthrometry"

The Art and Science of Sports Medicine, University of Virginia, Charlottesville, VA, June 19-22, 1991 - "Functional assessment of the lower extremity"

The Art and Science of Sports Medicine, University of Virginia, Charlottesville, VA, June 17-20, 1992 - "Update on evaluation of knee instabilities"

The Art and Science of Sports Medicine, University of Virginia, Charlottesville, VA, June 23-26, 1993 - "Knee laxity assessment lab"

Little Orthopaedic Club, University of Virginia, Charlottesville, VA, April 13-16, 1994 - "Facts and fallacies in isokinetic testing and exercise"

The Art and Science of Sports Medicine, University of Virginia, Charlottesville, VA, June 22-25, 1994 - "Open chain assessment of muscle performance"

The Art and Science of Sports Medicine, University of Virginia, Charlottesville, VA, June 24-28, 1996 - "Evaluation of the knee"

Northern Virginia Sports Medicine Association Student Athletic Trainer Symposium, George Mason University, April 24, 1998 - "Mild brain trauma"

Joy W. Kistler Conference, Department of Kinesiology, Louisiana State University, Baton Rouge, LA, October 16, 1998 - "Research and clinical applications of assessing postural stability"

Invited Colloquium, Department of Exercise & Sport Science, University of North Carolina at Greensboro, November 12, 1999 - "Athletic training & sports medicine research perspectives"

Sports Medicine Seminar, University of Pittsburgh, September 24, 2004 – "Gender, hormones, and anterior cruciate ligament compliance"

The Art and Science of Sports Medicine, University of Virginia, Charlottesville, VA, June 6-8, 2012 – "Athletic Training: from Physical Education to Allied Health"

Faculty Development Presentation, Rocky Mountain University of Health Professions, Provo, UT, August 5, 2016 – "Academic Duty"

Graduate Program Colloquium, Department of Kinesiology, Penn State University, October 3, 2019 – "The evolution of athletic training and implications for kinesiology"

Conferences/Symposia Conducted

Director and Lecturer, Athletic Training Workshop for High School Students, Castleton State College, Castleton, VT - 1978

Program Director, Sports Medicine Symposium presented by Allegheny General Hospital and Presbyterian-University Hospital Departments of Orthopedic Surgery, Pittsburgh, PA - 1981, 1982 and 1983

Program Coordinator and Instructor, Cramer Coaches Workshop, University of Pittsburgh, 1983

Program Chairman, NATA Sayers "Bud" Miller Eastern Regional Professional Preparation Conferences, Pittsburgh, PA - 1982 and 1983

Instructor, Cramer Coaches Workshop, University of Pittsburgh, 1985

Director and Lecturer, Annual Basic and Advanced Athletic Training Workshops for High School Students, University of Pittsburgh - 1980, 1981, 1982, 1983, 1984 and 1985

Project Director, Conditioning for Sports Conference Presented by Governor's Council on Physical Fitness and Sports, Pennsylvania Interscholastic Athletic Association, and the University of Pittsburgh - 1984

Coordinator, NATA Curriculum Evaluation Team Workshops, NATA National Conventions - 1985 and 1986

Organizing Committee, Annual Art and Science of Sports Medicine Conferences, University of Virginia - 1987 - 1998

Symposium Chairperson, Current Concepts in Management and Treatment of Athletic Injury, American College of Sports Medicine Annual Meeting, Orlando, FL, 1991

Program Director, International Sport Rehabilitation Conference, Orlando, FL, March 5-7, 1992

Instructor, American Medical Association Joint Review Committee on Athletic Training, Site Visitor Workshop, NATA Annual Meeting, Denver, CO, June, 1992

Instructor, American Medical Association Joint Review Committee on Athletic Training, Site Visitor Workshop, EATA Annual Meeting, Boston, MA, January 3, 1993

Course Instructor, Principles of Isokinetic Exercise and Assessment Workshop, Mississippi Physical Therapy Association Spring Conference, Biloxi, MS, May 6-8, 1994

Moderator, Joint Proprioception Symposium, National Athletic Trainers' Association Annual Meeting and Clinical Symposium, Dallas, TX, June 11, 1994

Clinical Program Committee Chair, National Athletic Trainers' Association Annual Meeting and Clinical Symposium, Indianapolis, IN, June, 1995

Moderator, Evaluation of Mild Head Injury in Sports Clinical Colloquia, American College of Sports Medicine Annual Meeting, Cincinnati, OH, May 31, 1996

Section Leader, Foundation for Sports Medicine Education and Research, American Orthopaedic Society for Sports Medicine, The Role of Proprioception and Neuromuscular Control in the Management of Knee and Shoulder Conditions Workshop, Pittsburgh, PA, August 21 - 24, 1997

Manuscript Reviewers' Workshops, *Journal of Athletic Training*, National Athletic Trainers' Association Annual Meeting and Clinical Symposia, 1996, 1997, 1998, 1999, 2000

Manuscript Reviewers' Workshop, *Journal of Athletic Training*, National Athletic Trainers' Association Research & Education Foundation, Athletic Training Educators' Workshop, Dallas, TX, January 31, 1999

Symposium Chairperson, Anterior Cruciate Ligament Injury in the Female Athlete, American College of Sports Medicine Annual Meeting, June, 1999

Pre-Conference Workshop, Preparation and Review of Manuscripts for Publication, Athletic Training Educators' Conference, Montgomery, Texas, January 10, 2003.

Program Planning Committee, 2015 Association of Schools of Allied Health Professions Annual Conference, Scottsdale, AZ, October 28-30, 2015 – "Innovations and Entrepreneurship in Health Care Education"

Consultations

Marietta College External Sports Medicine Advisory Committee Member - 1984 to 1986

Marietta College, Development of an Undergraduate Athletic Training Education Program, 1984

Messiah College, Development of an Undergraduate Athletic Training Education Program, 1985

Presbyterian University Hospital, Pittsburgh, PA Development of an Out-Patient Physical Therapy Sports Medicine and Rehabilitation Center, 1986

Republic of China Sports Medicine Association, Taipei, Taiwan, Development of a Clinical Education Program for ROC Athletic Training Association Student Members, 1988

Camp International, Jackson, Michigan, Development of a prototype device (Stability Testing and Rehabilitation Station) designed to measure ankle and lower extremity function, November, 1988 to 1991

Goto College of Medical Arts and Sciences, Tokyo, Japan, Development of an athletic training education program, May 26-31, 1989

CYBEX Advisory Board, Ronkonkoma, NY, November 1991-92

National Athletic Trainers' Association, Leadership Symposium, Tarpon Springs, FL, February 15-17, 1992

University of North Carolina at Chapel Hill, Graduate Program Review, Department of Physical Education, Exercise & Sport Science, February 23-25, 1992

Chattanooga Group, Inc., Chattanooga, TN, May 8, 1992

Head Smart Schools Project, National Head Injury Foundation, 1992-94

All Sport Sports Medicine Council, Pepsi-Cola International, 1993 to 1999

Mild Brain Injury in Sports Summit, NATA Research and Education Foundation, Washington, DC, March 16-18, 1994

The University of Tennessee at Chattanooga, Development of a graduate athletic training education program, September 7-8, 1995 & October 7-9, 1996

Becton Dickinson Consumer Products, 1995 to 1999

Armstrong Atlantic State University, Savannah, GA, Development of an entry-level athletic training education program, 2001

University of Kentucky, Graduate Athletic Training Program Review, 2003

Centers for Disease Control, Atlanta, GA, Heads Up: Concussion in High School Sports, 2003-2004

Injury Reduction Technology, Inc., 2005 to present

Member, Board of Visitors, School of Health and Rehabilitation Sciences, University of Pittsburgh, 2006 –

External Reviewer, College of Health, University of Utah, May 18-21, 2008

Chair, External Review Committee on Academic Restructuring, North Carolina A&T State University, 2015

External Reviewer, Department Head Review, Department of Physical Therapy, College of Applied Health Sciences, University of Illinois at Chicago, 2018

Review Committee Chair, Department Review, Department of Health & Human Physiology, College of Liberal Arts & Sciences, University of Iowa, September 6 & 7, 2018

External Reviewer, Department Head Review, Department of Disability and Human Development, College of Applied Health Sciences, University of Illinois at Chicago, 2020

Consultant, Proposed Master of Athletic Training Degree, Department of Kinesiology and Nutrition Sciences, School of Integrated Health Sciences, University of Nevada, Las Vegas, 2021

External Reviewer, School of Health and Rehabilitation Sciences, Ohio State University, 2021

THE UNIVERSITY OF NORTH CAROLINA AT GREENSBORO SERVICE

Advisory Board Member, Institute for Health, Science, and Society, 2001-2005

Chair, Deans Council Subcommittee, Faculty Mentoring, 2002-2003

Member, Deans Council Subcommittee: Administrative Structure for Interdisciplinary Centers and Institutes, 2004

Deans Council Representative to the University Faculty Senate, 2003-2004

Member, Economic Development Council, 2006-2007

Member, Pandemic Flu Planning Sub-Committee: Research Continuity, 2006-2007

Board Member, Gateway University Research Park, 2007- 2014

Board of Directors, Guilford Merchants Association, 2012 to present

Mentor, 2012-2013 UNCG Leadership Institute

Chair, UNC General Administration Joint Chief Academic Officers/Chief Financial Officers Committee on Performance-based Funding

Member, Campus Implementation Team for a Downtown University Campus, Opportunity Greensboro: A Business and Collegiate Partnership, 2012-2013

UNIVERSITY OF VIRGINIA SERVICE

Co-Author of a Proposal for an Institute for Sports Medicine and Exercise Science - 1986

Member, Search Committee for Faculty Exercise Physiologist, Department of Human Services - 1987

Member, Search Committee for Faculty Health Promotions Position, Department of Human Services - 1988

Member, Search Committee for Faculty Physical Education Pedagogist, Department of Human Services - 1989

Member, NCATE Resources Committee, Curry School of Education - 1989

Member, Sesquicentennial Awards Committee, Curry School of Education - 1989

Chairperson, Committee for Development of Guidelines and Awarding of PhD Dissertation Fellowship, Department of Human Services - 1989

Member, Student Affairs Committee, Curry School of Education - 1989

Member, Committee for Awarding of Dissertation Mini-Grants, Curry School of Education - 1989-1994

Member, Search Committee for Communication Disorders Faculty Position, Department of Human Services - 1989-90

Member, Search Committee for Faculty Exercise Physiologist, Department of Human Services - 1990

Member, Search Committee for Faculty Adapted Physical Educator, Department of Human Services, 1991-92

Member, Committee for Awarding of Faculty Summer Research Grants, Curry School of Education, 1991-1993

Member, Academic Affairs Committee, Curry School of Education, 1993-1995, 1996

Member, Search Committee for Faculty Exercise Physiologist, 1993

Member, Promotion and Tenure Committee, Curry School of Education, 1994-95, 1998-1999

Chair, Search Committee for Faculty Athletic Training/Sports Medicine position, 1995

Member, University Benefits Committee, 1996 - 2001

Member, Intramural-Recreational Sports Advisory Council, 1995-96

Member, Search Committee for a Policy Faculty Position, Department of Leadership, Foundations, and Policy, 1996

Co-Chair, Policy and Procedures Roundtable, Charting Diversity Conference and Project, 2000 - 2001

Member, Search Committee for Associate Director/Director of Health Promotions, Department of Student Health, 2000

UNIVERSITY OF UTAH SERVICE

Executive Steering Committee, Center for Clinical and Translational Sciences, 2015 - 2022

Board of Directors, Center on Aging, 2014 - 2022

Member, Clinical Research Oversight Committee, 2015 - 2020

Member, Global Health Steering Committee, 2015 - 2022

Member, Council of Academic Deans, 2014 - 2022

Member, Search Committee for Dean of the School of Dentistry, 2015 - 2016

Core Group Member, Workforce Strategy Workgroup, University of Utah Medical Group, 2016 -

Member, Driving Out Diabetes Internal Advisory Board, 2017 - 2022

Member, Diabetes and Metabolism Research Center Internal Advisory Board, 2015 – 2022

Member, Huntsman Cancer Institute Internal Advisory Board, 2018 - 2022

Member, Search Committee for Senior Vice President for Academic Affairs, 2018

Member, Search Committee for Vice President for Institutional Advancement, 2018-2019

Co-Chair, Search Committee for Senior Associate Vice President and Dean of Undergraduate Studies, 2020 – 2021

MEMBERSHIPS/CERTIFICATIONS

National Athletic Trainers' Association, Certified Member (781232, D4-485), 1977 to 2018

American College of Sports Medicine, Member, 1979 to present

Council of Science Editors (formerly Council of Biology Editors), 1996 to 2004

American Alliance for Health, Physical Education, Recreation, and Dance, 1993 to 2000

National Academy of Kinesiology, 1997 to present

Pennsylvania Athletic Trainers Society, Certified Member (RT-000292-A), 1979 to 1992

Virginia Athletic Trainers Association, Member (# 124), 1987 to 2001

Eastern Athletic Trainers Association, Member, 1977 to 1986

National Strength and Conditioning Association, Member, 1988 to 1989

Emergency Medical Technician, Vermont and National Registry Certifications, 1975 to 1980

HONORS

Elected a Fellow of the American College of Sports Medicine, May 1990

Outstanding Athletic Training Alumni Award, Indiana State University, 1997

Elected a Fellow of the National Academy of Kinesiology, May, 1997 (induction September, 1998)

Outstanding Alumni Award (Inaugural), School of Health and Human Performance, Indiana State University, 2003

Alumni Honoree Award, Athletic Hall of Fame, Castleton State College, 2003

Distinguished Alumni Award (Inaugural), Department of Sports Medicine and Nutrition, School of Health and Rehabilitation Sciences, University of Pittsburgh, 2005

Distinguished Alumni Award (Inaugural), Castleton State College, 2005

2008 Legacy Laureate, University of Pittsburgh, in recognition of "Pitt alumni who have excelled professionally and personally and who exemplify the best in leadership qualities and commitment to the greater good of their professions, communities, and the world at large."

Honorary Doctor of Humane Letters, Arizona School of Health Sciences, A.T. Still University, 2009

Phi Beta Delta International Honor Society Induction, The University of North Carolina at Greensboro, April 19, 2011

Phi Kappa Phi Honor Society Induction, The University of Utah, April 14, 2016

2017 American Kinesiology Association Jerry R. Thomas Distinguished Leadership Award for Doctoral-level Institutions

2019 University of Utah Beacons of Excellence Award recipient

2022 University of Pittsburgh School of Health and Rehabilitation Sciences Philanthropist Award

Distinguished Lectures

Keynote Speaker, Pennsylvania Athletic Trainers' Society Eleventh Annual Meeting & Clinical Symposium, Hershey, PA, May 18, 1991 - "Research in Athletic Training-The Final Ingredient"

National Athletic Trainers' Association Exchange Lecture, "Mild Head Injury in Sports", Orlando, FL, June 17, 1996

Distinguished Lecture on Sports Medicine, "Assessment of Human Muscle Performance", University of Alabama, Tuscaloosa, AL, January 26, 1997

Keynote Address, Professional Educators' Conference, National Athletic Trainers' Association Research and Education Foundation, Dallas, TX, February 1, 1997

Keynote Address, Joy W. Kistler Conference, Department of Kinesiology, Louisiana State University, October 15, 1998 - "Concepts of Sport Rehabilitation: Past, Present, and Future"

Keynote Address, 10th Annual Tri-State Athletic Trainers' Conference, Brownsville, VT, May 14, 1999 - "Concepts of Sport Rehabilitation: Past, Present, and Future"

Keynote Address, 26th Annual Art and Science of Sports Medicine Symposium, University of Virginia, June 10, 1999 - "Finding the Balance Between the Art and Science in Sports Medicine"

National Athletic Trainers' Association Exchange Lecture, American Orthopaedic Society for Sports Medicine, Traverse City, MI, June 22, 1999 - "Assessment of Human Muscle Performance"

National Athletic Trainers' Association Exchange Lecture, American College of Sports Medicine, Indianapolis, IN, June 1, 2000 - "Assessment of Human Muscle Performance"

Athletic Training Distinguished Speaker, Department of Kinesiology, University of Connecticut, Storrs, CT, October 9, 2001 – "Update on ACL injury in the female athlete"

William E. "Pinky" Newell Memorial Address, Eastern Athletic Trainers' Association, January 5, 2003

Keynote Address, Athletic Training Educators' Conference, Dallas, TX, February 28, 2015 – "Seeking Greater Relevance for Athletic Training Education within American Higher Education and the Healthcare Professions"

Keynote Address, Commission on Accreditation of Athletic Training Education (CAATE) Accreditation Conference, Tampa, FL, October 22, 2016 – "Higher Education Landscape: Implications for Athletic Training Education Programs and Faculty"

Marie Hall Endowed Lecture, School of Health Professions, University of Texas Medical Branch, August 27, 2019 – "Promoting Diversity and Inclusive Excellence in the Healthcare Professions"

Dr. Mildred Lemen Distinguished Speaker, College of Health and Human Services, Indiana State University, October 19, 2023 – "Promoting Equity, Diversity, and Inclusion in the Healthcare Professions"

Commencement Addresses

A.T. Still University of Health Sciences Arizona School of Health Sciences Commencement, August 8, 2009

University of Pittsburgh School of Health and Rehabilitation Sciences Recognition Day 2015, April 26, 2014

Duquesne University John G. Rangos, Sr. School of Health Sciences Commencement, August 9, 2019

University of Virginia

Elected to The Raven Society, University of Virginia, April 12, 1993 - "...in recognition of high scholastic attainments, service to the University of Virginia, and of promise of future advancement in the intellectual field."

All-University Outstanding Teaching Award, April, 1997

Outstanding Professor Award, Curry School of Education Foundation, 1998

Mentor of the Year (Inaugural), Office of African American Studies, 1998

Co-Mentor of the Year, Office of African American Studies, 1999

Omicron Delta Kappa, Initiation October 28, 1999

Named to hold endowed professorship, Joe Gieck Professor of Sports Medicine, 1999-2001

David H. Perrin Athletic Training and Sports Medicine Award (endowed), Curry School of Education Foundation, Established June 1999 by friends and alumni

National Athletic Trainers' Association

Outstanding Research Award, National Athletic Trainers' Association, 1985 - "Reliability of Isokinetic Measures"

Outstanding Research Article Winner - Pawlowski, D., & Perrin, D.H. (1989). Relationship between shoulder and elbow isokinetic peak torque, torque acceleration energy, average power, and total work and throwing velocity in intercollegiate pitchers. Journal of Athletic Training, 24, 129-132.

Outstanding Research Article First Runner-up - Lephart, S.M., Perrin, D.H., Fu, F.H., & Minger, K. (1991). Functional performance tests for the anterior cruciate ligament insufficient athlete. Journal of Athletic Training, 26, 44-50.

Outstanding Research Article Winner - Denegar, C.R., & Perrin, D.H. (1992). Effect of transcutaneous electrical nerve stimulation, cold, and a combination treatment on pain, decreased range of motion and strength loss associated with delayed onset muscle soreness. Journal of Athletic Training, 27, 200-206.

1996 *Journal of Athletic Training* Kenneth L. Knight Award for the Outstanding Research Manuscript - Guskiewicz, K.M., Perrin, D.H., Gansneder, B.M. Effect of mild head injury on postural stability in athletes. 31:300-306.

2001 *Journal of Athletic Training* Kenneth L. Knight Award for the Outstanding Research Manuscript – Shultz, S.J., Perrin, D.H., Adams, J.M., Arnold, B.L., Gansneder, B.M., Granata, K.P. Neuromuscular response characteristics in men and women after knee perturbation in a single-leg, weight-bearing stance. 36:37-43.

2011 *Journal of Athletic Training* Kenneth L. Knight Award for the Outstanding Research Manuscript, First Runner-Up: Nguyen, A-D, Shultz, SJ, Schmitz, RJ, Luecht, RM, Perrin, DH. A preliminary multifactorial approach describing the relationship among lower extremity alignment, hip muscle activation, and lower extremity joint excursion. Journal of Athletic Training 46:246-256.

Sayers "Bud" Miller Distinguished Educator Award, National Athletic Trainers' Association, 1996

Most Distinguished Athletic Trainer Award, National Athletic Trainers' Association, 1998

William G. Clancy, Jr., M.D. Medal for Distinguished Athletic Training Research (June, 1999)

National Athletic Trainers' Association Hall of Fame, Induction June 27, 2003

David H. Perrin, PhD, ATC, Doctoral Dissertation Award, Established 2005 by the NATA Research and Education Foundation

Elected a Fellow of the National Athletic Trainers' Association, June, 2011

David H. Perrin Ethnic Diversity Advisory Committee Scholarship, Established 2013 by the National Athletic Trainers' Association Research and Education Foundation

Lifetime Contribution Award, NATA Research & Education Foundation, June 2015

AOSSM Distinguished Athletic Trainer Award, 2022

(Updated 02.14.23)