

**DIVISION OF KINESIOLOGY AND HEALTH
FACULTY RESEARCH 2010-2012**

[updated 6/1/12]

REFEREED JOURNAL ARTICLES

In Press

- Alderman, B.L., **Benham-Deal, T.B.**, Beighle, A., & Erwin, H. (in press). Physical education's contribution to daily physical activity among middle school youth. *Pediatric Exercise Science*.
- Cluphf, D., **Lux, K.**, & Scott, V. (in press). Investigating PETE majors' perceptions of Lesson Study as a capstone experience in physical education. *The Physical Educator*.
- Goldberger, M., Ashworth, S., & **Byra, M.** (in press). Spectrum of teaching styles retrospective 2012. *Quest*.
- Iserbyt, P., & **Byra, M.** (in press). Task cards – Design and use in the reciprocal style of teaching. *Journal of Physical Education, Recreation, and Dance*.
- Lux, K.**, & Woods, A.M. (in press). The benefits of pursuing National Board Certification for physical education teachers. *Journal of Physical Education, Recreation, and Dance*.
- Lux, K.**, & Woods, A.M. (in press). The effects of achieved national board for teaching standards certification on the marginality of physical education teachers. *The Teacher Educator*.
- Ma, H., Wang, J., **Thomas, D.P.**, Leng, L., Wang, W., Merk, M., Zierow, S., Bernhagen, J., Ren, J., Bucala, R., & Li, J. (in press). Role for an age-dependent HIF-1 α defect in impaired MIF-AMPK activation and ischemic recovery in the senescent heart. *Circulation*.
- Porter, C.M.** (in press). 'Choice:' What we mean by it, and what that means for preventing childhood obesity. *Public Health Nutrition*.
- Porter, C.M.**, & Pelletier, D.L. (in press). Finding common ground: Perspectives on community-based childhood obesity prevention. *Health Promotion Practice*.
- Readdy, T.**, & Ebbeck, V. (in press). Weighing in on NBC's The Biggest Loser: Governmentality and self-concept on the scale. *Research Quarterly for Exercise and Sport*.
- Sanchez, E., **Byra, M.**, & **Wallhead, T.L.** (in press). Students' perceptions of the command, practice, and inclusion styles of teaching. *Physical Education and Sport Pedagogy*.
- Wallhead, T.L.**, Garn, A., & Vidoni, C. (in press). Sport education and social goals in physical education: Relationships with enjoyment, relatedness, and leisure-time physical activity. *Physical Education and Sport Pedagogy*.

2012

- Jones, E., & **Lux, K.** (2012). Considerations for pursuing a doctoral degree in PETE. *Strategies*, 25(4), 26-29.
- Li, K.K., Concepcion, R.Y., Lee, H., Cardinal, B.J., Ebbeck, V., Woekel, E., & **Readdy, R.T.** (2012). An examination of gender differences in relation to the eating habits and

nutrition intakes of university students. *Journal of Nutrition Education and Behavior*, 44, 246-250.

McCullick, B.A., Baker, T., Tomporowski, P.D., Templin, T.J., **Lux, K.**, & Isaac, T. (2012). An analysis of state physical education policies. *Journal of Teaching in Physical Education*, 31, 200-210.

McCullick, B., **Lux, K.**, Belcher, D., & Davies, N. (2012). A portrait of the PETE major re-touched for the early 21st century. *Physical Education and Sport Pedagogy*, 17, 177-193.

Yengo, C.M., Zimmerman, S.D. , McCormick, R.J. , & **Thomas, D.P.** (2012). Exercise training post-MI favorably modifies heart extracellular matrix in the rat. *Medical Science Sports Exercise*, 44, 1005-1012.

2011

Garn, A., Cothran, D.J., & **Jenkins, J.M.** (2011). A qualitative analysis of individual interest in middle school physical education: Perspectives of early-adolescents. *Physical Education and Sport Pedagogy*, 16, 223-236.

Jenkins, J.M. & Alderman, B.L. (2011). Influence of sport education on group cohesion in university physical education. *Journal of Teaching in Physical Education*, 30, 214-230.

Jenkins, J.M., & **Haefner, J.A.** (2011). Task progression in early field teaching experiences. *Journal of Physical Education, Recreation, and Dance*, 82(10), 45-48.

Lux, K.M., & McCullick, B.A. (2011). How one exceptional teacher navigated her working environment as the teacher of a marginal subject. *Journal of Teaching in Physical Education*, 30, 358-374.

Readdy, R.T., Watkins, P.L., & Cardinal, B.J. (2011). Muscle dysmorphia, gender role stress, and sociocultural influences: An exploratory study. *Research Quarterly for Exercise and Sport*, 82, 300-319.

Roe, N.D., **Thomas, D.P.**, & Ren, J. (2011). Inhibition of NADPH oxidase alleviates experimental diabetes-induced myocardial contractile dysfunction. *Diabetes, Obesity, and Metabolism*, 13, 465-473.

Zhu, Q., & Bingham, G.P. (2011). Human readiness to throw: The size-weight illusion is not an illusion when picking the best objects to throw. *Evolution and Human Behavior*, 32, 288-293.

2010

Alderman, B., **Benham-Deal, T.**, & **Jenkins, J.M.** (2010). Change in parental influence on children's physical activity over time. *Journal of Physical Activity and Health*, 7, 60-67.

Barrett, S.F., & **Bundle, M.W.** (2010). Instrumentation array for biomechanical reproducibility. *Biomedical Sciences Instrumentation Journal*, 46, 51-56.

Benham-Deal, T.B., Deal, L., & Hudson, N. (2010). The road to health literacy – Principals take the wheel. *Principal*, 89(3), 20-25.

Benham-Deal, T.B., **Jenkins, J.M.**, Deal, L.O., & Byra, A. (2010). The impact of professional development to infuse health and reading in elementary schools. *American Journal of Health Education*, 41(3), 155-166.

- Hennings, J., **Wallhead, T.L.**, & **Byra, M.** (2010). A didactic analysis of student content learning during the reciprocal style of teaching. *Journal of Teaching in Physical Education*, 29, 227-244.
- Kimball, J., **Jenkins, J.M.**, & **Wallhead, T.L.** (2010). Influence of high school physical education on university students' physical activity. *European Physical Education Review*, 15(2) 249-267.
- Li, Q., Tuerdi, S., **Thomas, D.P.**, Zhou, T., & Ren, J. (2010). Intra-myocardial delivery of mesenchymal stem cells ameliorates left ventricular and cardiomyocyte contractile dysfunction following myocardial infarction. *Toxicology Letters*, 195, 119-126.
- Long, N.M., George, L.A., Uthlaut, A.B., **Smith, D.T.**, Nijland, M.J., Nathanielsz, P.W., & Ford, S.P. (2010). Maternal obesity and high nutrient intake before and during gestation in the ewe results in altered growth, adiposity, and glucose tolerance in adult offspring. *Journal of Animal Science*, 88, 3546-53.
- Ma, H., Wang, J., **Thomas, D.P.**, Tong, C., Leng, L., Wang, W., Merk, M., Zierow, S., Bernhagen, J., Ren, J., Bucala, R., & Li, J. (2010). Impaired macrophage migration inhibitory factor – AMP-activated protein kinase activation and ischemic recovery in the senescent heart. *Circulation*, 122, 282-292.
- Wallhead, T.L.**, Hagger, M., & **Smith, D.T.** (2010). Sport education and extra-curricular sport participation: An examination using the trans-contextual model of motivation. *Research Quarterly for Exercise and Sport*, 81, 442-455.
- Weyand, P.G., & **Bundle, M.W.** (2010). Point: Artificial limbs do make artificially fast running speeds possible. *Journal of Applied Physiology*, 108, 1111-1012.
- Weyand, P.G., & **Bundle, M.W.** (2010). Rebuttal: Artificial limbs do make artificially fast running speeds possible. *Journal of Applied Physiology*, 108, 1114.
- Weyand, P.G., & **Bundle, M.W.** (2010). Last Word on Point: Counterpoint: Artificial limbs do make artificially fast running speeds possible. *Journal of Applied Physiology*, 108, 1119.
- Weyand, P.G., Sandell, R.F., Prime, D.N., & **Bundle, M.W.** (2010). The biological limits to running speed are imposed from the ground up. *Journal of Applied Physiology*, 108, 950-961.
- Zhu, Q.**, & Bingham, G.P. (2010). Learning to perceive the affordance for long distance throwing: Smart mechanism or function of learning. *Journal of Experimental Psychology: Human Perception and Performance*, 36, 862-875.
- Zhu, Q.**, & Bingham, G. (2010). The size-weight illusion is not an illusion when picking the best objects to throw. Available from *Nature Proceedings* <<http://hdl.handle.net/10101/npre.2010.4584.1>> *
- * also featured in U.S. News Science (2011, January). Retrieved from <http://www.usnews.com/science/articles/2011/01/25/humans-critical-ability-to-throw-long-distances-aided-by-an-illusion>.

REFEREED CHAPTERS IN BOOKS/SYMPOSIUM PROCEEDINGS

In Press

- McCullick, B.A., & **Lux, K.** (in press). Physical education. In A. Lee & T.G. Gilmour (Eds.), *Introduction to physical education, exercise science, and recreation*. Beijing: Higher Education Press.

2012

Wallhead, T.L. (2012). Explaining the attraction: Understanding the motivational responses of students to Sport Education. In P. Hastie (Ed.). *Sport education: International perspectives* (pp. 133-148). New York: Routledge.

2011

Smith, D.T., Rockey, S.S., & Dorozynski, C.M. (2011). The other side of the equation: Increasing physical activity does not impact sitting time. *2nd International Conference Proceedings on Ambulatory Monitoring of Physical Activity and Movement*, 2, P2-56.

RESEARCH GRANTS AND CONTRACTS SUBMITTED

Raabe, J. [PI], & **Readdy, T.** [Faculty Supervisor]. *Self-determination theory in the context of collegiate cheer: An exploratory study*. National Collegiate Athletics Association 2012 Graduate Student Research Grant. Submitted in April 2012 in the amount of \$7,500.

Zhu, Q. [PI]. *Understanding aging in learning bimanual coordination*. International Research Collaboration Initiative Grant, Shanghai University of Sport, China. Submitted in April 2012 in the amount of ¥100,000.

RESEARCH GRANTS AND CONTRACTS AWARDED

2012-2013

Jones, S. [PI], & **Porter, C.M.** [Consultant]. (5/1/12-4/31/15). *COPASCities: Childhood obesity prevention in South Carolina communities*. USDA/NIFA/AFRI Childhood Obesity Prevention Grant (funded \$2,240,000)

Lux, K. [PI]. (6/12-6/13). *Perceived mattering of physical education teachers*. College of Health Sciences, University of Wyoming, Summer Seed Grant (funded \$4,764)

Porter, C.M. [PI/Project Director] with 17 academic and 9 community-based co-investigators. (4/12-3/13). *Food Dignity: Action research on engaging food insecure communities and universities in building sustainable community food systems*. USDA/NIFA/AFRI Competitive Grant no. 2011-68004-30074 (funded \$995,742)

Thomas, D.P. [PI]. (6/12-6/13). *Attenuation of myocardial infarction-induced heart failure by Apelin*. College of Health Sciences, University of Wyoming, Summer Seed Grant (funded \$6,000)

Zhu, Q. [PI]. (5/12-8-12). *Travel subsidy grant for presenting research*. College of Health Sciences, University of Wyoming, Summer Grant (funded \$750)

2011-2012

Porter, C.M. [PI/Project Director] with 17 academic and 9 community-based co-investigators. (4/11-3/16). *Food Dignity: Action research on engaging food insecure communities and universities in building sustainable community food systems*. USDA/NIFA/AFRI Competitive Grant no. 2011-68004-30074 (funded \$4,983,478)

- Porter, C.M.** [PI/Project Director] with 17 academic and 9 community-based co-investigators. (4/11-3/12). *Food Dignity: Action research on engaging food insecure communities and universities in building sustainable community food systems*. USDA/NIFA/AFRI Competitive Grant no. 2011-68004-30074 (funded \$995,742)
- Readdy, R.T.** [PI]. (5/11-4/12). *Student-athletes' perceptions of an intrinsic reward program: An exploration of self-determination theory in the context of college football*. College of Health Sciences, University of Wyoming, Summer Seed Grant (funded \$7,471)
- Readdy, T.** [Co-PI], & **Wallhead, T.** [Co-PI]. (5/11-4/12). *Anti-fat bias of pre-service physical education teachers*. American Alliance for Health, Physical Education, Recreation, and Dance (AAHPERD) Early Career Grant (funded \$7,500)
- Smith, D.T.** [PI] (9/11-12/11). *Clinically-compatible technology for behavior change and chronic disease prevention*. Wyoming SBIR/STTR Initiative (WSSI) Phase 0 (funded \$5,000)
- Smith, D.T.** [PI], & Ren, J. (5/11-4/12). *Adapting an e-health physical activity intervention for translation to a clinical setting*. NIH/NCRR 2P20RR016474, University of Wyoming INBRE (funded \$92,736)
- Wallhead, T.** [PI]. (5/11-4/12). *A didactic analysis of student development of social skills during co-operative learning*. College of Health Sciences, University of Wyoming, Summer Seed Grant (funded \$1,450)
- Wallhead, T.** [PI]. (5/11-4/12). *A didactic analysis of Maori student social skill development during co-operative learning*. University of Wyoming International Travel Grant (funded \$2,000)

2010-2011

- Jenkins, J.M.** [PI] (2010). *Incorporating technology into outreach classes KIN 4099 (spring 2011) and KIN 5012 (summer 2011)*. University of Wyoming Outreach Credit Program Tie Project (funded \$1,550)
- Porter, C.M.** [PI] (10/10-10/12). *Community politics and leadership: Community health*. Kettering Foundation Learning Contract (funded \$5000)
- Smith, D.T.** [PI] (5/10-4/11). *Clinical outcomes in a rural population core*. NIH/NCRR 2P20RR016474, University of Wyoming INBRE (funded \$143,000)
- Zhu, Q.** [PI] (5/10-6/11). *Investigating the effect of bimanual transfer on acquisition of Chinese handwriting*. University of Wyoming, College of Health Sciences, Summer Seed Research Grant (funded \$7,500)
- Zhu, Q.** [PI] (4/10-4/11). *Investigating the effect of bimanual transfer of learning on acquisition of long distance aimed overarm throwing*. University of Wyoming, Faculty Grant-in-Aid Program (funded \$7,500)

NATIONAL AND INTERNATIONAL PRESENTATIONS

2012

- Alphonsa, S., & **Zhu, Q.** (2012, June). *The perceived index of difficulty affected accuracy more than movement time in a rapid tapping task*. Poster to be presented at the NASPSPA Conference, Honolulu, HI.

- Benham Deal, T.** (2012, October). *Assessment in school health education: Making connections between preservice and inservice preparation*. Oral paper to be presented at the annual American School Health Association Conference, San Antonio, TX.
- Falvey, J., & **Zhu, Q.** (2012, June). *The effect of transcutaneous electrical nerve stimulation combined with mental practice to learn a novel fine motor skill*. Poster to be presented at the NASPSPA Conference, Honolulu, HI.
- Hemphill, M., Richards, K., & **Lux, K.** (2012, March). *Students' perceptions of the case study method in PETE*. Oral paper presented at the annual American Alliance for Health, Physical Education, Recreation, and Dance (AAHPERD) National Convention, Boston, MA.
- Ingersoll, C., & **Jenkins, J.M., & Lux, K.** (2012, March). *Pre-service teacher knowledge development in an early field experience*. Poster presented at the annual American Alliance for Health, Physical Education, Recreation, and Dance National Convention, Boston, MA.
- Kittinger, J., **Benham-Deal, T.**, & Alderman, B. (2012, March). *Adolescents' perception of parental and peer influence on physical activity*. Poster presented at the American Alliance for Health, Physical Education, Recreation, and Dance (AAHPERD) Convention, Boston, MA.
- Lux, K.**, Cluphf, D., Russell, J., & LeCheminant, J. (2012, March). *Effect of variations in team size on physical activity for soccer and basketball in a university basic instruction program*. Oral paper presented at the annual American Alliance for Health, Physical Education, Recreation, and Dance National Convention, Boston, MA.
- Lux, K.** & Woods, A.M. (2012, March). *National Board Certified physical educators: Perceived differences from classroom colleagues*. Oral paper presented at the annual American Alliance for Health, Physical Education, Recreation, and Dance National Convention, Boston, MA.
- Pelletier, D.L., & **Porter, C.M.** (2012, April). *Action research frontiers in nutrition*. Symposium session presented at the American Society for Nutrition Annual Meeting at Experimental Biology, Seattle, WA.
- Porter, C.M.**, Daftary, S., Herrera, H., Neideffer, M., Sequeira, E.J., & Sutter, V. (2012, April). *Food Dignity: Five community food system stories*. Symposium session presented at the American Society for Nutrition Annual Meeting at Experimental Biology, Seattle, WA.
- Porter, C.M.**, Daftary, S., Gregory, M., Herrera, H., & Sequeira, E.J. (2012, June). *Food dignity: Growing and learning from community-led food systems*. Oral presentation and panel discussion at the Society for Agriculture and Human Values, New York.
- Zhu, Q.** (2012, June). *Expert release control in response to changing spatial properties of a remote target*. Poster to be presented at the NASPSPA Conference, Honolulu, HI.
- Zhu, Q.**, Leonard, K., & Falvey, J. (2012, June). *The roles of self-identity and expertise in judging spatial properties of a hidden remote target in point-light-display of aimed throwing*. Poster to be presented at the NASPSPA Conference, Honolulu, HI.

2011

- Alderman, B. L., **Benham Deal, T.**, & Olson, R. (2011, June). *Parental and peer influence on middle school children's physical activity*. Poster presented at the American College of Sports Medicine Annual Conference, Denver, CO.
- Benham-Deal, T.** (2011, October). *Common core standards - Implications and applications for health and physical education in the new decade*. Oral paper presented at the American School Health Association Conference, Louisville, KY.
- Benham-Deal, T.**, Hudson, N., & Lohrmann, D. (2011, October). *Common core standards, health education, and the health literate student*. Oral paper presented at the American School Health Association Conference, Louisville, KY.
- Bradley, K., Herrera, H., Gong, S., & **Porter, C.M.** (2011, March). *Food sovereignty from the roots*. Oral paper presented at the Society for Applied Anthropology, Seattle, WA.
- Bryant, C., **Readdy, T.**, Putnam, D., Pinkerton, P., & Schary, D. (2011, March). *Growth culture: How to successfully build an athlete's motivation*. Oral panel presentation at the American Alliance for Health, Physical Education, Recreation, and Dance Annual Conference, San Diego, CA.
- Herrera, H., Marshall, D., **Porter, C.M.**, Sequeira, E.J., Sutter, V., & Woodsum, G. (2011, November). *Tapping the roots: Radically democratic organizing for food dignity*. Networking oral session at the annual meeting for the Community Food Security Coalition, Oakland, CA.
- Herrera, H., & **Porter, C.M.** (2011, June). *The nexus of food systems, anti-hunger work and obesity prevention: Values, praxis, policies and politics in action*. Oral paper presented at the Joint Annual Meetings of AFHVS, ASFS, and SAFN, Missoula, MT.
- Herrera, H., & **Porter, C.M.** (2011, October). *You work for us: Complexities of community leadership in community-based public health*. Roundtable presented at the American Public Health Association Annual Meeting, Washington, D.C.
- Jenkins, J.** (2011, March). *Preservice teacher observations of novice and master teachers*. Poster presented at the annual American Alliance for Health, Physical Education, Recreation, and Dance Convention, San Diego, CA.
- Jenkins, J.M.** (2011, June). *Curriculum in the early physical education teaching career*. Poster presented at the Association Internationale des Ecoles Superieures d'Education Physique (AIESEP) International Congress, Limerick, Ireland.
- Lux, K.** & McCullick, B. (2011, March). *How one exceptional physical education teacher navigated her working environment as the teacher of a marginal subject*. Poster presented at the American Alliance for Health, Physical Education, Recreation, and Dance (AAHPERD) Convention. San Diego, CA.
- Monterrosa, E., & **Porter, C.M.** (2011, April). *Transitioning out of the nutrition transition: Using a socio-political lens for understanding dietary changes in the developing world*. Poster presented at the American Society for Nutrition Annual Meeting at Experimental Biology, Washington, D.C.
- Porter, C.M.** (2011, October). *Don't walk this talk: Public health discourse that disempowers*. Poster presented at the American Public Health Association Annual Meeting, Washington, D.C.
- Porter, C.M.** (2011, April). "Choice:" *What we mean by it and what that means for obesity prevention*. Poster presented at the American Society for Nutrition Annual

- Meeting of Experimental Biology, Washington, D.C.
- Porter, C.M.**, & Herrera, H. (2011, June). *Introducing "Food Dignity:" A five-year action research initiative on building sustainable community food systems*. Oral paper presented at Joint Annual Meetings of AFHVS, ASFS, and SAFN. Missoula, MT.
- Porter, C.M.**, Herrera, H., & Sequeira, E.J. (2011, November). *Community food system organizing for obesity and hunger prevention in the US*. Oral paper presented at the American Public Health Association Annual Meeting, Washington, D.C.
- Porter, C.M.**, Herrera, H., & Sequeira, E.J. (2011, April). *Community food system approaches to preventing obesity and hunger in the US*. Oral paper presented at the American Society for Nutrition Annual Meeting of Experimental Biology, Washington, D.C.
- Porter, C.M.**, & McCrackin, P. (2011, November). *Practice and potential of catalyzed minigrants for democratic community health*. Poster presented at the American Public Health Association Annual Meeting, Washington, D.C.
- Ravi, R.P., & **Zhu, Q.** (2011, June). *Expert throwers can perceive spatial properties of a remote target in point-light display of self throws prior to release*. Poster presented at the annual NASPSPA Conference, Burlington, VT.
- Readdy, T.**, & **Wallhead, T.** (2011, September). *Applying the coach-athlete relationship model: College football coaches' interpretation and utilization of a self-determination theory workshop*. Oral paper presented at the 26th Annual Conference of the Association of Applied Sport Psychology, Honolulu, Hawaii.
- Richards, K.A., Hemphill, M.A., Templin, T., & **Lux, K.** (2011, June). *Experiencing the case study method in PETE: Preservice teacher perspectives*. Poster presented at the Association Internationale des Ecoles Superieures d'Education Physique (AIESEP) International Congress, Limerick, Ireland.
- Sanchez, E., **Byra, M.**, & **Wallhead, T.** (2011, June). *Students' perceptions of the command, practice, and inclusion styles of teaching*. Oral paper presented at the Association Internationale des Ecoles Superieures d'Education Physique (AIESEP) International Congress, Limerick, Ireland.
- Sanchez, E., **Byra, M.**, & **Wallhead, T.** (2011, June). *Student and teacher behaviors in the command, practice, and inclusion styles of teaching*. Oral paper presented at the Association Internationale des Ecoles Superieures d'Education Physique (AIESEP) International Congress, Limerick, Ireland.
- Scarcliff, J., & **Wallhead, T.** (2011, June). *A didactic analysis of student tactical learning during the Sport Education Tactical model*. Poster presented at the Association Internationale des Ecoles Superieures d'Education Physique (AIESEP) International Congress, Limerick, Ireland.
- Smith, D.T.** (2011, June). *The other side of the equation: Increasing physical activity does not impact sitting time*. Oral paper presented at the International Conference on Ambulatory Monitoring of Physical Activity and Movement in Glasgow, Scotland.
- Woods, A.M., **Lux, K.**, O'Connor, J., & Linker, J. (2011, June). *Collaboration, confidence, and personal expectation: Effects of National Board Certification on PE teachers' work*. Oral paper presented at the Association Internationale des Ecoles Superieures d'Education Physique (AIESEP) International Congress, Limerick, Ireland.

Zhu, Q. (2011, June). *Does string tension make sense to badminton players? A study on the affordance of string tension.* Oral paper presented at the annual NASPSPA Conference, Burlington, VT.

2010

- Barrett, S.F., & **Bundle, M.W.** (2010, April). *Instrumentation array for biomechanical reproducibility.* Oral paper presented at the 47th International ISA Biomedical Sciences Instrumentation Symposium, Laramie, WY.
- Hudson, N., & **Benham-Deal, T.** (2010, October). *Using cognitively demanding assessments in health education to improve students' critical thinking skills.* Oral paper presented at the annual Conference of the American School Health Association, Kansas City, MO.
- Porter, C.M.** (2010, April). *How communities prevent childhood obesity: Three case studies.* Oral paper presented at the annual meeting of the American Society for Nutrition, Experimental Biology, Anaheim, CA.
- Porter, C.M.** (2010, November). *Post-paternalist public health: Examples in community-based obesity prevention.* Poster presented at the American Public Health Association Annual Meeting, Denver, CO.
- Porter, C.M.,** & Herrera, H. (2010, November). *Successes and challenges in community-based childhood obesity prevention.* Oral paper presented at the American Public Health Association Annual Meeting, Denver, CO.
- Readdy, T.** (2010, October). *Weighing in on NBC's "The Biggest Loser:" Surveillance medicine, self-concept, and gender on the scale.* Oral paper presented at the 25th Annual Conference of the Association of Applied Sport Psychology, Providence, RI.
- Rockey, S.S., Dorozynski, C.M., Bischoff, S., & **Smith, D.T.** (2010, June). *Total energy intake is decreased by an internet-delivered physical activity behavior change program.* Poster presented at the Annual American College of Sports Medicine Meeting, Baltimore, MD.
- Sexton, M.M., Dayton, J., Beck, Z., Larson-Meyer, D.E., & **Smith, D.T.** (2010, June). *Establishing a steps per day to cardiometabolic disease risk factor dose-response.* Poster presented at the Annual American College of Sports Medicine Meeting, Baltimore, MD.
- Thomas, D.P.,** Waggy, E., Armstrong, C., Brown, K., Wang, J., & Li, J. (2010, June). *Exercise training enhances cardiac AMP-activated protein kinase signaling to both physiological and pathological stress.* Interactive poster presented at the 15th annual Congress of Sport Science, Antalya, Turkey.

INVITED PRESENTATIONS

2012

Wallhead, T.L. (2012, May). *A didactic lens to examine the dynamics of peer-assisted learning in physical education.* Invited oral paper presented at the University of Auckland, New Zealand.

2011

- Lux, K.** (2011, October). *The marginalization of physical education and its effect on physical education teachers*. Invited oral paper presented at the International Forum of Scientific Research Method of Kinesiology, Beijing Sport University, Beijing, China.
- Lux, K.** (2011, October). *Careers and professional opportunities in physical education*. Invited oral paper presented at the New Tiyu Science and Physical Education International Forum, Suzhou, China.
- Porter, C.M.** (2011, November). *Greater than its parts: Farmers, food movements, and community health*. Invited speaker for Rockey Mountain Farmers Union Convention, Cheyenne, WY.
- Porter, C.M.** (2011, March). *Connecting the dots to create healthier communities*. Invited oral paper presented at the Wyoming Dietetic Association Annual Conference, Laramie, WY.
- Thomas, D.P.** (2011, June). *Extracellular matrix as a modulator of heart function: Contrasting training-induced vs. pathological left ventricular hypertrophy (LVH)*. Invited oral paper presented at the School of Sport, Health, and Exercise Sciences, Bangor University, Gwynedd, UK.

2010

- Bundle, M.W.** (2010, October). *Prosthetic use during high speed running*. Invited oral paper presented at the American Academy of Orthotists and Prosthetists, Chicago, IL.
- Bundle, M.W.** (2010, October). *The mechanical and neuro-muscular determinants of whole-body rates of muscle fatigue*. Invited oral paper presented at the Department of Health and Exercise Science, Colorado State University, Fort Collins, CO.
- Bundle, M.W.** (2010, April). *Do artificial limbs permit artificial running speeds?* Keynote address presented at the 47th International ISA Biomedical Sciences Instrumentation Symposium, Laramie, WY.

MASTER OF SCIENCE DEGREE GRADUATES

2012

<u>Student</u>	<u>Chair/Advisor</u>	<u>Member</u>
Brown, Kevin (Thesis, 5/12) Title: <i>Does Gender Affect Cardiac AMPK Activation in Response to Exhaustive Exercise?</i>	Paul Thomas	Derek Smith
Francis, LeAnn (Plan B Paper, 5/12) Title: <i>Integrating Elementary Health Education and English Language Arts Common Core Standards</i>	Tami Benham Deal	Jayne Jenkins
Ingersoll, Casey (Thesis, 5/12) Title: <i>Physical Education Pre-service Teacher Knowledge Development in a Field Experience</i>	Jayne Jenkins	Karen Lux
Jensen, Megan (Plan B Paper, 5/12) Title: <i>Stress Fractures in Collegiate Track Athletes: An Examination of Potential Causes and Treatment Options</i>	Tristan Wallhead	Joi Thomas
McMahen, Derrick (Thesis, 5/12) Title: <i>A Didactic Analysis of Tactical Transfer during the Tactical Games Approach</i>	Tristan Wallhead	Tucker Readdy

- Rice, Brady** (Plan B Paper, 8/12) Derek Smith Joi Thomas
 Title: *The Efficacy of Modality Use on the Signs and Symptoms of Delayed Onset Muscle Soreness*
- Smith, Stephanie** (Plan B Paper, 5/12) Mark Byra Joi Thomas
 Title: *Literature Review of Health Conditions Associated with MetS, and Nutritional and Exercise Interventions*

2011

- | <u>Student</u> | <u>Chair/Advisor</u> | <u>Member</u> |
|--|----------------------|------------------|
| Armstrong, Casey (Thesis, 12/11)
Title: <i>Training Effects on Acetyl CoA Carboxylase in the Heart and Cardioprotection</i> | Paul Thomas | Derek Smith |
| Barrett, Graham (Plan B Paper, 12/11)
Title: <i>Assessment of the Instrumentation and Data Collection Techniques Used in Posturography</i> | Mark Byra | Derek Smith |
| Gato, Ethan (Plan B Paper, 5/11)
Title: <i>Hamstring Development for Improved Performance and Injury Prevention in Young Track and Field Sprinters and Jumpers</i> | Mark Byra | Gary Werhonig |
| Howdysell, Joe (Plan B Paper, 12/11)
Title: <i>Adaptation Signal Determinants in Aerobic Exercise</i> | Mark Byra | Paul Thomas |
| Marso, Molly (Plan B Paper, 12/11)
Title: <i>K-12 Physical Education Curriculum</i> | Jayne Jenkins | Tami Benham Deal |
| May, Alisha (Thesis, 8/11)
Title: <i>Parental Social Support and Youth Physical Activity</i> | Tami Benham Deal | Jayne Jenkins |
| Pratt, Yong (Plan B Paper, 5/11)
Title: <i>Dancing Through the Spectrum: Dancers as Decision Makers</i> | Mark Byra | Tami Benham Deal |
| Scarcliff, Jamie (Thesis, 5/11)
Title: <i>A Didactic Analysis of Student Learning During the Sport Education Tactical Model</i> | Tristan Wallhead | Mark Byra |
| Sexton, Megan (Thesis, 5/11)
Title: <i>Physical Activity Behavior Change: Is it a Gateway to Dietary Change?</i> | Derek Smith | Christine Porter |
| Sundberg, Chris (Thesis, 5/11)
Title: <i>Differences in Fractional Cumulative Durations of Muscular Activity: A Primary Function in Determining the Time-course of Muscle Force Impairment</i> | Matt Bundle | Derek Smith |
| Waggy, Ed (Thesis, 5/11)
Title: <i>Training Modulates the Heart's Responses to Exhaustive Exercise</i> | Paul Thomas | Derek Smith |

2010

- | <u>Student</u> | <u>Chair/Advisor</u> | <u>Member</u> |
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| Armstrong, Ashley (Plan B Paper, 5/10)
Title: <i>Perceptions of and Adherence to Health Promotion Participation</i> | Tena Hoyle | Mark Byra |
| Bischoff, Steven (Thesis, 8/10)
Title: <i>The Effects of Goal Setting on Increasing Physical Activity Behavior Through a 16-week Internet-delivered Intervention</i> | Derek Smith | Mark Byra |
| Black, Kori (Plan B Paper, 12/10)
Title: <i>Motor Development in Children with Down Syndrome</i> | Tristan Wallhead | Mark Byra |
| Evenson, Bobbie (Plan B Paper, 5/10) | Tami Benham Deal | Jayne Jenkins |

Title: *Craig Middle School Physical Education Curriculum: Facelift Complete!*
Howe, Quincy (Plan B Paper, 8/10) Matt Bundle Mark Byra
 Title: *The Horizontal Jumping Events in Track and Field*
Kittinger, Jill (Thesis, 12/10) Tami Benham Deal Jayne Jenkins
 Title: *Correlates of Physical Activity in Young Adolescents: Do Perceptions about Behaviors and Beliefs Matter?*
Korsch, Tobin (Plan B Paper, 8/10) Tena Hoyle Mark Byra
 Title: *Dental Sealant as a Means of Caries Prevention*
Sanchez, Elizabeth (Thesis, 12/10) Mark Byra Tristan Wallhead
 Title: *Students' Experiences with the Command, Practice, and Inclusion Styles of Teaching*