**REFEREED JOURNAL ARTICLES**

**In Press**


**2012**


2011


2010


**REFEREED CHAPTERS IN BOOKS/SYMPOSIUM PROCEEDINGS**

**In Press**

2012

2011

RESEARCH GRANTS AND CONTRACTS SUBMITTED

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]. (5/1/12-4/30/15). COPASCities: Childhood obesity prevention in South Carolina communities. USDA/NIFA/AFRI Childhood Obesity Prevention Grant (funded $2,240,000)

Lux, K. [PI]. (6/1/12-6/13). 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. (4/1/12-3/13). 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]. (6/1/12-6/13). 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]. (5/1/12-8/12). 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. (4/1/11-3/16). 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)


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.

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.


Meeting of Experimental Biology, Washington, D.C.


**2010**


**INVITED PRESENTATIONS**

**2012**


**2011**


Porter, C.M. (2011, November). *Greater than its parts: Farmers, food movements, and community health*. Invited speaker for Rocky Mountain Farmers Union Convention, Cheyenne, 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, 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

<table>
<thead>
<tr>
<th>Student</th>
<th>Chair/Advisor</th>
<th>Member</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brown, Kevin</td>
<td>Paul Thomas</td>
<td>Derek Smith</td>
</tr>
<tr>
<td>(Thesis, 5/12)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Title: <em>Does Gender Affect Cardiac AMPK Activation in Response to Exhaustive Exercise?</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Francis, LeAnn</td>
<td>Tami Benham Deal</td>
<td>Jayne Jenkins</td>
</tr>
<tr>
<td>(Plan B Paper, 5/12)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Title: Integrating Elementary Health Education and English Language Arts Common Core Standards</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ingersoll, Casey</td>
<td>Jayne Jenkins</td>
<td>Karen Lux</td>
</tr>
<tr>
<td>(Thesis, 5/12)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Title: <em>Physical Education Pre-service Teacher Knowledge Development in a Field Experience</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jensen, Megan</td>
<td>Tristan Wallhead</td>
<td>Joi Thomas</td>
</tr>
<tr>
<td>(Plan B Paper, 5/12)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Title: Stress Fractures in Collegiate Track Athletes: An Examination of Potential Causes and Treatment Options</td>
<td></td>
<td></td>
</tr>
<tr>
<td>McMahen, Derrick</td>
<td>Tristan Wallhead</td>
<td>Tucker Readdy</td>
</tr>
<tr>
<td>(Thesis, 5/12)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Title: <em>A Didactic Analysis of Tactical Transfer during the Tactical Games Approach</em></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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
Student Chair/Advisor Member
Armstrong, Casey (Thesis, 12/11) Paul Thomas Derek Smith
Title: Training Effects on Acetyl CoA Carboxylase in the Heart and Cardioprotection

Barrett, Graham (Plan B Paper, 12/11) Mark Byra Derek Smith
Title: Assessment of the Instrumentation and Data Collection Techniques Used in Posturography

Gato, Ethan (Plan B Paper, 5/11) Mark Byra Gary Werhonig
Title: Hamstring Development for Improved Performance and Injury Prevention in Young Track and Field Sprinters and Jumpers

Howdyshell, Joe (Plan B Paper, 12/11) Mark Byra Paul Thomas
Title: Adaptation Signal Determinants in Aerobic Exercise

Marso, Molly (Plan B Paper, 12/11) Jayne Jenkins Tami Benham Deal
Title: K-12 Physical Education Curriculum

May, Alisha (Thesis, 8/11) Tami Benham Deal Jayne Jenkins
Title: Parental Social Support and Youth Physical Activity

Pratt, Yong (Plan B Paper, 5/11) Mark Byra Tami Benham Deal
Title: Dancing Through the Spectrum: Dancers as Decision Makers

Scarcliff, Jamie (Thesis, 5/11) Tristan Wallhead Mark Byra
Title: A Didactic Analysis of Student Learning During the Sport Education Tactical Model

Sexton, Megan (Thesis, 5/11) Derek Smith Christine Porter
Title: Physical Activity Behavior Change: Is it a Gateway to Dietary Change?

Sundberg, Chris (Thesis, 5/11) Matt Bundle Derek Smith
Title: Differences in Fractional Cumulative Durations of Muscular Activity: A Primary Function in Determining the Time-course of Muscle Force Impairment

Title: Training Modulates the Heart’s Responses to Exhaustive Exercise

2010
Student Chair/Advisor Member
Armstrong, Ashley (Plan B Paper, 5/10) Tena Hoyle Mark Byra
Title: Perceptions of and Adherence to Health Promotion Participation

Bischoff, Steven (Thesis, 8/10) Derek Smith Mark Byra
Title: The Effects of Goal Setting on Increasing Physical Activity Behavior Through a 16-week Internet-delivered Intervention

Black, Kori (Plan B Paper, 12/10) Tristan Wallhead Mark Byra
Title: Motor Development in Children with Down Syndrome

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