The University of Montana Graduate Programs in the Department of Health and Human Performance

http://www.soe.umt.edu/hhp/graduate_programs/default.html
Nestled in the Rocky Mountain grandeur of western Montana, Missoula is the hub of five valleys and three major rivers – the Blackfoot, the Bitterroot and the Clark Fork. Roughly halfway between Glacier and Yellowstone national parks, Missoula is a blend of small-town charm and big-city sophistication.

One of the first things visitors notice is how friendly people are here. With about 60,000 residents and visitors from around the globe, the city has an increasingly diverse population. On summer Saturdays, Missoulian’s congregate at the Farmer’s Market for fresh produce, coffee and conversation. Year-round, they meet on the recreation trails that run alongside the river through the heart of downtown and past campus. Hiking, bicycling, fly fishing, river rafting and skiing are all big here. It’s no wonder that the book “How to Get an Ivy League Education at a State University” called Missoula “a Rocky Mountain Berkeley ... the kind of place many people hate to leave.”

HHP PROGRAM DESCRIPTIONS
The Department of Health and Human Performance (HHP) in the College of Education and Human Sciences at UM has three different Masters degree curriculum tracks, each with the option of a thesis or professional paper. The three options are Exercise Science, Community Health, and HHP Generalist.

POTENTIAL CAREER OPPORTUNITIES:

Athletic Programs:
- Strength & Conditioning Coach
- Sport Coach

Exercise & Fitness Center:
- Program Director
- Personal Trainer
- Exercise Specialist
- Fitness Instructor

Hospital Wellness Programs:
- Program Director
- Exercise Specialist
- Fitness Instructor
- Health/Patient Educator

Corporate Fitness Programs:
- Program Director
- Exercise Specialist
- Health Promotion Specialist

Rehabilitation Centers:
- Exercise Specialist
- Exercise Testing Technician

Community Health
- Non-Profit Program Director
- Public Health Specialist
- Human Resources or Wellness Program Director/Specialist
- Community Health Specialist

- Indian Health Service or Tribal Health Program Disease Prevention Specialist
- HIV/AIDs Community Program Director/Specialist
- Employee Health Program Specialist
- University/College Student Wellness Program Specialist

Preparation for Further Study In:
- Physical Therapy
- Medicine
- Physician's Assistant
- Chiropractic Medicine
- Exercise Physiology
- Nutritional Science
- Graduate Programs (Ph.D.)
- Nursing
- Community Health/Public Health

Other Allied Areas:
- Research & Development
- Exercise Equipment
- Sales
- Exercise & Testing Equipment
- Pharmaceuticals
- Sports Performance & Fitness Testing

Useful links:
EXERCISE SCIENCE

The **Research Option** is designed for those students who intend to pursue further graduate studies. This option involves a more intensive study of laboratory methods and statistical and research design. A thesis is required.

The **Applied Option** is intended for those students who plan to pursue professional careers in Exercise or Applied Sciences (corporate/adult fitness, cardiac rehabilitation, strength and conditioning). This option involves additional required course work and an internship. Coursework is modified to meet student needs.

**Prerequisites** for the Exercise Science option include a year of Anatomy and Physiology and Exercise Physiology.

### Core Requirements (23 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>HHP 486</td>
<td>Statistical Procedures in Education (or advisor approved substitution)</td>
<td>3</td>
</tr>
<tr>
<td>HHP 520</td>
<td>Educational Research</td>
<td>3</td>
</tr>
<tr>
<td>HHP 529</td>
<td>Advanced Physiology of Exercise I</td>
<td>3</td>
</tr>
<tr>
<td>HHP 530</td>
<td>Advanced Physiology of Exercise II</td>
<td>3</td>
</tr>
<tr>
<td>HHP 524</td>
<td>Ethics in Health &amp; Human Performance</td>
<td>3</td>
</tr>
<tr>
<td>HHP 531</td>
<td>Laboratory Procedures in Exercise Science</td>
<td>3</td>
</tr>
<tr>
<td>HHP 528</td>
<td>Advanced Exercise Prescription</td>
<td>3</td>
</tr>
<tr>
<td>HHP 594</td>
<td>Graduate Seminar (2 X 1 credit each fall)</td>
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</table>

**Total 23**

### Research Option Requirements: (41 credits minimum)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>HHP 699</td>
<td>Thesis</td>
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</table>

### Applied Option Requirements: (42 credits minimum)

<table>
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<th>Credits</th>
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</thead>
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<tr>
<td>HHP 598</td>
<td>Internship</td>
<td>3</td>
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<tr>
<td>HHP 599</td>
<td>Professional Paper</td>
<td>3</td>
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<td>OR</td>
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<td>OR</td>
<td>Written comprehensive exam</td>
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</table>

### Possible Electives (to meet minimum credit requirements)

Elective credits must be chosen in consultation with and approved by the student’s academic advisor. Some examples...

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>NUTR 411</td>
<td>Nutrition for Sport</td>
<td>3</td>
</tr>
<tr>
<td>HHP 475</td>
<td>Legal &amp; Ethical Issues in the Exercise Professions</td>
<td>3</td>
</tr>
<tr>
<td>HHP 460</td>
<td>Electrocardiogram Assessment</td>
<td>2</td>
</tr>
<tr>
<td>HHP 483</td>
<td>Exercise, Disease and Aging</td>
<td>3</td>
</tr>
<tr>
<td>HHP 484</td>
<td>Exercise, Disease and Aging – Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>HHP 485</td>
<td>Theories of Health Behavior &amp; Counseling</td>
<td>3</td>
</tr>
<tr>
<td>HHP 415</td>
<td>Health &amp; the Mind, Body, Spirit Relationship</td>
<td>3</td>
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<tr>
<td>HHP 544</td>
<td>Community Based Participatory Research</td>
<td>3</td>
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<tr>
<td>HHP 540</td>
<td>Health Promotion Strategies</td>
<td>3</td>
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<tr>
<td>HHP 488</td>
<td>Program Planning for Community Health</td>
<td>3</td>
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<tr>
<td>HHP 465</td>
<td>Leading HHP Organizations</td>
<td>3</td>
</tr>
<tr>
<td>HHP 417</td>
<td>Fundamentals of Coaching</td>
<td>3</td>
</tr>
<tr>
<td>HHP 544</td>
<td>Community Based Participatory Research Methods</td>
<td>3</td>
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COMMUNITY HEALTH

The Community Health Graduate option is designed to provide students with an in-depth knowledge of the role of program planning and behavioral science theory in the development of health related programs designed to improve the physical, mental and social health of individuals and communities. Graduates in Community Health are prepared to work in a variety of settings. These include non-profit health organizations, public health departments, corporate wellness programs, college and university human resource and wellness programs, community health agencies, and primary health care sites such as hospitals and health organizations.

Students who will be most successful in the community health major are those who are deeply interested in the interrelationship among all aspects of health (social, emotional, mental, spiritual and physical) and in the life sciences and behavioral sciences. In addition, success in this field requires imagination and creativity in applying scientific knowledge to strategies for individual and community change through a wide range of educational, environmental and political approaches. Students graduating with a degree in Community Health will be eligible to take the national exam to become Certified Health Education Specialists.

Prerequisites for the Community Health option are on a case by case basis. Interested students are encouraged to contact Blakely Brown (blakely.brown@umontana.edu), Laura Dybdal (laura.dybdal@umontana.edu), or Annie Sondag (annie.sondag@umontana.edu).

Core Requirements (20 credits)

<table>
<thead>
<tr>
<th>Course</th>
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<tr>
<td>HHP 485</td>
<td>Theories of Health Behavior &amp; Counseling</td>
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<tr>
<td>HHP 486</td>
<td>Statistical Procedures in Education</td>
</tr>
<tr>
<td>OR</td>
<td>Social Data Analysis</td>
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<tr>
<td>SOC 563</td>
<td>Health &amp; the Mind, Body, Spirit Relationship</td>
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<td>HHP 544</td>
<td>Community Based Participatory Research</td>
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<td>HHP 524</td>
<td>Ethics in Health &amp; Human Performance</td>
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<tr>
<td>HHP 540</td>
<td>Health Promotion Strategies</td>
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<tr>
<td>HHP 488</td>
<td>Program Planning for Community Health</td>
</tr>
<tr>
<td>HHP 594</td>
<td>Graduate Seminar (2 X 1 credit each fall)</td>
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<td>Total 23</td>
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Thesis Option Requirements: (38 credits minimum)

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<tbody>
<tr>
<td>HHP 699</td>
<td>Thesis</td>
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<td>OR</td>
<td>Written comprehensive exam</td>
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Professional Paper Option Requirements: (38 credits minimum)

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<td>HHP 598</td>
<td>Internship</td>
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<tr>
<td>HHP 599</td>
<td>Professional Paper</td>
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<tr>
<td>OR</td>
<td>Written comprehensive exam</td>
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</table>

Electives (minimum 9 credits)

Elective credits must be chosen in consultation with and approved by the student’s academic advisor.
HHP GENERALIST

This option prepares students who are seeking a broad general knowledge in the field of Health and Human Performance. The broad-based option responds to the needs of students who do not desire to specialize, but want to focus on the diversity of Health and Human Performance. The broad-based option offers the flexibility to design individualized programs, enabling students to pursue career paths requiring expertise in multiple areas.

Prerequisites for the Generalist option include Anatomy and Physiology and Psychology.

Degree Course Work Requirements (37 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<td>HHP 520</td>
<td>Educational Research</td>
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<td>HHP 524</td>
<td>Ethics in Health and Human Performance</td>
<td>3</td>
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<tr>
<td>HHP 540</td>
<td>Health Promotion Strategies</td>
<td>3</td>
</tr>
<tr>
<td>HHP 594</td>
<td>Graduate Seminar (2 X 1 credit each fall)</td>
<td>2</td>
</tr>
<tr>
<td>HHP 596</td>
<td>Independent Study</td>
<td>2</td>
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<td>HHP 699</td>
<td>Thesis</td>
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<td></td>
<td>OR Written Comprehensive Exam</td>
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<td></td>
<td>OR</td>
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</tr>
<tr>
<td>HHP 599</td>
<td>Professional Paper</td>
<td>3</td>
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</tbody>
</table>

Total 16-22

 Electives (minimum 18 credits)
Elective credits must be chosen in consultation with and approved by the student’s academic advisor.
ADMISSION REQUIREMENTS

1. Application Materials and Deadline

To ensure consideration for a teaching assistantship for the fall semester, application packet materials must be received by March 1st. All applicants are encouraged to apply by March 1st. Application packets submitted after this date are reviewed by the HHP Graduate Committee depending upon program space. Applications for spring semester will be evaluated on a case-by-case basis.

Instructions for applying to the Graduate School are in the Applying for Admission section of the UM Graduate School web site (http://life.umt.edu/grad/Apply/default.php).

In addition to the application materials required by the Graduate School, the Department of Health and Human Performance also requires:

- A statement of purpose of your background and goals, including your degree option choice. (max 500 words)
- A resume/curriculum vitae

2. Requirements for Full Admission

- A bachelor's degree.
- Minimum GPA of 3.0 for all college work.
- Minimum combined GRE verbal and quantitative score of 900 (minimum standards for the new GRE will be developed soon).
- The Health and Human Performance department accepts GRE scores with a test date that is within the past five years OR verifiable GRE scores if the test date is over five years old.

3. International Students

- Application deadline of January 1
- The TOEFL exam can substitute for the GRE.
- See the following sections on the UM Graduate School web site.
  
  Graduate school  http://life.umt.edu/grad/default.php
  Grad school resources  http://life.umt.edu/grad/Resources/default.php
  Graduate admissions  http://life.umt.edu/grad/Apply/default.php

GRADUATE ASSISTANTSHIPS (GA)

UM provides teaching assistantships which are generally limited to ½ time assistantships. The minimum stipend (2 semesters) for a teaching assistantship from the Graduate School in 2013-2014 was $4,500. All ½ time teaching assistantships come with a one semester tuition waiver. The most common duties of graduate assistants in the Department include helping with activity classes, academic classes, and assisting with undergraduate lab classes. Additionally, grant funding from individual faculty members may be available to supplement student income. These funds depend on faculty research funding and prospective students are encouraged to contact faculty to inquire about these opportunities. Extra funding from additional sources can conspire to allow students to apply for out of state waivers through the TARA guidelines. Current tuition rates can be found here http://www.umt.edu/bussrvcs/Students/Tuition%20and%20Fees/default.aspx. Tuition Waivers cover the cost of in-state or out-of-state tuition and the $30 registration fee for one semester. Other fees charged by the University are not covered. Fees depend on number of credits and residency status. They range from $500-$3000.

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Assistantship Application and Deadline

**New students**: Students should indicate their interest in an assistantship within the admission materials of the graduate school application. Students should request a GA application from Dr. Dumke following the completion of their application to the program. **Returning students**: submit a letter of intent and GA application to the graduate coordinator, Chuck Dumke, McGill Hall #103 or charles.dumke@umontana.edu.

Contact info about HHP graduate students, and address to send in GA application:

Charles Dumke, PhD, FACSM  
Graduate Program Coordinator  
University of Montana  
Health and Human Performance  
103 McGill Hall  
32 Campus Drive  
Missoula, MT 59812  
charles.dumke@umontana.edu  
406.243.6176

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**FACULTY RESEARCH INTERESTS**

The backgrounds, areas of expertise, and research interests of the HHP faculty are expansive and provide a broad base to accommodate the needs and specific interests of graduate students. Please also refer to our web page (http://coehs.umt.edu/departments/hhp/default.php) for additional information about our faculty and their research interests.

**EXERCISE SCIENCE:**

**Dr. Charles Dumke** researches the effect of exercise, environment and nutrition on fuel metabolism and the adaptations associated with training.


**Dr. Brent Ruby** researches the effects of environmental stress (heat, cold, hypoxia) on the bodies ability to adapt and acclimatize. In addition Dr. Ruby is interested in the use of stable isotope tracers for measures of total energy expenditure and water turnover and the dietary needs of ultra-endurance athletes and workers.


**Dr. Matt Bundle**, and his students, study the relationship the forces produced by human muscle and the resulting movements of the body. At present we are actively investigating, 1) how musculo-skeletal function influences the top sprinting speeds human runners can attain, 2) how the mechanics of muscular contraction influence the rates of performance loss that occur as individuals perform brief exhaustive exercise, and 3) how the postural movements that occur during standing are influenced by exercise and mild traumatic brain injuries.

COMMUNITY HEALTH:
Dr. Annie Sondag’s research is focused on examining the physical, social and mental health needs of stigmatized and underserved segments of the population. Currently, Dr. Sondag is collaborating with the Montana Department of Public Health and Human Services to assess the health related needs of the transgender/ genderqueer communities.

Dr. Laura Dybdal’s scholarship interests are broad including research in HIV prevention, rural and Native populations, and creative work in Social Marketing media strategies. Dr. Dybdal is director of the new Mind-Body lab at UM and is conducting studies on health and the Mind-Body relationship.

Dr. Blakley Brown’s research, teaching and service focus on nutrition and chronic disease prevention, maternal-child health, childhood obesity and diabetes prevention, community-based participatory research methods, Native American health and diversity-related activities. Her areas of expertise are successful research collaborations with rural and Native American communities that have resulted in longitudinal studies reporting risk factors for diabetes in native and non-native children, assessments of environmental and behavioral factors associated with risk for childhood obesity and diabetes in rural communities, implementation of community-based strategies to improve rural food environments and conducting randomized, controlled trials for preventing obesity and diabetes in youth.

ATHLETIC TRAINING:
Dr. Valerie Moody- is the athletic training program director and her research interests focus on athletic training education, teaching styles, active learning strategies, and helping students answer questions related to clinical practice of athletic trainers.

GENERALISTS:
Dr. Charles Palmer researches the human factors involved in high risk professions, particularly wildland firefighters.

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**Dr. Gene Burns** specializes in Ethics, Philosophy and the History of Higher Education and Health and Human Performance. Currently he is working on The History of Physical Education at The University of Montana, 1865 – present


**Dr. Arthur "Tucker" Miller** studies player and coach's involvement in youth sports and public school teacher effectiveness.


GRADUATE STUDENT RESEARCH:

In addition, graduate students at University of Montana have completed some of their own research. Following is a brief list of some of the projects that graduate students have completed in recent years. More can be found on the UM e-thesis site which is searchable by department: [http://www.lib.umt.edu/etd](http://www.lib.umt.edu/etd)

**Exercise Science:**
Michael Powell - Design and Testing of High Speed Instrumented Treadmill.

Tyler Gallo - Continuous measures of muscle blood flow during all-out dynamic exercise.

Timothy Hampton – IMPLICATIONS OF DISCONTINUOUS EXERCISE (WALK/RUN) ON THE MAINTENANCE OF THERMOREGULATION IN THE HEAT

Felipe VonSydow - EFFECTS OF EXOGENOUS ICE SLURRY ON THE MITIGATION OF PSI

Michael Cramer - The effects of fast food versus commercial recovery product dietary choices on immediate post-exercise glycogen re-synthesis and exercise performance

Hilary Palakovich - Theophylline and Ambrisentan in Combination at Altitude to Improve Physical Performance and Mitigate Acute Mountain Sickness

Nate Keck - Effect of lower limb compression (NormaTec) on glycogen resynthesis

Whitney Tameler - Cardiac Rehabilitation Referral and Enrollments Rates with Different Referral Strategies.

Joseph Pellegrino - RUNNING ECONOMY: IMPROVEMENTS IN PHYSIOLOGICAL EFFICIENCY ATTAINED THROUGH CHANGES IN MUSCLE STRUCTURAL MORPHOLOGY

Cory Kaufman - ICE SLURRY AND COLD DRINK REDUCES EXERCISE INDUCED PHYSIOLOGICAL STRAIN IN THE HEAT

Brianna Lui - HEAT ACCLIMATIZATION DURING SEASONAL WILDFIRE SUPPRESSION

Benjamin Lovelace - Evaluation of Physical Fitness Tests and the Usefulness of an Internal Crew Questionnaire to Predict Job Readiness in Hotshots

Lauren McGuigan - Vitamin D and Athletic Performance A Critical Assessment for Coaches and Athletes

Stephanie Harger-Domitrovich; “Exogenous Carbohydrate Spares Muscle Glycogen in Men and Women during 10 h of Exercise”

Aaron Kelly; “Variation in Systolic Blood Pressure Between Exercise Modes”

Nicole Plante “Work shift food delivery strategies during arduous wildfire suppression”

Kristen Rofliesh " The effects of a nutrition education program on nutrition knowledge, attitudes and beliefs (KAB) of college students at the University of Montana”

Andrew Miller; “Effects Of High Intensity / Low Volume And Low Intensity / High Volume Isokinetic Resistance Exercise On Glucose Tolerance”

Andrew Reinhart; “Heart Rate Variability as a Marker of Stress Following Extended Duration Exercise and Glycogen Depletion”

Anne Goodson; “Effect of Supplemental Feeding on Cognitive Function in Wildland Firefighters During Arduous Fire Suppression”
Brenda Brady; “The Effects Of A Cooling Hand Device On Time Trial Performance And Core Body Temperature During Exercise In The Heat.”

Coral Hannah; “Exploring The Relationship Between Cardiovascular Disease Risk And Physical Activity As Measured By Accelerometers”

Ericka Lieberg; “Substrate utilization during exercise relative to ventilatory threshold and VO$_{2\text{max}}$”

Jason Siegler; “Changes Evaluated In Soccer-Specific Power Endurance either With or Without A 10-Week, In-Season Strength And Plyometric Training Program”

Joe Domitrovitch; “Hydration Delivery Systems For Wildland Firefighters”

John Cuddy; “Supplemental feedings increase self-selected work output during wildfire suppression”

Julie Ham; “Effects of water and electrolytes on changes in body temperature and drinking behavior during arduous wildfire suppression

Kelly Rice; “Decreases in 2$^{\text{nd}}$-12$^{\text{th}}$ Grade Student Physical Activity in Missoula, MT”

Kent Hansen; “Effects of Liquid Carbohydrate Feeding on Salivary IgA During Exercise in a Heated Environment”

Kristen Kodeski; “Nutritional Attitudes and Beliefs of Hotshot crews in the Western United States”

Laura Young; “Training Comparison: 95%VO$_{2}\text{peak}$ intervals vs. race pace intervals are Equally Effective”

Kimberly Whitish; “Nutrition and Bone Health in Female Athletes; A Nutritional Assessment for Coaches and Athletes”

Leah Paige Versteegen; “Effects of carbohydrate on self-selected exercise performance and balance during exercise in a healthy, older population.”

Lori Looper; “Effect of Body Fat on Substrate Oxidation During Aerobic Exercise”

Luke C. Matteucci; “Affects of low frequency aerobic training relative to ventilatory threshold of sedentary individuals”

Nobu Yasuda; “Substrate Utilization During Arm And Leg Exercise Relative To The Ventilatory Threshold In Men”

Trevor L. Gillum; “Muscle Glycogenolysis And Resynthesis In Response To A Half Ironman Triathlon: A Case Study”

Walter Hailes; “Reproducibility of field time-trial performance and the effect of the Rotor crank on 16.1 km time-trials”

**Community Health:**

Amy Lommen - "Relactation: A Phenomenological Study.”

Anna von Gohren - *An Assessment of the Health Needs of the Transgender Community in Montana.*

Christian Ricci - “Assessing the influence of Parent/Guardian variables on select type 2 Diabetes risk factors among 10 to 14 year old Northern Plains Indian Youth”

Jennifer Elliott; “An Assessment of the retail Food Environment, Access to Food, and Food Security in Missoula, Montana in Relation to the Socioeconomic and Health Status of its Residents”

Kristin Rohfleisch; “An Assessment of Female Freshman Students’ Nutrition Education Needs at the University of Montana’

Helen Burnside; “Evaluation of Montana’s HIV Prevention Social Marketing Campaign”

Rulia Liao; “An Assessment of Quality of Life Among Hepatitis B Virus Carriers in China”

Corey Campbell; “An Outcome Evaluation of An Outreach Program for Injection Drug Users”

HHP Graduate Program”

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Jacqueline Kakos; "Process and Impact Evaluation of the Montana HIV Prevention Social Marketing Campaign"

Jennifer Hackenbruch; “Assessment of the Needs of HIV Positive People in Montana”

Rimo Carneiro; “Community-Level Prevention Intervention: The Effects of Gay Men’s Health Retreats”

Tannis Hargrove; “A Phenomenological Study of Reiki Practitioners and their Perspectives of Reiki as it Relates to Personal Health”

Katherine Mills; “Complementary Medicine: Healthcare Provider’s Perceptions and Practices”

Nancy Mulla; ‘Osteoporosis Prevention for Women 25 Years and Younger; Knowledge, Beliefs, and Practices of Providers at Montana Title X Clinics”

Catherine Taft; ‘An Investigation of The Long Term Effects of an HIV/Hepatitis C Prevention Intervention For Injection Drug Users”

Anne Lydiard; “Evaluation of a Rape Prevention Program: Effects on Attitudes Towards Rape and Beliefs in Rape Myths Among Freshman”

Nolan Langweil; ‘Evaluation of a Social Norm Campaign: Communicating Responsible Use at The University of Montana”

Karen Elliott; “Internal Locus of Control: A Description of High and Low Orientation and Approaches to Coping with Scleroderma”

Sarah Landry; “An Assessment of HIV Prevention Needs among Montana’s Native Americans on the Flathead Reservation in Montana”

Lindsey Doe; “Phenomenological Claim of First Sexual Intercourse Among Individuals of Varied Levels of Sexual Self Disclosure”

Julee Stearns; “Alcohol and University of Montana Freshman: Use, Perceptions, and Attitudes”

Ryan Campbell; “Determining the HIV Prevention Needs of Men who have Sex with Men in Montana”

Sarah Keup; “HIV/AIDS Prevention Needs of Montana’s High Risk Groups”

Starr Wharton; ‘Automated External Defibrillators in Collegiate Athletic Training Programs”

Meredith Ruland; “HIV Counseling, Testing, and Referral Services Assessment”

Cathryn Rase; “Effect of Modifications to the PeaBody Developmental Motor Scale Test”

Bonnie Leifer; “The Relationship of Medicaid and the Children’s Health Insurance Plan (CHIP): Is it a barrier to CHIP Enrollment?”

**HHP Generalist:**

Phil Keller; “Training Characteristics of Males at the 2008 NCAA Division I Cross Country Championships”

Sarah Cummings; “Exploring the Experiences of the Certified Athletic Trainer and the Athlete Post-Surgery”

Drew Babcock; “Injury Rates, Severity of Injury and Access to Specialty Health Care of American Indian High School Athletes in Montana”

Cara Cocchiarella; “A Qualitative and Quantitative Analysis of the Key Leadership Skills and Characteristics of Selected Head Collegiate Women’s Basketball Coaches”

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Revised 7/15 C.Dumke