

# **Kinesiology and Health Education**

## **College of Education**

### **The University of Texas at Austin**



***2007-2008 Annual Report***



# Message from the Chair

## Dear Colleagues and Friends,

Welcome to the 2007-08 Department of Kinesiology and Health Education Annual Report. The academic year of 2007-08 was one of change as well as progress for the department. While some of the changes left us with feelings of remorse with the retirement of two of our longtime faculty members and the loss of several other excellent faculty that accepted positions elsewhere, other changes in the department resulted in feelings of satisfaction and accomplishment as these changes brought us closer to the completion of our five year strategic plan goals.

At the end of last year Rosemary Slacks and Charles Craven retired after many years teaching at UT. Between the two, they provided the department with 89 years of exceptional teaching, service and leadership. Rosie came to the department from Florida State University in 1962 as a physical activity specialist with emphasis in dance. Other than dance, Rosie taught swimming, bowling, golf, badminton and basic courses in our majors program. She also coached the Women's Swimming Team to the first Southwest Conference Women's Swimming Championship. However, Rosie's first love was dance and she developed many dance classes, included a very popular ballroom dance class that served the UT students for more than 30 years. Rosie is loved by her former students, and many returned to UT to wish her well prior to her retirement.

Charles Craven received his B.S. and Masters degrees from UT and in 1965 accepted a position as Lecturer in the Physical Education Department for Men. Charlie taught a number of physical activity courses as well as coaching courses for our physical education majors. In 1973 Charlie became director of the Physical Activities Program and held this position until his retirement. Charlie also worked for the Department of Intercollegiate Athletics and in 1965 co-founded the Athletic Department's Strength and Conditioning Program. He still remains a part time staff member of the Department of Intercollegiate Athletics. The Department of Kinesiology and Health Education are deeply indebted to Rosie and Charlie for their many years of excellent service and leadership. Their unselfish devotion to the Department served as an inspiration to us all and they truly will be missed. For their significant contributions to the Department, this addition of our annual report is dedicated to them. You can read more about Rosie and Charlie on pages 2-4.

Also leaving this year were Joseph Starnes, Ph.D., Carla Costa, Ph.D. and Amanda Gammage. Joe arrived at UT in 1984 from a post-doctoral fellowship in physiology at the University of Pennsylvania. Joe's research area is cardiac metabolism and he taught undergraduate exercise physiology and several graduate courses in cardiovascular physiology and metabolism for the department. He also served as graduate advisor from 1997 until his departure last year. Joe left UT to become Department Chair of Exercise and Sports Science at the University of North Carolina at Greenboro. Carla Costa, a native of Portugal was a member of our Sport Management program. Carla came to UT in 2003 from The Ohio State University. Carla accepted a position at the University of Illinois and will continue her work in the area of sports and tourism. Amanda was a specialist in our physical activity program and taught our physical

activity courses for our majors. She was extremely innovative in bringing technology to the classroom. Amanda will now be teaching and coaching in the Austin Independent School District. We wish Joe, Carla, and Amanda the very best in their new positions. They certainly gave their very best while at UT.

Although we lost several faculty, we made several very good hires in 2008. Joining our Health Education program were Keryn Pasch and Harold "Bill" Kohl. Keryn received her Ph.D. from

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the University of Minnesota and completed a post-doctoral fellowship at the University of Texas Health Science Center, School of Public Health before coming to our department. Bill came to us after many years as Lead Epidemiologist and Team Leader of the Epidemiology and Surveillance Team in the Physical Activity and Health Branch of the Center for Disease Control and Prevention in Atlanta, GA. In the Sport Management program, Jules Woolf, Ph.D. was hired as a lecturer replacing Maureen Fitzgerald, who took a one-year leave of absence. Jules completed his Ph.D. in sport management from UT after completing his Masters degree in exercise physiology also from UT. I am looking forward to working with these new faculty members.

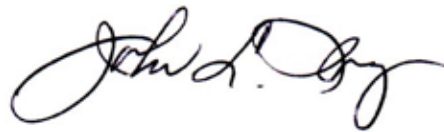
Accomplishments within the department were many last year. A major accomplishment was the approval of our new undergraduate curriculum by the Faculty Council and Texas Higher Education Coordinating Board. Our Undergraduate Advisory Committee chaired by Jan Todd spent approximately two years developing our new undergraduate curriculum. The new curriculum which will be implemented in the fall of 2008, will allow students to major in one of five areas of kinesiology; Applied Movement Science, Exercise Science, Health Promotion, Physical Culture and Sport or Sport Management. Students completing their degree program in one of these areas of study will receive a B.S. in Kinesiology. Students may also major in Athletic Training but will receive a B.S. in Athletic Training. For more details about the new curriculum, please see the Undergraduate Program report on page 8.

Program changes were also instituted at the graduate level. The department in collaboration with the Department of Curriculum and Instruction (C & I) is developing a graduate program

in curriculum and instruction with emphasis in physical education. Last year Louis Harrison, Ph.D. and Xiaofen Keating, Ph.D. were hired by C & I to initiate this program. This year the department will be hiring a tenured faculty member to support this program as well as appoint Dolly Lambdin, Ph.D., currently a Senior Lecturer, to Clinical Professor. Dolly will assume graduate teaching responsibilities and be appointed to the Department's Graduate Studies Committee.

Of course, these are just a few of the many changes that have occurred in the department within the last year. The faculty and staff have been working hard in many areas to move the department forward and maintain our leadership role in the field of kinesiology and physical education. I hope you will take the time to peruse the annual report to see the many accomplishments of the department and its faculty for 2007-08.

Sincerely,



John L. Ivy, Ph.D.

***This annual report is dedicated to long time faculty members, Rosemary Slacks and Charlie Craven, who retired in May 2008.***

***Charles Craven***



During the last four decades, Charlie Craven has worn many hats at the University of Texas at Austin. As a student, he earned both his Bachelors (B.S., 1963) and Masters (M.Ed., 1968) degrees in physical education from UT. In fact, Charlie began his employment in the department as a graduate teaching assistant for the physical education activity classes in 1963 before leaving for a brief stint to pursue teaching and coaching with Del Valle ISD.

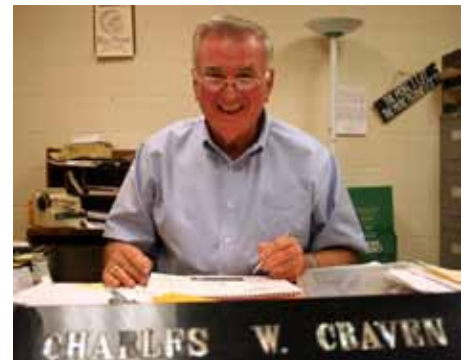
When he returned to UT in 1965, Charlie began a 43-year career in which he carved a name for himself in both academics and athletics. As a professor,



Charlie Craven in the classroom

Charlie spent five years as an Instructor before being promoted to Assistant Professor in 1970. He began by teaching physical activity classes, but then over the year also taught children's movement and pedagogy classes, and supervised student teachers. In later years, he taught classes in coaching theory and worked with the Sport Management program. He would eventually be named an Associate Professor in the Department, and served for more than 25 years as the Director of the Physical Activity program where he fought to keep a large number of activity classes on the books so that students throughout the University would be able to learn sport skills and get exercise.

In addition to his departmental responsibilities, Charlie also worked for the Department of Intercollegiate Athletics where he dedicated countless time and energy to helping facilitate the growth and success of the UT football program. In 1965, he co-founded the Strength and Conditioning Program for Intercollegiate Athletics for Men, and is credited with convincing Darrell Royal of the benefits of strength training for football, a then-novel notion that contributed greatly to the Longhorns' history of success. In 1970, Charlie became a founding member of the National Strength and Conditioning Association, and in 1971 he founded the Physical Rehabilitation Program for Intercollegiate Athletics for Men. An innovator in the field of injury rehabilitation, Charlie has had numerous publications and introduced therapeutic advancements that have improved the physical rehabilitation program at Texas tremendously. In 2001, as a testament to his impact on the development of the athletics program at UT, Charlie was inducted into the Longhorn Hall of Honor.



Charlie was a constant source of both youthful exuberance and professionalism to his colleagues, students, and players, and in 1988, Charlie was awarded with the Texas Excellence in Teaching Award for his outstanding service and dedication to both the college and the department. He was also a mentor to many young faculty members in our department and the strength and survival of the Physical Activity Program is a testament to his devotion to UT. Tireless in his dedication to the Department and to the broader discipline of Kinesiology, he made all problems into "opportunities," and brought smiles to our faces whenever he entered the room. Although he has retired from our department, he continues to work with the UT Football Program where he continues to inspire students with his warmth, his great knowledge of the field of Kinesiology and his unwavering professionalism.



## Rosemary Slacks

### *"Life at the Institution"*

Rosemary Slacks retired this year, hanging up her rhythm stick and dancing shoes, and is sorely missed by students and faculty alike. We hope the following will give a picture of why she was such a great part of The University of Texas at Austin.

In August of 1962, Rosemary Slacks walked into the "Women's Gym" at the University of Texas at Austin, unsure of the challenges of her new position but thrilled to be earning \$4,500.00 a year. Her "new" office (room 127) came equipped with a ceiling fan (no AC), a desk, a small bookcase, a Royal typewriter, and, for greenery, a living potted plant. (Why don't we get plants anymore?) Her first teaching assignment consisted of 10 classes: Swimming, Modern Dance, Bowling, Golf, Badminton, and Basic Physical Education (BPE) - a class required of all female freshman students. Her section of BPE was based on dance, while others were based on sports skills, which was fine with her! Since she was a recent graduate of Florida State University, it was believed that she was prepared to teach everything and anything and, over the course of her career, she just about did. And so, her career at The University of Texas at Austin was launched.

During her time at The University, Rosie experienced many historical events, but three especially stand out. On August 1, 1966, she was at the Flawn Academic Center waiting for friends to have lunch at the Union. This friendly gathering was interrupted with the Charles Whitman Tower shooting. She and many others were caught in a lock down. They all stood at the glass windows facing the mall to watch, in disbelief, the terror unveiling before them. She also experienced the Viet Nam era. The protests on campus were frequent and huge and several times she was caught in the middle of these



demonstrations. Then, sometime in the 1970s, Anna Hiss's brother, Alger Hiss, visited campus. Rosemary was one of his tour guides as he visited Anna Hiss Gym, the gym his sister built and managed for so many years.

Rosemary Slacks wore many hats: teacher, coach, and activist. In her early days, there were requirements for all students at The University to be physically educated in a variety of ways before they graduated. For instance, all females had to demonstrate swimming proficiency. One of Rosie's first assignments was to administer the Swimming Test to determine whether a student needed to take beginning swimming. To graduate, you had to be able to swim! Carriage and posture were also very important. Proper alignment was important for good health, so it, too, was assessed. Each fall, the BPE instructors took their classes to room 13 for posture pictures. An antique camera (complete with black drape) was set up along with the posture frame. Girls stripped down to their underwear and were photographed. The faculty member then had to take the "plate" to the development lab (back of room 1, under the front steps) and develop it into a negative. This data was the basis for the next class lesson

which was POSTURE! If something was important, it was measured and appropriate instruction given. In 1963, she was asked to sponsor/coach the synchronized swim team known as the "Turtle Club". Around 1969, however, interest in the Turtle Club waned, as women were beginning to compete, and more and more girls wanted to get involved, so Rosie became coach of UT's first Women's Swim Team! They were only allowed to use the pool from 5:30 to 9:00 am and could only compete in towns where one of the swimmer's parents lived, so students could safely sleep on their floors. The team was allowed to use UT Men's Athletics' cars if none of the men's teams were using them that weekend. Otherwise, the team used their personal autos and were granted what amounted to \$2.50 per swimmer for food on the trip. The first "Southwest Conference Women's Swimming Championship" was held at UT-Arlington and Coach Slacks's team WON!

But it wasn't just the swim team or beginners that Rosie taught. Rosie literally taught thousands of people to swim. One of her favorite activities was teaching adult beginning swimming, which she did for many years. She also taught swimming in the "Children's Program" (Summer Sports School) and developed the parent and tot classes. Even today,



Rosie taught many a toddler to swim for the Summer Sports School



Rosie's ballroom dance classes were very popular with the students.

you will meet people all over Austin who learned to swim under Rosie's tutelage in the Anna Hiss pool. In the early 70s, she began to let a few faculty members swim after her 11:00 swimming class and stood guard for them. (Women were not yet allowed to swim in Gregory.) This became a scheduled occurrence, and eventually known as "lap swim", the precursor to Rec Sports open swim time.

Having taught so many this important skill, it isn't strange that in the early 90s Rosie spearheaded the "Save Anna Hiss Pool" movement, after the regents decided to level the pool to make room for the new Molecular Biology building. In the end, "We lost the pool" but generated lots of interest in the history of Anna Hiss Gym.

Rosemary primarily taught dance and swimming until the AHG pool was demolished in 1991-92. Then, she focused on her first love: dance. In the early 80s she had developed the incredibly popular Ballroom Class. She began with one class and 5 vinyl LPs. As this class gained popularity, more sections were added and they increased in size. After the 5 LPs, she developed her music library; she used

cassette tapes, CDs, and finally ended with the computer.

Students LOVED Professor Slacks. Her office was always filled with visiting students. They enjoyed "hanging out" with her before and after class. Those of us housed in Anna Hiss were privileged to watch Rosie work her magic with students. Each semester we would witness students go through a transformation while in her classes. They began timid and shy, excited yet awkward dancers pulling and pushing each other across the floor. Through her excellent progressions and "dance with everyone" protocols, they steadily improved their dancing and confidence. By the end of the semester, they glided confidently around, transformed not only as dancers but also as people who were confident about themselves and caring toward their partners. Students would line up to be able to continue working with the class in future semesters as TAs, because the class and learning to dance had meant so much in their lives and because they just loved being around Rosie. Students came and went, but every year she was thrilled to see her former students who came for a visit. Some students never left and continued to come dance during the

evening class. AHG 136, "Rosie's gym", was a very special place for students since it was there that they met new friends, learned confidence, social skills, and dance, and, for some, found their life partners. One student who sought counseling with Professor Slacks about getting married, later arranged to propose to his girl friend in the gym that meant so much to the two of them. Rose petals set out in a heart shape adorned the gym floor, and he brought her in and asked her to marry him. Of course, a dance celebration ensued!

Rosemary Slacks literally taught thousands of children and young adults throughout her teaching career. She touched the lives of many students, staff, and faculty. She was the matriarch of Anna Hiss Gym, and the AHG faculty affectionately referred to her as Momma! The AHG faculty all felt, "when Momma wasn't happy; we all weren't happy!"

And then came the end of an era. After 46 years, Professor Slacks decided to retire. She ended her career teaching almost 200 students a semester in ballroom dance and KIN 119 Rhythmic Activities to teacher certification majors.

Her students hated to see her go and created one last dance time. They decorated Rosie's gym with banners that shouted: "We'll miss you Rosie," "We Love you Ms. Slacks," "#1 Ballroom Instructor," "She's Awesome," "Queen of Anna Hiss," "Rosies are sweet, Dancers Feet are Blue, We had too much fun, and we'll miss you," "Rosie Rocks," and "You Are a Life Saver". Students from many years ago came to salute Rosie for what she had meant in their lives, and many of the men took a turn waltzing her across the floor as they all danced the night away. Anna Hiss is not the same without Momma. We all miss her and are indebted to her for her leadership, friendship, and model of great teaching.

## Graduate Program

### Joseph Starnes, Graduate Advisor

#### Student Numbers

In Fall 2007 we had 181 graduate students enrolled, setting a record for most students enrolled. The previous record of 171 students was set in Fall 2006. The increase in numbers over last year reflects an increase in doctoral students (from 56 to 66) while the master's students remained the same at 115. The exercise physiology and sport management programs had the most students at 71 and 46, respectively. Health education was next at 37, followed by movement science with 18, general master's degree program at 7 and interdisciplinary sports studies at 2. Health education had the largest doctoral population at 22 and exercise physiology had the most master's students at 50. We also graduated 37 masters and 8 doctoral students in 2007-2008.

The number of applications received for summer and fall admission totaled 276. Of those, 108 (39%) were recommended for admission and 61 enrolled (56% of those admitted). Thus, we maintained both a strong criteria for acceptance

and a high yield of targeted students. This was assisted through our ability to garner scholarships and fellowships. Recruiting fellowships allowed us to attract a number of outstanding students who were being actively pursued by universities around the country. Matthew Bowers (sport management), Michael Casner (exercise physiology), and Sooin Jung (health education) received University of Texas funded Pre-emptive Fellowships in recognition of their outstanding academic achievement prior to coming to the Department of Kinesiology and Health Education.

#### Student Honors

Many students were also recognized with significant honors based on their productivity and scholarship since enrolling at UT-Austin. These are awarded based on Departmental, College, and University level competitions. At the Departmental-level, the Long Fellowship is given in honor of former department chair, Dr. Lynn McCraw. It is now in its seventh year and provided approximately \$4,000 to Denise Herrera (health education) to recognize her work as an outstanding doctoral student within the

department. Likewise, the Mary Bruice Alderson Scholarship for outstanding graduate student teaching was awarded to three students: Rohit Gokhale in exercise physiology, Kelly Welsh in health education, and Christopher Mobley in health education. Joel Trinity (exercise physiology) received the Professor and Mrs. Karl K. Klein Fellowship. Jeffrey Bernard and Edward Merritt (exercise physiology) received the Mack Brown Endowed Scholarship in Kinesiology. Jamie Webb (sport management) received the Long Graduate Fellowship. Last, but not least, over 50 of our graduate students are fully funded via teaching or research assistantships. These positions are very important to the University, the Department and to the education and development of the graduate student.

We were also very successful at the College and University-level competitions for awards. Two doctoral students were recognized in the university-wide competition for University Continuing Fellowships. Jill Barnes (exercise physiology) received a Continuing Fellowship that provided full tuition and a \$18,000 stipend, and Won Jae Seo received a Graduate School Fellowship valued at \$6,000. Ethel Garcia (health education) and Roland Robb (movement science) received the Alexander Caswell Ellis Fellowship in Education. Virginia Budke (exercise physiology) received the Joseph L. Henderson and Katherine D. Henderson Foundation Scholarship and the College of Education Centennial Endowed Presidential Fellowship

Our graduate program emphasizes the importance of research and we provide numerous opportunities for graduate students to develop as researchers. Students share these experiences at national meetings. Thus, attending national meetings and making presentations before professional colleagues is extremely important to graduate student development. Funds provided by Dean Justiz's office (\$6,000) and the Graduate School (\$2,500)



Charlie Craven, Stephanie Kolaczowski (KIN Club President), Coach Mack Brown and John Ivy at the Alderson Lecture

partially covered the expenses of 19 graduate students who presented their research at national meetings in 2007-2008. In most cases, the faculty supervisor of each student provided additional funds. A complete list of the student presentations, including the name and location of the meetings and the faculty supervisor of each student can be found on page 51.

In summary, our Graduate program continued to achieve excellence. We recruited high performing students and offered them the support required to achieve success.

## **Degrees Awarded**

### **Masters Degree**

#### ***Exercise Physiology***

Daisuke Hara, MA, Fall 2007  
Virginia Budke, MEd, Spring 2008  
Megan Cannon, MA, Spring 2008  
Jonathan Cosgrove, MEd, Spring 2008  
Jacqueline Crissey, MA, Spring 2008  
Rohit Gokhale, MEd, Spring 2008  
Rebecca Green, MEd, Spring 2008  
John Hobbs, MEd, Spring 2008  
Cecilia Llanos, MEd, Spring 2008  
Lynne Kammer-Kerwick, MA, Spring 2008  
April Lewandowski, MEd, Spring 2008  
Carra Moroni, MEd, Spring 2008  
Jennifer Foster, MEd, Summer 2008

#### ***General Kinesiology***

William Weaver, MEd, Spring 2008

#### ***Health Education***

Vanessa Araujo, MA, Fall 2007  
Cathrine Boroff, MA, Fall 2007  
Sarah Bubb, MEd, Spring 2008  
Julie Futrell, MEd, Spring 2008  
Rebecca Garza, MA, Spring 2008  
Kevin Roux, MEd, Spring 2008  
Rodney Joseph, MA, Summer 2008

#### ***Movement Science***

Kimberly Helman, MA, Fall 2007  
Justin Newman, MA, Fall 2007  
Pam Painter, MA, Fall 2007  
Jillian DeLaTorre, MA, Spring 2008  
Michelle Garel, MA, Summer 2008

### ***Sport Management***

Tessa Nichols, MA, Fall 2007  
Brian Senour, MEd, Fall 2007  
Kevin Tiemann, MEd, Fall 2007  
Cameron Washburn, MEd, Fall 2007  
Richard Agner, MEd, Spring 2008  
Nicole Bernier, MEd, Spring 2008  
Kelly Brademan, MEd, Spring 2008  
James Landry, MEd, Spring 2008  
Andrew Lowe, MEd, Spring 2008  
Jamie Webb, MEd, Spring 2008  
Robert Folan, MEd, Summer 2008  
Christyn Schumann, MEd, Summer 2008

### **Doctoral Degree**

Vassilios Ziakas, PhD, Fall 2007  
Sport Management  
"An event portfolio in rural development: An ethnographic investigation of a community's use of sport and cultural events" Dissertation chair: Carla Costa

Hyun Gu Kang, PhD, Fall 2007  
Movement Science  
"Kinematic and motor variability and stability during gait: Effects of age, walking speed and segment height" Dissertation chair: Jon Dingwell

Sylvia Trendafilova, PhD, Spring 2008  
Sport Management  
"Addressing the environmental challenges of outdoor recreational sport: The illustrative case of disc golf" Dissertation chair: Laurence Chalip

Matt Nelson, PhD, Summer 2008  
Exercise Physiology  
"Impact of N-2 mercaptopropionylglycine (MPG) and simvastatin on exercise-induced cardiac adaptations" Dissertation chair: Joe Starnes

Nicholas Bourne, PhD, Summer 2008  
"Fast science: A history of training theory and methods for elite runners through 1975" Dissertation chair: Jan Todd

Xiaoyan Xing, PhD, Summer 2008, Sport Management  
"Sport fanism meaning and structure across two national cultures: Toward a sport consumption culture theory" Dissertation chair: Laurence Chalip

Emily Sparvero, PhD, Summer 2008, Sport Management  
"Leverage of professional sport teams: Reconciling host communities' expectations and realities" Dissertation chair: Laurence Chalip

Jarrod Schenewark, PhD, Summer 2008, Sport Management  
"Work-family conflict and enrichment: A study of college coaches" Dissertation chair: Marlene Dixon



# Undergraduate Program

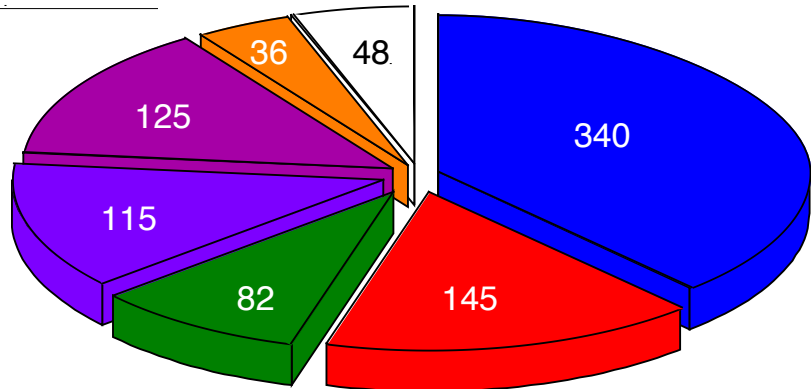
## Jan Todd, Undergraduate Program Coordinator

The Undergraduate Advisory Committee (UAC), consisting of John Bartholomew, Charles Craven, Brian Farr, Chris Green, Jason Gentry, Dolly Lambdin, Mary Steinhardt, Richard Hogeda, and Jessica Silva worked on two major projects in 2007-2008: 1) completing the new undergraduate curriculum; and, 2) hosting the 2008 Alderson Lecture.

### Formal Approval for Undergraduate Curriculum Received

Over the past several years, the Undergraduate Advisory Committee has worked on a major revision of our undergraduate curriculum that was formally approved by the faculty of the Department of Kinesiology and Health Education on April 24, 2007. The new plan calls for the Department of Kinesiology and Health Education to offer two distinct degrees at the undergraduate level. The Bachelor of Science in Athletic Training is now a stand-alone degree that will only be granted to those students completing the major in Athletic Training. The major is limited to 45 students who compete for admission to this select degree. The Bachelor of Science in Kinesiology, on the other hand, will be used for the vast majority of students in our department. Under the umbrella of the B.S. in Kinesiology, students will have the option of completing one of five majors: Sport Management, Exercise Science, Physical Culture and Sports, Health Promotion, or Applied Movement Science.

The new curriculum is predicated on the idea that all Kinesiology and Health Education majors should leave Texas with a common core of knowledge. We want our undergraduate students to have a basic understanding of exercise physiology, to understand the complex mechanisms involved in human movement, and to have an



appreciation of the socio-cultural dynamics of sport and human activity. We also believe that all majors should have some physical activity and sport skill training, and so in addition to the five lecture-based classes in our common core, B.S. in Kinesiology and Health students must also complete at least three activity classes. Another change is that instead of taking a minor outside the department, students in the new curriculum will be able to specialize in career-based coursework portfolios in areas such as disability studies, strength and conditioning coaching, community health and wellness, coaching, medical fitness and rehabilitation, aquatics, and golf, if they so choose.

Before the program could be offered, the curriculum had to be approved by both the Faculty Council of the University of Texas and the Texas Higher Education Coordinating Board. Both approvals were received during the fall of 2007, which allowed the Undergraduate Advisory Committee to begin work in the spring semester on the scheduling and implementation of the new program. As part of this process, the UAC spent a large

share of its time working on teaching schedules and class room use so that we can make sure that all classes will be covered and that enough seats are available for students. The creation of five core classes to be taken by every major was a primary concern in this scheduling process since the Department has averaged approximately 900 undergraduate students for the past several years. We also had to write new catalog copy for the degrees and as part of that process we decided to renumber most of the undergraduate courses so that the assigned numbers could be grouped by the major they served. The new curriculum went into effect with the publication of the 2008-2010 Undergraduate Catalog in the fall of 2008.

### Student Numbers

One reason that the revision of our curriculum has become so critical is that the Department has undergone a tremendous expansion in undergraduate numbers in recent years. In 2000-2001, for example, we had only 581 undergraduates in our

department. However, by December of 2004, we had grown to more than 1000 majors at which point we implemented transfer restrictions for the Department. Only those students with a GPA of 3.0 or higher are now allowed to transfer into Kinesiology and Health Education after their freshman (30 hours of coursework) year. With those restrictions in place, our numbers have come been somewhat reduced so that in 2007-2008, we served 891 students. This is still 300 more students than we served in 2004-2005. The distribution by majors can be seen in the accompanying chart.

A total of 265 students graduated from the Department in 2007-2008: General Kinesiology finished 123 majors, Health Promotion and Fitness graduated 70, Teacher Certification finished 21, Sport Management graduated 74, and Athletic Training finished 13.

### **Other Undergraduate Committee News:**

One of the Undergraduate Committee's main efforts each year is the planning of the Alderson Lecture and the selection of the undergraduate Alderson Scholarship recipients. On April 15, 2008 we announced 20 Alderson scholarship winners at the evening lecture. Each of these students received a \$1500.00 award and was publicly recognized for their excellent grades and community involvement. We also recognized at the lecture several other undergraduates who received Presidential Scholarships and the prestigious NASPE Student Major Award. The winners for 2007-2008 are as follows.

### **Alderson Apprentice Teaching Scholarship recipients:**

Sarah Dawn Mark  
Ashley Monique Glenn  
Stephanie M. Kolaczowski

### **2008 Alderson Undergraduate Scholarship recipients:**

Mary Baker, Shira Brenman, Sara Chamberlin, Elizabeth Cook, Tayler Gill, Karla Granado, Cene Hale, Alison Kefalos Samantha Kidd, Hyung-Joon Kim, Alison Knight, Arielle Kowenski, Nickolas Lebo, Lauren Lichterman, Mallory Sitzman, Joan Strong, Ross Toungate

### **NASPE Student Major of the Year Award winner:**

Stephanie M. Kolaczowski

### **Lynn M. McCraw Undergraduate Award winner:**

Camilia Jones

### **Presidential Scholarship winners:**

Erin Lomers

Jessica Yanta



Undergraduate scholarship recipients at the Alderson Lecture

## 2008 Alderson Lecture



Dr. Ben Carrington, Dr. Jan Todd,  
and Dr. Ian Henry

Dr. Ian Henry of Loughborough University in England was the featured speaker at the 2008 Alderson Lecture. He spoke on "Globalism, Interculturalism & Sport Policy" and was introduced by Dr. Ben Carrington of the Sociology Department.

Dr. Ian Henry is Professor of Leisure Policy and Management, and Director of the Centre of Olympic Studies and

Research at Loughborough University which is a partnership between the University and the British Olympic Foundation.

His principal research interests relate to sport and leisure policies, politics, and governance at the transnational, national, urban and regional levels, with a special interest in Olympism. He is currently Editor of the *European Sport Management Quarterly*, the *Journal of the European Association of Sport Management*.

He is currently working with UK Sport in partnership with UNICEF, and the British Council on a project entitled "International Inspiration: Delivering on Sebastian Coe's 'Singapore Promise' that the 2012 Olympics make a difference to the youth of the world.

The event was well-attended with about 250 faculty, students and invited guests in the audience. Preceding the lecture was the presentation of graduate and undergraduate scholarships. A reception in the Centennial Room followed the event.



Charlie Craven, Coach Mack Brown and John Ivy  
at the Alderson Lecture

## 2008 Hall of Honor Inductees

The Hall of Honor recognizes the achievements and contributions of faculty and former students to the Department of Kinesiology and Health Education at The University of Texas at Austin and to professional fields related to physical activity and health. Induction to the Hall of Honor is the highest honor bestowed by the Department of Kinesiology and Health Education and is based on a demonstration in one or more specific areas of leadership, professional involvement, service, and academic and research achievement.

Immediately following the Alderson Lecture was the introduction of the 2008 Hall of Honor Inductees. They were Dr. Herbert deVries, Dr. Robert Malina and Dr. Jack Wilmore.

Dr. deVries received his MEd in Physical Education in 1946 and became one of the foremost exercise and muscle physiologists of his time. He was not able to attend the event, but his lovely wife, Anna accepted the award in his behalf.

Dr. Malina was a faculty member at the University of Texas at Austin from 1973-1995. He is a premier researcher in growth, maturation, obesity and children's physical activity and sport.

Dr. Wilmore was at the University of Texas from 1985-1997. During his 37 year career, he was known as one of the most influential exercise physiologists in the world.



Anna deVries



Dr. John Ivy and Dr. Bob Malina



Dr. John Ivy and Dr. Jack Wilmore

## 2007-2008 McCraw Lecture Series



The Department of Kinesiology and Health Education initiated its departmental seminar series in the Fall of 1998. The seminar series was named in honor of Dr.

Lynn W. McCraw to recognize his many contributions to the department through his distinguished teaching, scholarship and professional service.

His contributions to the profession were recognized with election to membership in the American Academy of Kinesiology and Physical Education, Phi Delta Kappa, and Phi Kappa Phi, and by being the recipient of the Texas, Southern District and National Honor Awards of AAHPERD. Texas AAHPERD also bestowed upon Dr. McCraw its PEPI Award, Scholarship Award, and David K. Brace Award. In 1984 the students in the Department of Kinesiology and Health Education created the Lynn W. McCraw Excellence Award to be given annually to the outstanding student in the department. In 1985, Dr. William Cunningham, President of The University of Texas appointed Dr. McCraw Professor Emeritus.

### General Information

The seminars are open to the public and are held in Belmont Hall room 962 from 12 noon to 1 pm the last Friday of each month during the academic year.

### 2007-2008 Schedule

September 28 - "Physical activity interventions for adolescent girls: lessons learned and next steps" by Deborah Rohm Young, PhD, Assoc Prof, Dept of Kinesiology, University of Maryland-College Park

October 26 - "The cycling world hour record" by David R. Bassett Jr, PhD, Prof, Dept of Exercise, Sport and Leisure Studies, University of Tennessee-Knoxville

November 30 - "Diet effects on cardiovascular disease risk factors" by Thomas P. Erlinger, MD, Director of Clinical Research, Seton Family of Hospitals, Austin, TX

January 25 - "Physical activity for persons with chronic & disabling conditions" by Alexa K. Stuifbergen, PhD, RN, Prof, School of Nursing, UT Austin

February 29 - "Physical activity: The present of the context of the past" by Robert M. Malina, PhD, Prof Emeritus, Dept of Kinesiology and Health Education, UT Austin

March 28 - "Aging and learning novel fine motor tasks" by Evangelos A. Christou, PhD, Asst Prof, Dept of Health and Kinesiology, Texas A&M University

April 25 - "Steroid use in sports: Interdisciplinary approaches for ongoing problems" by Laurence Chalip, PhD; Edward Coyle, PhD; Roger Farrar, PhD; Jules Woolf, PhD, Dept of Kinesiology and Health Education, UT Austin



**Dr. Dorothy J. Lovett  
and Dr. Deborah Rohm Young**

Dr. Young was the guest speaker on September 28. She was the first recipient of the newly established Dr. Dorothy J. Lovett Distinguished Alumni Award. Dr. Lovett served as department chair for 11 years through 1998 and was a full-time faculty member in the department for 38 years. The award is sponsored by Dr. Mary Steinhardt, faculty member in Health Education.

## Athletic Training

### Brian Farr, Director

The 2007-08 academic year marked the third year of accreditation and sixth year of existence for the Athletic Training Education Program (ATEP). The ATEP maintained its accreditation through the Commission on Accreditation of Athletic Training Education (CAATE). We received full approval to offer a Bachelor of Science in Athletic Training (BSAT) which will replace the previous degree of a B.S. in Kinesiology and Health with a major in Athletic Training. We also received approval for an agreement between our ATEP and the UT Medical Branch at Gavelston's Doctorate in Physical Therapy program whereby three graduates of our program that meet all admission's prerequisites would be guaranteed admission to their DPT program.

### Students

We began the year with 39 students and ended it with 33. Over 50 students participated in the Directed Observation (D.O.) Program with 27 students being admitted for the fall 2008 semester.

The '07-'08 academic year also saw ATEP students continue their work with area high schools, physicians' offices, the University Health Center, UT RecSports, and St. Edward's University, in addition to UT Intercollegiate Athletics teams as part of their clinical education rotations.

Two ATEP students were selected for a NFL Internship, one with the Oakland Raiders and the other with the New York Jets. Two ATEP students received an Alderson Scholarship from the Department of Kinesiology & Health Education. One student received a South West Athletic Trainers' Association Scholarship.

### Awards

Annual student awards are presented by the Department of Intercollegiate Athletics through the Athletic Training

and Sports Medicine staff in conjunction with the Athletic Training Education Program. This year's award recipients were: Derica Nealy, Student Athletic Trainer of the Year; Adriana Cantu, Most Improved Student Athletic Trainer; Jessica Yanta, P.R.I.D.E. Award for Classroom Excellence.



From left to right: Nealy, Cantu, Yanta

Service Awards recipients: Jill Brigle, Alex Escalante, Kara Miller, Amanda Tobolka, Adriana Cantu, Kassi Johnson, Derica Nealy, Rachael Craddock, Brody Lawhon, Diana Ramirez.

Academic Awards recipients: Whitney Anders, Liz Baker, Teryl Boland, Mary Buckner, Adriana Cantu, Rachel Craddock, Kristina Creinen, Kassi Johnson, Brody Lawhon, Kara Miller, Derica Nealy, Danny Oh, Sarah Petry, Taryn Price, Diana Ramirez, Mallory Sitzman, Jessica Yanta.

### Graduates

Ten students graduated in the 2007-08 academic year. Our graduates were employed by Sierra High School (CO) and Columbus High School (TX). Four students obtained graduate assistantships with Texas State University, Auburn University, University of Toledo, University of Colorado at Colorado Springs and UT-Arlington. One student was admitted to Physical Therapy school. Three students planned some time off before seeking employment.

We are proud to announce that we had a 100% passing rate for first time candidates challenging the Texas licensure examination. Average passing rates for first time candidates for the entire state hover around 80%. We also had an 80% passing rate for first time candidates sitting for the BOC examination. The national average passing rate for first time candidates is 39%.

Alumnus Matt Camarillo, currently attending medical school at The University of Texas Medical School at Houston, completed his term as the Student Regent on UT's Board of Regents.

### Faculty & Staff

The 2006-07 academic year was also the sixth year for Brian Farr, Lecturer and Director of the Athletic Training Major and ATEP. Farr came from the Department of Intercollegiate Athletics, where he served as the Head Athletic Trainer with the Men's Basketball Team. He also designed the curriculum for the current major, coordinated the athletic training student internship program, and taught courses in the Department of Kinesiology and Health Education.

Farr is a nationally Certified Athletic Trainer (ATC), a Texas Licensed Athletic Trainer (LAT), and a Certified Strength and Conditioning Specialist (CSCS). He is



2008 Seniors and Graduates



**First year students attend end of year banquet**



**Second year students attend end of year banquet**

active in the NATA and serves as a BOC reviewer for home study continuing education programs. Farr is also a member of the South West Athletic Trainers' Association (SWATA) and serves on the Public Relations Committee and the Student Research Committee.

Farr, along with faculty from Mary Hardin Baylor and Southwestern University, organized the Central Texas Sports

Medicine Seminar for both professional athletic trainers and athletic training students. Farr also presented on manual therapy techniques for the ankle.

Farr, along with members of the athletic training staff, also organized the Longhorn Sports Medicine Camp. This summer camp provides an opportunity for high school students to come to UT for three days of lectures and demonstrations on various athletic training topics. 100 students attended the 2008 camp including students from several states and an international student from China.

Farr is also the faculty sponsor for the Longhorn Athletic Training Student Association (LATSA). The LATSA, open to all UT students that are interested in athletic training and sports medicine, saw its highest membership numbers since it was founded in 2000. The group sponsored "High School Sunday", an event that invites high school students to campus for a tour and orientation to the UT ATEP. This year's High School Sunday was attended by over 60 students, parents, and professionals. The association has plans to raise money that will be used to bring in guest speakers, send student members to athletic training and sports medicine conferences, assist in covering the costs of the licensure and certification examinations, and create a scholarship fund.

Farr was supported by Charlotte Pickett, administrative assistant; Darcy Downey, assistant instructor; and a host of clinical supervisors that included athletic trainers and physicians from UT Athletics, the UT Health Center, Texas Sports & Family Medicine, St. Edwards University, Pflugerville High School, Westwood High School, Leander High School, and McNeil High School. Medical Director Mark Chassay, MD and clinical instructor LaGwyn Durden, ATC were selected by the USOC to provide medical coverage for US teams at the Olympic Games in China.



**Mark Chassay, MD LaGwyn Durden, ATC**



**2008 Longhorn Sports Medicine Camp**

## Exercise Physiology

### Roger Farrar, Coordinator

Our group consists of graduate faculty members Dr. John Bartholomew, Exercise and Health Psychology, Dr. Edward Coyle, Exercise Physiology, Dr. Roger Farrar, Exercise Physiology, Dr. John Ivy, Exercise Physiology, and Dr. Hirofumi Tanaka, Exercise Physiology. In addition Brian Farr is the Director of the academic program for Athletic Training, and Phil Stanforth is Director of the Fitness Institute of Texas.

### Dr. John Ivy

During the 2007-2008 year the Exercise Physiology research continued to have an impact beyond the classrooms and laboratories in Bellmont Hall. Watching the Beijing Olympics, Michael Phelps' drive for 8 gold medals, and a number of other Olympic athletes competing in gymnastics, track, and swimming, the world became acquainted with a nutritional supplement, Pure Sport, developed by Dr. John Ivy. A critical component of optimal training, along with the physical work outs, proper sleep and rest, is the nutrition that the athletes ingest as well as when they ingest it. Dr. Ivy has spent much of his research career studying carbohydrate metabolism and the timing of nutritional supplementation. While the manifestations of altered glucose uptake leading to adult onset diabetes has a profound impact on the physiological functioning of the body and etiology of a myriad of diseases, for an athlete the timing of carbohydrate supplements, as well as the combination of carbohydrates with protein, and amino acid mixtures, is being shown to have an impact on muscular performance and metabolism. The testimony and performance of our Olympic athletes gives credence to the impact that optimal nutrition can have in supplying the body with fuel for physically demanding workouts, as well contributing to the maintenance and/or increase of muscle mass through



Zhenping Ding (John Ivy lab) overseeing effects of carbohydrate-protein drink on sport performance

elevated protein synthesis during recovery from these workouts.

In addition to establishing PureSport, Dr. Ivy maintained his active research laboratory with a variety of grants. Most appealing in name is the grant from the National Dairy Council entitled "The effect of Chocolate Milk on Exercise Recovery and Training Adaptations". Dr. Ivy's research hopefully will justify our drinking of chocolate milk as an ergogenic aid and health benefit, and not just an indulgence. Dr. Ivy also received funding to study the effects of proper nutrition, nutritional supplements, diet and exercise in healthy weight loss. This study was funded by Genuine Health, Toronto Canada. Dr. Ivy also continued to study the effect of carbohydrate and protein supplementation on performance and received funding from the Human Performance Laboratories, Austin TX, to quantify the effects of a low carbohydrate/moderate protein beverage on endurance performance.

### Dr. Edward Coyle

While we cheered for our US athletes during the Olympics we also continued to be reminded of the tremendous sacrifice our military makes while operating in extreme environmental conditions throughout the world. Nightly we see news segments showing our troops in the middle east fighting in extreme hot and arid conditions in Iraq during the summer and extreme cold in the mountains of Afghanistan during the winter. Dr. Ed Coyle continues his work for the Department of Defense evaluating the effects of elevated environmental temperature, prolonged work bouts and sleep deprivation on optimal physical and psychological performance. In an environment where the luxury of a good night's sleep and moderate temperatures are typically not found, understanding how the body functions under these extreme physical stresses, and how to better maintain an adequate level of body function is critical to our soldier's welfare and performance. This work was funded as part of a subcontract to UT Austin, and is in collaboration with colleagues in Psychology and the Advanced Technologies Institute. A separate focus of Dr. Coyle's research, and also funded by the Department of Defense, involves



Grad students working on Dept of Defense Hi-Ops fatigue study

the investigation of what limits high intensity exercise performance. Subjects for Dr. Coyle's studies include soldiers from Ft Hood in Killeen, TX and cadets from the U.S. Military Academy at West Point.

During exercises or physical activities that have a high eccentric contraction component (resistance causes muscle to lengthen when trying to contract) competitive and recreational athletes as well as soldiers develop a substantial degree of muscle damage. Dr. Coyle's laboratory is evaluating the effects of pomegranate extract as prophylactic against muscle damage due to eccentric contractions and free radicals. This research is funded by POMS Wonderful.

In addition, Dr. Coyle continues his assessment of elite athletes. Most recently, he evaluated the University of Texas NCAA 1500 meter champion, Leo Manzano, before he left for Beijing to compete in the Olympics for the United States Track and Field team.

**Dr. Roger Farrar**

One of the costs of war is the physical trauma that many soldiers incur from combat wounds. Due to the body armor our soldiers wear, and the



**Dr. Coyle and his grad students with Leo Manzano**

type of warfare we are engaged in, approximately 70% of combat injuries are extremity injuries, occurring in bone, muscle and joints of the limbs. Dr. Roger Farrar has been funded by the Department of Defense to develop models of muscle regeneration subsequent to damage. Dr. Farrar is developing models for muscular regeneration utilizing a collagen honeycomb derived from the muscular tissue (extracellular matrix) and adult stem cells derived from bone marrow. Stem cells, provided the appropriate environment,

demonstrate remarkable plasticity and can differentiate into muscular tissue. A second form of injury suffered by our soldiers, tissue necrosis, is due to ischemia/ reperfusion imposed by tourniquet application. Surprisingly the tourniquet, which saves many lives by stopping excessive bleeding following combat trauma,

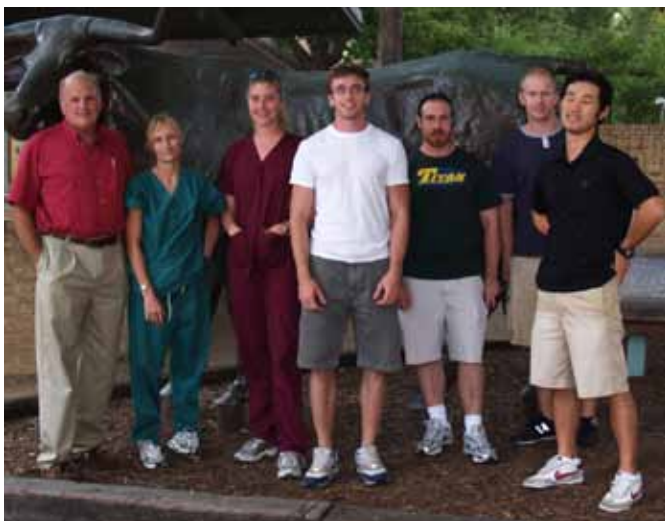
has been demonstrated to induce significant damage to muscular tissue if the tourniquet is applied too long. This can occur while medical treatment is being performed in the field or surgical room. If the treatment is too long, the release of the tourniquet and the re-introduction of blood, oxygen and substrates (reperfusion) to the injured tissue causes oxidative stress on the tissue, and muscular damage separate from the initial trauma itself. Dr. Farrar's laboratory is seeking ways to minimize this damage and hasten recovery.

Dr. Farrar and Dr. Jan Todd continued their succession of one year grants from the City of Austin to train firefighter



**Dr. Bartholomew with Sandy Graham and Esbelle Jowers present their research findings from the Walk Texas study at the Diabetes Summit**

applicants in heavy resistance training so that they may successfully complete the Candidate Physical Ability Test (CPAT). This is part of a battery of tests that all fire fighting applicants must pass in order to qualify for the Fire Fighter Academy. This test places a premium on muscular strength. While the majority of applicants who register for this class are females, there has been a significant increase in male applicants in recent years due to the excellent training provided by Dr. Kim Beckwith, our fitness supervisor. Last year over 85% of our female trainees passed the CPAT compared with only 5-15% prior to the initiation of our program.



**Dr. Farrar with his lab group.**



## Dr. John Bartholomew

Dr. John Bartholomew, an Exercise Psychologist, is involved in research that spans two areas, Exercise Psychology and Health Education. Dr. Bartholomew teaches courses in both graduate programs and advises graduate students in both programs. He and Dr. Esbelle Jowers, Research Scientist, are funded through the NIH (Evaluation of the Texas I-CAN Curriculum) to evaluate the benefits of adding physical activity to the regular education of elementary classrooms. For his second grant, Dr. Bartholomew has partnered with the regional offices of the Department of Health to focus on primary and secondary preventions of Diabetes. This grant is funded through the Texas Department of State Health Services-Texas Diabetes Council. These grants, in which elementary-aged children and adult are studied, are providing critical information relative to the role of exercise and nutrition on the health and well being of the citizens of Texas throughout the lifespan. Dr. Bartholomew is also expanding his research by collaborating with Dr. Bill Kohl who recently joined our faculty and has a joint appointment at the University of Texas, Austin and School of Public Health, University of Texas Health Science Center at Houston. Dr. Kohl is an Exercise Epidemiologist, who came from the Center for Disease Control (CDC). He is an important addition to our faculty as he provides a broader focus on the effects of exercise and lifestyle upon health and quality of life.



**Mandeep Dhindsa determining vascular resistance in Dr. Tanaka's lab**

## Dr. Hirofumi Tanaka

Dr. Hirofumi Tanaka continues in his research focus on the Influence of aging and lifestyle modification on cardiovascular function and disease risk in humans. Dr. Tanaka is a prolific scholar in this area and is supported by a continuation of his NIH grant entitled "Resistance Training & Age-Related Arterial Stiffening" and a R32 NIH grant supporting doctoral student Allison DeVan's who is investigating the effects of smoking and Exercise on Arterial Stiffness.

## Brian Farr

Brian Farr is the Head of the Athletic Training program housed within the Department of Kinesiology and Health Education. Brian guided the program through its national certification, teaches a majority of the academic classes for this major, as well oversees the clinical experience of 30 students each year. These students complete their clinical training within the University of Texas Intercollegiate Athletic program, as well as work with the local school districts and their athletic programs. In order to be certified in the state of Texas these students must successfully complete over a thousand hours of clinical experience before they are permitted to take the board examination.

## Phil Stanforth

Phil Stanforth continues to lead the Fitness Institute of Texas, FIT. This institute evaluates roughly 1500 students per year in a battery of fitness tests. The institute also carries out fitness tests on numerous University of Texas athletic teams, students of the University of Texas, and individuals from the community who wish to know their fitness level and body composition. FIT also supports human research testing within the department and within other departments and research units on campus, as well as corporations within the private sector. Phil also conducts training and certification for the American College of Sports Medicine Leadership certification



**Phil Stanforth and Matt Tierney testing AFD firefighters**

program. All of these activities keep Phil, his four graduate assistants and undergraduate staff very busy throughout the year. These services are valuable additions to our university, community, and the private sector in central Texas.

## Research Publications

As can be seen the scope of the research is broad reaching and requires our students to receive course work ranging from clinical evaluation of work capacity to biochemical and cellular adaptations to metabolic and mechanical loads placed on heart and skeletal musculature. The research conducted in the various laboratories within Exercise Physiology has resulted in over 20 publications in the following national and international journals: *Age and Aging, Amino Acids, American Journal of Physiology: Heart and Circulatory Physiology, Archives of Physical Medicine and Rehabilitation, Atherosclerosis, British Journal of Sports Medicine, Heart and Vessels, Hypertension Research, International Journal of Cardiology, International Journal of Sports Medicine, Journal of the American Geriatric Society, Journal of Applied Physiology, Journal of Applied Social Psychology, Journal of Community Health, Journal of Strength and Conditioning Research, Medicine and Science in Sports and Exercise, Metabolism, Sports Medicine.*

The faculty also were active in presenting their research at national

and international conferences. In total, more than 30 international, national, state and local presentations were given. Presentations were given in Japan, Korea, The Netherlands, Chile and Ireland and throughout the USA. The topics ranged from what will motivate children to exercise and the proper foods and supplements athletes should consume to speed recovery to how heart tissue is damaged from ischemia/reperfusion and how amino acids regulate muscle glucose transport. The faculty take great pride in being invited to share their latest research with the lay public as well as to their professional colleagues and associates. A list of faculty presentations can be found on page 48 of this report.

### Program Equipment Awards

Under Dr. John Ivy's leadership as Chair, the department was able to obtain equipment grants from the University of Texas STARS program from Provost Steve Leslie and from the Cullen Education Trust Fund, Houston, TX.

The STARS Equipment Award provided critical equipment for our core biochemistry research laboratory. Much of our core equipment had become outdated and Dr Ivy was able to obtain the STARS award to update this equipment plus purchase new equipment items that make our laboratory competitive with other top exercise physiology programs. New equipment included these major items:

- Cary UV/VIS scanning microplate reader
- Cary Spectrophotometer
- BioRad iQ5 Real Time PCR machine
- BioRad ChemiDoc Imaging system for gel scanning
- BioRad VersaDoc Imaging system for immunofluorescent gel scanning
- Beckman Coulter R22 Microfuge
- Beckman LS6500 Liquid Scintillation counter
- Wallach Wizard Gamma counter
- Thermo L6 preparative centrifuge

This STARS grant also provided renovation of our core laboratories,

including new laboratory benches and counter tops and much needed revamped workspace and cabinets. These laboratories serve as the core facilities housing major instrumentation for 5 research investigators and their graduate students.

The Cullen Education Trust Fund grant was specific to teaching facilities and undergraduate teaching laboratories. The new equipment for the undergraduate Exercise Physiology Laboratory will include:

- Electronic analyzers for both CO<sub>2</sub> and O<sub>2</sub> measurement
- Dry test gas meters to determine gas volumes
- Wingate bicycle ergometers
- Strength Testing Equipment

These component systems will compliment the metabolic cart allowing the students to gain greater understanding of the parameters that determine oxygen consumption and work capacity measures.

In addition the undergraduate Applied Human Anatomy/Athletic training laboratories will be getting additional human plastinated specimens. These specimens will greatly enhance the opportunity for learning human anatomy and its application to athletic training.

### Student Fellowships and Awards

Each year approximately 25 new graduate students enter our graduate program in Exercise Physiology. These students come from around the USA and from around the world. With their diversity of cultural and academic backgrounds these students enrich our graduate program and our lives. We are very proud of our students and a number of them received competitive scholarships this past year.

### Continuing Fellowships

These fellowships are awarded to graduate students following a university wide competition run by the University of Texas Graduate School. Academic records (GPA) and research productivity

are the criteria used to award the fellowships. This year we were honored that three of our graduate students received these awards:

Allison DeVan	Dr. Hiro Tanaka adviser
Jill Cook Barnes	Dr. Hiro Tanaka adviser
Joel Trinity	Dr. Ed Coyle adviser

### College Awards

**Alderson Teaching Scholarship:**

Chris Renzi, Dr. Tanaka adviser

**Ellis Fellowship:**

David Hammers, Dr. Roger Farrar adviser

### Departmental Awards

**Mack Brown Scholarship:**

Ed Merritt, Dr. Roger Farrar adviser

Jeff Bernard, Dr. John Ivy adviser

### Dr. Joseph Starnes

One sad note was the departure of Dr. Joseph Starnes who left our Exercise Physiology group to become Department Chair of Exercise and Sports Science at the University of North Carolina at Greensboro, North Carolina. For Dr. Starnes this is a return to the southeast, close to Atlanta, where he and his wife Meg were raised. It was also a well-deserved opportunity to apply his administrative skills in leading the only exercise physiology Ph. D. program in the state of North Carolina.

We will miss our friend and colleague who joined our faculty in 1984. His research expertise, collegiality, easy-going demeanor, and administrative skills as Graduate Adviser are missed.



Dr. Starnes and his grad student, Brian Feger, at their new home base.

## Health Education

### Alexandra Loukas, Coordinator

During the 2007-2008 academic year, the Health Education faculty continued to maintain national leadership and research productivity in health promotion and behavioral health, while offering excellent instructional programs at both the undergraduate and graduate level.

### Undergraduate Programs

At the undergraduate level, we offer the BS in Kinesiology and Health with a major in Health Promotion. Upon graduation, our majors are prepared for careers in community health care settings, corporate and personal wellness centers, government agencies, voluntary health agencies, fitness rehabilitation, and personal training. Many of these students pursue graduate degrees in health promotion or related fields of study such as physical therapy, public health, nursing, nutrition, or counseling. The Fourth Annual Internship and Career Day organized by The College of Education Advising and Career Services Center for our undergraduate students was a great success.

### Graduate Programs

Health Education at UT Austin is an interdisciplinary program that prepares students for academic, research, and applied careers in health promotion. The masters programs prepare researchers and practitioners for leadership roles in higher education, schools, community health care settings, business, government agencies, and voluntary health agencies. The PhD in Health Education prepares students for academic and research careers with specializations in health promotion or behavioral health. Research in health promotion and behavioral health is conducted in a variety of settings (e.g., school, community, worksite, health care, university) and addresses health issues across the life span. Over the past three years, all masters' graduates have passed



HED faculty (l to r): Bill Kohl, Polly Edmundson, Fred Peterson, Alexandra Loukas, Mary Steinhardt, John Bartholomew, Carole Holahan

the national Certified Health Education Specialist (CHES) examination.

### Faculty

Our core faculty represents a diversity of interests in health promotion and behavioral health. Dr. John Bartholomew brings an interest in the psychological factors that are associated with physical activity: the psychological response to exercise (stress, mood, etc.) and the psychological factors that promote activity (motivation, self-efficacy, etc.) Dr. Elizabeth Edmundson brings a public health focus to measurement and evaluation issues in health promotion/disease prevention programs, obesity prevention, cancer & CVD risk reduction, children and adolescents. Dr. Nell Gottlieb, a research professor, focuses on the design, implementation, and evaluation of health education programs. Her current applied public health research includes physical activity, nutrition, and tobacco control in community, worksite, and health care settings. Dr. Carole Holahan studies psychosocial factors in health and well-being across the life span, successful aging, coping with illness, and woman's

health. Dr. Alexandra Loukas, the HED coordinator, studies adolescent and young adult health, particularly adolescent aggression and tobacco use and cessation in disparate populations, with a special interest in examining how factors from multiple ecological levels (e.g., family, school, culture) interact to protect adolescents and young adults from negative health outcomes. Dr. Fred Peterson focuses on child, adolescent, and school health promotion, adolescent risk-taking behavior, and global warming education with a focus on teacher health literacy and evidence-based instruction. Dr. Mary Steinhardt's research program focuses on stress, coping, and resilience, especially promoting resilience-based diabetes self-management programs for African American adults with Type II diabetes.

In spring 2008, the HED faculty conducted a national search for a community health educator, resulting in the hire of Dr. Keryn Pasch to start in the fall of 2008. Dr. Pasch earned a doctorate in Behavioral Epidemiology from the School of Public Health at the University of Minnesota and a Master's in Public Health in Health Behavior and

Health Education from the School of Public Health at the University of North



**Dr. Keryn Pasch**

Carolina at Chapel Hill. She also completed an NCI-funded post-doctoral program at the University of Texas Health Science Center, School of Public

Health (Austin campus). Dr. Pasch's interests focus on personal, behavioral, and environmental influences on adolescent health behavior and in particular the influence of parenting and media on adolescent health behavior. Health Education is very much looking forward to Dr. Pasch's contributions to our program and to her field of expertise.



**Dr. Harold W. "Bill" Kohl**

Also joining the HED faculty in spring 2008 was Dr. Harold W. ("Bill") Kohl III. Dr. Kohl holds a joint appointment at the University of

Science Center, School of Public Health (Austin campus). Dr. Kohl was previously employed at the Centers for Disease Control and Prevention in the role of Lead Epidemiologist and Team Leader of the Epidemiology and Surveillance Team in the Physical Activity and Health Branch of the Division of Nutrition and Physical Activity. Dr. Kohl's research interests include current focuses on physical activity, exercise, fitness and public health as well as sports medicine surveillance for musculoskeletal injuries. Dr. Kohl serves as Editor-in-Chief of the Journal of Physical Activity and Health and is the Founding President of the International Society for Physical Activity and Health. Health



**Dr. Steinhardt with participants in the Diabetes Coaching Program held at Olivet Baptist Church in East Austin**

Education is honored to have Dr. Kohl join the group.

Health Education faculty continue to have a professional national presence. This past year the faculty published, or had accepted for publication, sixteen research articles in the *American Journal of Health Behavior*, the *American Journal of Health Promotion*, the *Journal of American College Health*, the *Journal of Youth and Adolescence*, the *Journal of Family Psychology*, the *Journal of Marriage and Family*, the *Journal of Physical Activity and Health*, the *International Journal of Aging and Health Development*, the *Teacher Education Quarterly*, the *American Journal of Public Health*, the *Leadership Compass Newsletter*, the *Californian Journal of Health Promotion*, *Armed Forces & Society*, *Disability and Rehabilitation*, and *Preventing Chronic Disease: Public Health Research, Practice, and Policy*.

The faculty also gave fifteen research presentations at national and international conferences, including the Biennial Meeting of the Society for Research on Adolescence; the National Conference on Tobacco or Health; the Annual Meeting of the Society for Behavioral Medicine; the Annual

Meeting of the Society for the Scientific Study of Sexuality; the APHA Annual Conference; the American Alliance for Health, Physical Education, Recreation and Dance Annual Conference; the Association for Supervision and Curriculum Development Annual Conference; the International Congress on Physical Activity and Public Health, and the International Society for Behavioral Nutrition and Physical Activity.

### **Grants and Funding**

Health Education faculty received a total of \$1,169,673 in external funding for research and development. The grants, contracts, and contributions were from the following: the National Cancer Institute/National Institutes of Health, the Texas Department of State Health Services, the Association for Supervision and Curriculum Development, 3M, the Anthony Marchionne Foundation, and the UT Austin School of Nursing.

### **Faculty Activity**

Health Education faculty provided important service to the community and made numerous contributions to the field during the past year. Among these, Dr. Gottlieb served on the Executive

Board of the American Public Health Association and was Chair of Strategic Planning Committee, Co-chair of the Task Force on Agency Improvement and Reorganization and a member of the Finance Committee for that same organization. Dr. Peterson served as General Editor for the DWJ Books reference series for adolescents, "The Truth About... (Health)". Dr. Holahan served on the American Psychological Association Division 20 (Adult Development and Aging) Student Awards Committee. Dr. Loukas was appointed to the Finance Committee of the Society for Research on Adolescence. Finally, Drs. Peterson and Steinhardt were licensed by the National Commission for Health Education as Certified Health Education Specialists" (CHES) in April, 2008.

### Professional Service

The Health Education faculty served on editorial boards and provided reviews for articles in journals such as the *American Journal of Health Promotion*, the *Journal of Adolescent Health*, the *Journal of Early Adolescence*, the *Journal of Health Education and Health Behavior*, the *Journal of Marriage and Family*, the *Journal of Youth & Adolescence*, the *Journal of Family Theory & Review*, *Tobacco Control*, the *Infant Mental Health Journal*, *Armed Forces & Society*, *Family & Community Health*, the *Journal of School Health*, the *Journal of Physical Activity and Health*, *Psychology, Health & Medicine and Social Development*.

The faculty also contributed to the university through service on several University-wide committees. Dr. Loukas served on the University Graduate Assembly and was a member of the Institutional Review Board. Dr. Holahan served on the Women's Faculty Organization Steering Committee. Dr. Peterson served on the "Children and Society" Bridging Disciplines Program (BDP) Faculty Advisory Panel. Dr. Steinhardt served on the Faculty Grievance Committee, the Women's Athletics Committee, the Faculty

Council, and the Recreational Sports Committee.

The HED faculty is especially proud of Dr. Mary Steinhardt, who was appointed Faculty Ombudsperson for the University beginning in fall 2008.

### Student Honors

Several health education students received prestigious competitive awards last year. Kelly Welsh received an Alderson Graduate Teaching Scholarship, Sooin Jung received the Harrington Award, Denise Herrera received the Lynn McCraw Graduate Fellowship, and Ethel Garcia and Katherine Velasquez both received an Ellis Fellowship.

### Internship Placements

This year our undergraduate Health Promotion and Fitness Students and MEd Students completed internships in a variety of settings in Austin and elsewhere in Texas, as well as some out-of-state. These included 24 Hour Fitness, 3M Austin Fitness Center, American Diabetes Association, American Lung Association, the Health Services Unit of the Austin Police Department, Capitol Metro, Catz Sports (San Antonio), City of Austin Family Health Program, Club One Inc., the East Texas Medical Center (Tyler), the Fitness Institute of Texas, Goddess Fit, Koala Sports and Medicine, Neighborhood Longhorns Program, Neuromuscular

Institute of Texas, North Austin Sports Medicine, Pinnacle Elite Fitness, Rising Phoenix Adventures (Bastrop TX), Round Rock Medical Center, St. David's Health and Fitness Center, the Sustainable Food Center, TMI Sports Performance (Grand Prairie), Train 4 the Game, UT Austin (Intercollegiate Athletics and Recreational Sports), Victory Medical, Well at Dell Fitness Center, Woodcreek Wellness Center (Houston), Youth InterACTIVE, Zoom Sports (Frisco), Boise State Strength and Conditioning (Boise ID), and Athlete's Performance (Tempe AZ).

### New Graduates

We are very proud of our recent graduates. Sarah Bubb, Kevin Roux and Julie Futrell all received the M.Ed., while Vanessa Araujo, Rebecca Garza and Rodney Joseph received the MA.

The Health Education Students Association (HESA) was very active during the 2007-08 year. HESA sponsored vita preparation and grant funding seminars, and maintained a presence at the College of Natural Science's "Becoming A Disease Detective" conference. In addition, HESA sponsored a day-long workshop on diversity for faculty and students.



Sarah Westerfield (former UT student) and Noel Kosiek, staff of Medifit at Well at Dell.

## Movement Science

### Waneen Spirduso, Coordinator

The faculty and students of the Movement Science program focus their study and research on multidisciplinary analysis of human movement, based on a combination of biomechanical, neurophysiological, developmental, cognitive, and behavioral approaches. The 2007-2008 year saw our graduate program grow in numbers and in quality. In addition, the program evidenced significant influence locally, nationally, and internationally because of the outstanding scholarly and service activities of the faculty and students. Movement Science website: <http://www.edb.utexas.edu/mvmtsci/>

### 2007-2008 Faculty

Professor Lawrence Abraham – studies the coordination of human movement, with particular emphasis on the interaction of neural and mechanical mechanisms.

Professor Jody Jensen – studies the development of movement skills and changes in movement competence throughout the life span, with specific emphasis on the dose response to bouts of movement activity and concomitant changes in the neuromotor system.

Professor Waneen Spirduso – examines the relationship of health and physical fitness to cognitive function in older adults.

Assistant Professor Jonathan Dingwell - uses concepts and tools from physics and mechanics to tackle both basic science and clinical questions related to biomechanics and neuromuscular control of movement.

Assistant Professor Lisa Griffin - investigates how the central nervous system controls muscle force during adulthood and aging and how motor control changes during perturbations such as muscle fatigue and strength and endurance training.

### Graduate Students

*Masters Students:* Ester Cory (Jensen); Jillian DeLatorre (Jensen); Kimberly (Jensen); Michelle Garel (Dingwell); Sarah Keller (Griffin); Ana Leandro (Jensen); Kang-Soo Lee (Jensen); Pamela Painter (Griffin); Roland Robb (Dingwell); Rick Rousell (Spirduso/Abraham); Cheol Hyun Ryu (Spirduso); C.J. Stanfill (Jensen); Ashok Subramanian (Griffin); Ankit Wadhwa (Griffin).

*Doctoral Students:* Mike Decker (Griffin/Abraham); Deanna H. Gates (Dingwell); Trena Herring (Spirduso/Abraham); Hyun Gu Kang (Dingwell); Paricia M. McAndrew (Dingwell); Joni Mettler (Griffin); Ann Newstead (Jensen); Hung P. Nguyen (Dingwell); Shawn J. Scott (Dingwell); Kevin Terry (Griffin).



**New PhD graduate Hyun Gu Kang (r) and his supervising professor, Jonathan Dingwell**

### 2007-2008 Graduates

Hyun Gu Kang, PhD, Kinesiology-Movement Science (Dingwell)

Kevin Terry, PhD, Biomedical Engineering (Griffin)

Jillian DeLatorre, MEd, Kinesiology-Movement Science (Jensen)

Kimberly Helman, MEd, Kinesiology-Movement Science (Jensen)

Sarah Keller, MS, Exchange student from Switzerland (Griffin)

Pamela Painter, MA, Kinesiology-Movement Science (Griffin)

Ankit Wadhwa, ME, Electrical and Computer Engineering (Griffin)

### Scholarship

The Movement Science group's reputation is built on its strong foundation of research and in 2007-2008, the scholarly productivity of our group continued to gain both national and international recognition.

Much of this increased activity has been due to our continued success at attracting both federal and non-federal funding in recent years. This year Jonathan Dingwell completed work on his 3-year \$346,965 NIH grant examining fatigue-related changes in motor development and received a new, 2-year \$399,119 NIH grant to study the effects of large and small perturbations on the dynamic stability of human walking. Dr. Dingwell also received a \$6,000 award from the University Research Institute to examine risks of tripping during walking and a \$2,194 grant from the American Society of Biomechanics to support the work of a doctoral student, Deanna Gates. Lisa Griffin completed the second year of her 3-year \$213,864 NIH grant, Motor Unit Activity and Force Steadiness changes with Aging.

In 2007-08 our faculty and graduate students published 12 scientific articles in national or international peer reviewed research journals and 2 papers in refereed proceedings of international meetings. Our faculty and students additionally gave a total of 37 scientific presentations on their research, including 26 at 14 different national and international conferences, from Ann Arbor, MI to San Antonio, TX and San Diego, CA to Washington, DC; from the Netherlands to Sicily to Japan.

Several of our faculty were also invited to give special presentations on their research. Larry Abraham presented his work with the UTeach math and science teacher preparation program at the annual meeting of The Academy of Medicine, Engineering, and Science of Texas in Houston. Jonathan Dingwell



**Movement Science at Int'l Congress on Aging and Physical Activity in Takuba, Japan (l to r): Karen Francis, Ph.D.-UT in 2001, Asst Prof. at U. of San Francisco; Prof. Waneen Spirduso; Ellen Freiberger, Ph.D., Assoc. Prof., U. of Nuremberg, spent 2000-01 Spirduso's lab; two friends from The Netherlands; Takashi Kinagawa, Prof., U. of Tskuba, Japan, spent 1984-85 working in Abraham's lab.**

gave presentations to research groups at Penn State University and the University of Twente in The Netherlands. Lisa Griffin spoke about her laboratory's research at The UT Medical Branch in Galveston and at Texas A&M University. Jody Jensen gave an invited paper on motor development to the Combined Sections Meeting of the American Physical Therapy Association in Nashville. Waneen Spirduso gave the inaugural Joanne Safrit Distinguished Lecture at the University of Wisconsin-Madison.

Jody Jensen, with colleague Pamela Buchanan, continued to build her research focus on children with autism under the auspices of The University of Texas Autism Project (UTAP), which includes collaboration with UT Medical Branch at Galveston, Dell Children's Medical

Center, and the Austin Independent School District. UTAP was the spotlighted in a feature story on the UT website in September called "Ain't Misbehavin'".

### Teaching

A major activity in the Movement Science graduate program was a reorganization of the core courses in the masters and doctoral degree programs to reflect the current



**A student headed toward pediatric physical therapy assesses the age-appropriate motor skills of a budding skyscraper engineer.**

expertise and interests of the faculty and to best prepare students for research and clinical careers. In addition, the faculty participated in the department's restructuring of the undergraduate kinesiology curriculum and now will teach KIN 315 Motor Learning to all undergraduate kinesiology students (estimated to be 250 per year). Also a new undergraduate biomechanics course, KIN 320 Applied Biomechanics, was approved to be added to the curriculum to supplement the longstanding KIN 326K Biomechanical Analysis of Movement. Jody Jensen received a Vision Award grant from the College of Education to support innovative integration of technology in her teaching. Dr. Jensen also received major funding from the Office of the Provost to upgrade her laboratory equipment that is used both for research and for teaching the basic graduate biomechanics laboratory techniques course each year. We are also proud of the nearly 200 undergraduate students who were sponsored this year in independent study coursework, which provided them with hands-on experience in research and clinical settings.

### Service

The members of our group have also provided significant scholarly service over the past year. Jonathan Dingwell and Jody Jensen both served as consulting Editors for the Journal of Motor Behavior, Lisa Griffin served on the Editorial Board for Medicine and Science in Sports and Exercise, and Waneen Spirduso served on the Editorial Board of The Journal of Applied Gerontology. Waneen Spirduso also chaired the PhD Ranking Committee of the American Academy of Kinesiology and Physical Education. Dr. Spirduso also devoted a substantial amount of time as one of 16 founding members of the Board of Directors of the American Kinesiology Association (AKA), a new umbrella association of disciplines and professions of higher education who focus on kinesiology. The AKA's mission is to help organize and facilitate cross-



**A student in a UTAP play-day gets a high-five from Dr. Jensen after a successful pass at hop-scotch.**

disciplinary research, conferences, and other scholarly activities. The AKA, which includes the American College of Sports Medicine and the National Association of Sport and Physical Education as affiliates, is recognized by the National Academies, bringing new status to our field.

As an activity of the UTAP, Jody Jensen and Pam Buchanan gave several professional development workshops for teachers and parents titled "Working with children with Autism – Sensory and Motor Integration," including four 1-day workshops in Austin and a 3-day extended workshop in Huntsville, TX.

Our faculty members were active manuscript reviewers for a collective total of 25 scholarly journals. Additional external reviewing service was provided by Larry Abraham (book manuscript for Human Kinetics), Jonathan Dingwell (NSF grant) and Lisa Griffin (UT Medical Branch Claude Pepper grant). Larry Abraham also served as a consultant to the Knowledge Works Foundation in Cincinnati, OH on envisioning the future of teacher education.

On our campus, the Movement Science Faculty also provided exceptional service. Jody Jensen has chaired the UT Institutional Review Board since January 2007 and in that capacity represented The University this year at the Public Responsibility in Medicine and Research Conference in Boston and also served as the Vice-

Chair of the UT System IRB Task Force. Dr. Jensen also chaired the University's Internet Survey Review Committee. Larry Abraham continued to serve (since 2000) as Chair of the Department of Curriculum and Instruction and also continued as the education Co-Director for the nationally acclaimed secondary math and science teacher preparation program UTeach Natural Sciences. With support from public and private sponsors, this program is now being replicated at thirteen other universities nationwide. Dr. Abraham also continued to serve on the University Faculty Council and on the Advisory Board of the Clinical Education Center, a collaborative effort of The University, Seton Hospital, and Austin Community College to provide health science education and community outreach. Dr. Abraham also served as the Chair of the Faculty Advisory Committee for the selection of the Dean of the College of Fine Arts. Jonathan Dingwell served on the Executive Committee of the Biomedical Engineering Graduate Studies Committee.

Within our department, Jody Jensen chaired the Graduate Studies Committee and Waneen Spirduso chaired the Hall of Honor committee, which inducted its first class in Spring 2008.

### Faculty Honors

In March 2008 Jody Jensen received the Ruth B. Glassow Award from the Biomechanics Academy of the National Association for Sport and Physical Education (NASPE). This award is given to an individual whose life shows continual contributions to the discipline of biomechanics.



Larry Abraham held the Catherine Mae Parker Centennial Professorship in Education. Dr. Abraham was also

selected to give the Spring 2008 College of Education Commencement address.

Jonathan Dingwell and Lisa Griffin both held Faculty Fellowships in the Lee Hage Jamail Regents Chair in Education. Dr. Dingwell received word that he would be promoted to Associate Professor with tenure, effective in Fall of 2008.

Also noteworthy is the fact that the paper Su, J.L. and Dingwell, J.B. (2007) "Dynamic Stability of Passive Dynamic Walking on an Irregular Surface." ASME Journal of Biomechanical Engineering, 129(6): 802-810 was one of the Top 10 most downloaded research articles from this entire journal (all online issues, 1990-2008) for 3 months running: Dec. 2007 (#1), Jan. 2008 (#2), and Feb. 2008 (#4).

But perhaps best of all, Waneen Spirduso was a 3-time silver medalist at the U.S. Rowing National Masters Rowing Championship Regatta, Long Beach, CA (mixed double, womens' quad, and womens' 8+ with cox) in August 2008.

### Student Fellowships, Grants, and Honors

We are very proud of the accomplishments and recognition our Movement Science graduate students received in 2007-08.

Deanna Gates received a \$25,000 UT Continuing Fellowship from the Graduate School, a \$2,500 George J. Heuer, Jr. Ph.D. Endowed Graduate Fellowship from the UT College of Engineering, and a \$2,194 ASB Graduate Student Grant-In-Aid Award from the American Society of Biomechanics. Hyun Gu Kang was offered a \$24,000 UT Continuing Fellowship but declined it to accept a NIH Funded Post-Doctoral Fellowship at Beth Israel Medical Center, Harvard University. Roland Robb was awarded \$6,000 UT Ellis Graduate Fellowship. David Shau received a \$1,000 UT Undergraduate Research Fellowship to work in Dr. Dingwell's laboratory. Ashok Subramanian was awarded a \$42,000 NIH Graduate Student Training Grant from the Institute for Neuroscience.



## Physical Education Teacher Education

### Tere Ramirez, Coordinator

The goal of the Physical Education Teacher Education (PETE) program is to prepare physical educators in guiding students to become healthy and physically active for a lifetime. One of the preeminent goals of the Department of Kinesiology and Health Education is to educate citizens in the knowledge, skills, desire and habits needed to make physical activity a regular part of their lives. As indicated in the Surgeon General's Report on Physical Activity and the Healthy People 2010 report, physical education in the schools is the one delivery system that can influence the lives of every child and family. Public school physical education impacts our entire society – not only those who are fortunate and have the resources to join health clubs or the guidance and encouragement to participate in youth sports. Texas Senate Bills 19, 42, and 530 reinforce the need for schools to take a prominent role in providing daily physical activity for all elementary, middle and high school students. To prevent and reduce the epidemic of cardiovascular disease, obesity, and Type II diabetes, significant changes need to occur in the American lifestyle. Teaching citizens to care for their bodies is fundamental in school physical education and preparing teachers to meet this challenge effectively is vital and important work. Each physical educator touches several hundred youth each year and thousands of individuals over the course of his/her career.

The PETE faculty was sad to lose three long time valuable faculty, two to retirement, Charles W. Craven and Rosemary Slacks, and one to a teaching and coaching position in the public schools, Amanda Gammage. PETE lost 101 years of teaching experience. Their contributions to our program were enormous and they have left huge shoes to fill. For more details, see page 2-4.



**PETE faculty: (front row) Rosemary Slacks, Tere Ramirez, Dolly Lambdin, Fran Rush. (back row) Jan Todd, Bob Haugen, Pam Buchanan, Don Crowley, Kim Tyson, Charlie Craven. Not pictured: Amanda Gammage and Kim Beckwith.**

### PETE Graduate Program

The Department of Curriculum and Instruction launched the new graduate program in Curriculum and Instruction with a specialization in physical education. The program began this year with two PhD students.

The PETE graduate program prepares expert teachers, curriculum developers, and instructional leaders in the field of Physical Education. The graduate physical educators will be leaders in the field of Physical Education and have the knowledge, skills, cultural competency and commitment necessary to guide youth in the process of becoming healthy lifetime participants in physical activity. This program will have a unique focus on developing cultural competency and utilization of new technology in Physical Education through an array of courses offered in the program. Student may also enrich their education experiences through courses in the areas of Instructional Technology, Bilingual/Bicultural

Education, Curriculum Studies, and Kinesiology.

The graduate faculty, Louis Harrison, Xiaofen Keating, and Dolly Lambdin, are the core faculty within this program.



### Program Projects & Activities

#### PETE Student Roundup

The PETE program kicked off the academic semester with the 2nd Annual Student Round-Up. The goal of the Round-Up is to advise interested and new students about the PETE program and to meet and greet faculty and students who are already in the program.



PETE students “circle up” for some folk dancing

The PETE faculty offered three group academic advising sessions that were held throughout the day and then culminated with a social. Students played woodball, volleyball, met other students in the program, socialized, enjoyed refreshments and went home with some great raffle prizes.

**PETE Hosts Texas Fitnessgram Testing**

Texas passed SB530 mandating Texas students in grades 3 – 12 to be tested using Fitnessgram fitness assessment. All students must be tested in 6 areas: Aerobic Capacity, Body Composition, Abdominal Strength and Endurance, Trunk Extensor Strength and Flexibility, Upper Body Strength and Endurance, and Flexibility. Physical education teacher educators from universities around the central Texas area participated in training focused on the Fitnessgram assessment protocols. Dr. Marilu Meredith, Texas Ex and Project

Director at the Cooper Institute for the Fitnessgram, conducted the training.

**Japanese Scholar Visits PETE Program**

During the spring semester the PETE program hosted Professor Takashi Nakai from Nara University of Education Takabatakecho, Nara-city, Nara, Japan. Dr. Nakai’s interest revolves around assessment of

Physical Education Teacher Education programs. He spent time at The University to learn more about the PETE curriculum and Texas State Board of Educator Certification. Dr. Nakai is conducting a study of specific teacher education programs in England, Germany, and the United States. The University of Texas at Austin was one of three sites in the United States that he included in the study.

**Physical Education Technology Showcase**

The Department of Kinesiology and Heath Education offered the first ever Physical Education Technology graduate class developed and taught by Dolly Lambdin. Students studied and researched the use of exergaming, exercise monitoring and data management technology in physical education.

The graduate students taught campers enrolled in the Summer Sports School and also provided a technology showcase at the end of the semester. Faculty and staff from the University came to learn and use Wii, iToy, Dance Dance Revolution, Gamebikes as motivational exercise activities and to use TiVo as a means to study movement.



Demonstrating DDR and Wii Fit

**Physical Education Public Service Announcements**

In 2006 we developed 5 promotional one minute PSAs: The New Generation; Make Time; More Important Than Ever, Choices; and It’s For EveryBody. The PSAs were distributed nationally so they could be used by teachers, principals, community members to educate the public and develop support for quality physical education. The PSAs continue to make an impact and are continually requested from us from TV stations and school districts across the country. The PSAs can be viewed at [www.pecentral.com](http://www.pecentral.com).

**Faculty Activities and Accomplishments**

The Physical Education Teacher Education faculty is actively involved in national, state and university and community endeavors.

Amanda Gammage received a College of Education Vision Award for the development of a web site for team sport skills.

Dolly Lambdin received College of Education Vision Plan Funding: Physical Activity Technology Lab, Spring 2008 \$23,000.

Faculty presentations and lectures can be found on page 47.

**Faculty Honors and Awards**

Amanda Gammage received the Coaching Legend Award from Washington State university.



PETE Faculty host Dr. Takashi Nakai  
l to r: Dr. Louis Harrison, Tere Ramirez, Dr. Takashi Nakai, Fran Rush, Dr. Dolly Lambdin and Dr. Xiaofen Keating



**Amanda Gammage left the University to teach and coach in AISD public schools**

Dolly Lambdin receive a Textbook Excellence Award ("Texty Award") from the Text and Academic Authors Association March 2008 for Fitness for Life: Middle School co-authored with Charles B. Corbin and Guy Le Masurier and published by Human Kinetics: Champaign, IL.

Teresita B. Ramirez received the Silver Award from Texas Parks and Wildlife.

## **Student Achievements**

### **Texas Parks & Wildlife Angler Education Program welcomes new instructors.**

PETE students become Angler Education Instructors: Cris Benitez, Chris Cantu, Heather Christopherson, Jennifer Diaz, Evan Dye, Beauty Edgley, Eddie Ford, Brittany Fox, Casey Garcia, Michael Garcia, Ismael Gonzalez, Angie Helvey, Stephanie Kolaczowski, Arthur Leon, Sarah Mark, Mariah McAffe, Tommy Montoya, Eric Podgreger, Will Pothoff, Anthony Villanueva

### **Apprentice Teachers Fall 2007**

Apprentice teachers are students in the final semester of the Professional Development Sequence (PDS) and are supervised in an elementary and

secondary physical education teaching practicum for 12 weeks. *(pictured on page 28).*

### **Students Interns Spring 2008**

Interns are students who are in their first semester of the Professional Development Sequence (PDS). The Professional Development Sequence includes all the professional education classes for students who are studying to be physical education teachers. *(pictured on page 28).*

### **PETE students begin teaching careers**

Andrew Budd, Not Your Ordinary School (NYOS) Charter School; Sarah Butler, Emilie Watts - Austin ISD; Anthony Ortiz - Del Valle ISD; Amanda De La Garza - McKinney ISD; Mark Parvin, Marissa Zambrano - La Feria ISD; Jason James, Eric Podberger - Leander ISD.

### **PETE students accepted into graduate school**

David De La Peña, Lubbock Lutheran University; Erin Hassan, Univ of Iowa Rebecca Lambdin-Abraham, Univ of Northern Iowa; Brett Miksch, Univ of Louisiana - Monroe; Tres Segler, The Univ of Texas at Austin.

### **Service Learning Placements for Kinesiology Classes**

Teachers from area school districts contribute significantly to the teacher preparation program. Students participate in early field experiences in many classes where they observe and serve as assistants in a variety of physical education classes and program.

These school districts include Austin, Pflugerville, & Round Rock ISD. Other schools and programs which also contribute include Dell Jewish Community Center, Texas School for the Blind and Visually Impaired, UT Austin Summer Sports School, and Youth Interactive.

### **Public School Cooperating Teachers**

Each year we depend on public school teachers for their leadership and

expertise in training future physical education teachers during the internship and teaching practicum. Cooperating teachers spend numerous hours guiding interns and apprentice teachers, reviewing unit and lesson plans, and providing feedback on their teaching performance.

### **PETE Alumni Receives Award**

Dalhia Page, Class of 2002, received the 2007-2008 TAHPERD Secondary Physical Educator of the Year Award. Dalhia teaches at Richardson High School in Richardson Independent School District.



### **Community Student Service Learning**

The Teacher Education Faculty coordinated thousands of student volunteer hours for events in the Austin area community. Students enrolled in various classes in the Department of Kinesiology and Health Education (KIN 314, 360, 119, 219, EDC 370E and EDC 370S) have served as volunteers in special programs in area school districts, community as well as assisted teachers in their classrooms.

Our students gain valuable experience as they worked these events, which included: AISD/AAPER Cross Country Run, AISD Volleyball Playday, Explore UT, Field Days in Austin and Round Rock ISD, Jump Rope for Heart, Junior Dillo Kids' K, Marathon Kids The Kick Off Mile and The Final Mile, St. David's Hospital Wheelchair Sports and Rehabilitation Program, Texas Parks and Wildlife EXPO, Texas School for the Blind and Visually Impaired, Youth Interactive.

### **Explore UT Volleyball Playday**

The Department of Kinesiology and Health Education, UT Division of Recreational Sports and the Austin Association for Physical Education and Recreation (AAPER) sponsor the Volleyball Playday for 5th grade students in the

Austin ISD. School teams come to The University for a fun filled day! Students play a developmentally appropriate game of volleyball and participate in the biggest open house in Texas – EXPLORE UT. This year there were around 3,000 spectators and visitors.



**Marathon Kids! The Kick-Off Mile**

Marathon Kids promotes a healthy and physically active lifestyle through an incremental fitness program. KIN and PETE students and faculty volunteer at the annual Marathon Kids Kick Off Mile at the Mike Myers Track Stadium and the Marathon Kids Final Mile at Toney Burger Center.



Dr. Eduardo Sanchez, Director of the Institute for Health Policy in The University of Texas School of Public Health at Houston, and Austin ISD elementary students run the ceremonial kick-off lap.



**Alderson Teaching Scholarship recipients**

Front Row: Marissa Zambrano, Erin Hassan, Amanda De La Garza, and Landra Stewardson. Back Row: Rebecca Lambdin-Abraham, Tres Segler, Mark Parvin and Sarah Butler

2007-2008 National Association for Sport and Physical Education (NASPE) Outstanding Award.



**Stephanie Kolaczowski**

2007-2008 TAHPERD Student Scholar



**Rebecca Lambdin-Abraham**  
Proud parents, Dr. Larry Abraham and Dr. Dolly Lambdin

TAHPERD Outstanding Students of the Year



**Rebecca Lambdin-Abraham and Erin Hassan**



**Apprentice Teachers Fall 2007**

Front Row: Erin Hassan, Amanda DeLaGarza, Rebecca Lambdin-Abraham. 2nd Row: Melissa Fox, Landra Stewardson, Emily Watts, and Marie Campbell. 3rd Row: Marissa Zambrano, Sarah Butler, Brad Nelson and Diana Hernandez. 4th Row: Andrew Budd, Mark Parvin, Anthony Ortiz, and David De La Peña. 5th Row: Brett Miksch, Jason James, Tres Segler, and Eric Podbreger



**Student Interns Spring 2008**

Front row: Jennifer Diaz, Brittany Fox, Michael Garcia, Arthur Leon, Ashley Glenn, Chris Cantu, Heather Jim, Sarah Mark, and Stephanie Kolaczowski. Back row: Evan Dye, Joe Riojas, Anthony Villanueva, Angie Helvey, Will Potthoff, Hondo Gonzalez and Cris Benitez



**Fall 2007 Graduates**

Front Row: David De La Peña, Brad Nelson, Emilie Watts, Landra Stewardson, Melissa Fox, Sarah Butler, Marie Campbell, Marissa Zambrano, and Amanda De La Garza. Back Row: Brett Miksch, Anthony Ortiz, Eric Podbreger, and Mark Parvin



**Spring 2008 Graduates**

Jason James, Erin Hassan, and Becca Lambdin-Abraham (not pictured)

# Physical Education

## Charles Craven, Director

Regardless of the continual merging of technology in our society and daily lives, we have an innate desire to express ourselves physically. From elite level Olympic, Special and Paralympics athletes, to infants, age group and college students the human machine has a desire to move and express. Many times obesity, sedentary lifestyle or social pressures makes physical expression uncomfortable or seemingly unobtainable, but the desire for physical expression has been present in every civilization and culture. We are all physical artists and until we allow this desire to surface we are not complete. With a concomitant academic component the purpose of the Physical Education Program is the development of the individual through diverse physical activity offerings delineated by specific physical skills. In addition the underlying benefit to those students who participate in the Physical Education program is to produce holistic improvements in the individual's physical, mental and emotional qualities using physical means to develop the whole being.

Commensurate with our stated purpose of providing opportunities for the entire university, our faculty and program provide an excellent opportunity for College of Education (specifically Department of Kinesiology and Health Education) students to enroll in specific courses to support their selected academic specialization. To maintain the highest level of movement pedagogy and course content information the teaching faculty participates in local, state, national and international activities to ensure the students benefit from their continued professional development.

The future of Kinesiology and Health Education is also directly related to the opportunities provided for graduate students who serve as teaching

assistants within the Physical Education Program. Under the direct supervision of faculty members the Master's and Doctoral students provide a direct infusion of educational and practical expertise to the program. The diversity of course offerings range from:

- Aquatics and Related Aquatic Activities-(Beginning Swimming, Scuba Diving, Conditioning)
- Dance- (Beginning-Intermediate-Advanced)
- Racquet sports- (Racquetball, Tennis)
- Dual Activities- (Handball, Fencing, Karate/Tae Kwan Do, Judo)
- Conditioning- (Aerobics Related Activities, Weight Training and various subsets)
- Individual Activities- (Golf-Beginning-Intermediate-Advanced)
- Team Activities-(Basketball, Softball, Volleyball)

In a continuing effort to serve the student body and dependent upon new faculty expertise additional topics and course offerings will be implemented in the very near future.

The Sports School is one extension of the Physical Education Program which provides direct access to the university faculty and staff children and community with a variety of course and camp offerings. The Sports School has been in existence since 1930 and has exposed thousands of student's to quality instruction and a firsthand look at the university. Individual activities in fall, spring and summer consist of aquatics, aquatics safety and tennis. The summer sports camp provides an opportunity for elementary-middle school student's exposure to sports as a culture and individual sport activities.

The cumulative enrollment for all the programs exceeded 6,800 students in 280 varied course offerings. There were 13 faculty members and 12 teaching assistants who provided over 11,000 hours of instruction. Evaluation of the Physical Education Program is continual and ongoing to maximize the

opportunities available for students from all colleges and disciplines.

## Faculty Accomplishments and Activities

The quality of this program is directly proportional to the faculty's expertise. The faculty's involvement in continuing education, publications, professional presentations and recognition serve as tangible evidence of the depth and breadth of the program.

### Aquatics Program

**Don Crowley** - Don is as innovative as he is multitalented. From teaching beginning swimming to advance he incorporates technology to all levels. Credentialed by the American Cross, Don conducted numerous valuable Aquatics safety courses, CPR, First Aid, AED and Lifeguarding courses. Presentations on aforementioned areas were to Texas School for Deaf Aquatics Staff, Austin Sports Medicine Staff, City of Austin Aquatics, Longhorn Aquatics, and Central Texas Water Safety.



**Terri Mitchell** - Terri continues to lend a very diverse approach to her aquatic conditioning instruction to post surgical as well as able bodied students and clients. Utilizing proprioceptive neuromuscular facilitation (PNF) for aquatic therapy Terri has given numerous professional presentations as well as published article on the topic:

"PNF in the Pool", AKWA Publication of the Aquatic Exercise Association, Vol. 21, No. 2, August/September 2007.

In addition, Terri presented over 10 times to various professional organizations and groups from topics ranging from "Supine Shoulder Solutions to "Pilates in the Pool"

**Peter Oliver** - Peter is a nationally recognized Scuba Specialist whose involvement extends from author, editorial leadership and professional presentations:

"Cardiopulmonary Resuscitation (CPR)," "Foreign Body Airway Obstruction," "Emergency Oxygen Administration," and "Automated External Defibrillation." Chapters in: NAUI First Aid. Tampa: National Association of Underwater Instructors, 2007.

Editor: NAUI First Aid. Tampa: Natl Assoc of Underwater Instructors, 2007; NAUI First Aid Instructor Guide. Tampa: Natl Assoc of Underwater Instructors, 2007; Introduction to Technical Diving Instructor Guide. Tampa: Natl Assoc of Underwater Instructors, 2007; Sources: The Journal of Underwater Education. Tampa: NAUI Dive Business Today: Resources for the Business of Diving. Tampa: NAUI.



**Kim Tyson** - Recognized as an expert witness on varied aquatic issues, Kim's expertise in the classroom is a logical extension of his professional background and educational experience. Kim's professional experience includes National Surf Lifeguarding Championships of the United States Life Saving Association.

Kim has made numerous presentations on Aquatic Safety Issues as well as conducting classes on CPR and AED.

### Racquet Sports

**Bob Haugen** - Editing a textbook for Tennis and presenting to the Texas Tennis Coaches Conference on "Warning: Tennis Coaches at Risk of Skin Cancers"; Bob continues to provide quality instruction in this area.



### Dual Activities

**Master San Yoon** - Internationally recognized Master Yoon continues to make numerous professional presentations and serving as an adviser on technical areas in Taekwondo. Master Yoon also directed varied championship caliber events and conducted rank (belt) promotional tests for students. In addition Master Yoon published 2nd edition of "Taekwondo", May 2008, USMAI, Inc.

**Pete Tyson** - Identified as one of the nation's premier experts on Handball, Pete is involved locally, state and nationally on conducting clinics, presentations and hosting varied championship caliber events. Serving as National Handball Rules Commissioners and Chairperson of National Referee's



Committee, Pete's expertise is recognized by many national governing bodies as he conducts numerous certification clinics for teachers and referees.

### Conditioning

**Kim Beckwith** - Kim has continued her professional development by presentations at AAHPERD national conference, and The North American Society for Sport History national conference. Kim also published (Kendall-Hunt Publishing) "Weight Training" which is a compilation of various book chapters, sections, articles for beginning weightlifters.



### Special Recognition and Acknowledgment

The Department of Kinesiology and Health Education are going to miss two very distinguished faculty members who have contributed to the foundation and overall development of the department. Their contributions extend far beyond teaching excellence. Rosie Slacks (46 years) and Charlie Craven (43 years) exemplified the term "educators". Their concern for the students was for their complete development as individuals and their ultimate contribution to society. Words are never sufficient to measure their total worth to the department; only those students who were fortunate enough to have attended their classes truly understand and appreciate their "learning experience". They will be missed...

## Sport Management

### Laurence Chalip, Coordinator

For the past seven years, the sport management group has worked from a model emphasizing continuous improvement. Each year, the group assesses where it has been, where it wants to go, and what it needs to do to achieve its objectives. One of those objectives is to stand out as the world's leading sport management program. Pursuit of that goal has led to significant awards and recognition for sport management faculty and students. Further, the program's faculty continue to be invited to consult and to take leadership roles. Sport management faculty also served on committees throughout the Department, the College, and the University.

### Leadership

Scholarly leadership has been recognized through an array of grants. The team of Chris Green, Marlene Dixon, and Carla Costa completed an evaluation of the Youth InterACTIVE program – a unique after school program for children. Carla Costa completed her project examining the uses of sport for rural development. Jan Todd continued her collaboration with Roger Farrar (from the Exercise Physiology group) to deliver training to future women firefighters. Laurence Chalip completed his five year action research project with Nell Gottlieb and Robin Atwood (from the Health Education group) examining community-based interventions to combat obesity. In addition, Jan and Terry Todd raised \$1.3 million in donations to support development of the Stark Center.

This grant activity was complemented by extensive publishing: 16 articles (two of which included sport management doctoral students as authors) and 3 book chapters (one of which included a sport management graduate student as



Sport Management faculty and students at the North American Society for Sport Management 2008 Conference held in Toronto, Ontario.

first author). Faculty also gave 22 national or international conference presentations (five of which included sport management graduate students among the presenters). Three of these faculty presentations were invited keynote addresses, and one was an honor address. Further, Sport Management students also gave three research presentations (independent of faculty) at international conferences, and the group's Sport Development Lab was provided an entire symposium at the Conference of the North American Society for Sport Management (the first time any such honor has been given to a single lab).

The ongoing intellectual leadership that sport management faculty provide internationally is also reflected in the large volume of editorial board service they provide. Sport management faculty provided service on the following editorial boards: *Contemporary Athletics*; *European Sport Management Quarterly*; *International Journal of Culture, Tourism, & Hospitality Research*; *International Journal of Sport Management*; *International Journal of Sport Policy*; *International Journal of Sports Marketing & Sponsorship*; *Journal of Issues in Intercollegiate Athletics*; *Journal of Legal Aspects of Sport*; *Journal of Sport Management*; *Sociology of Sport Journal*; *Tourism Review International*.

In addition faculty from the program had editorial responsibilities for high profile journals in the field: *Sport Management Review* (Chris Green, editor); *Iron Game* (Jan Todd, editor); *Journal of Sport & Tourism* (Laurence Chalip & Chris Green, associate editors).

Not surprisingly, this leadership has also generated formal recognition. Marlene Dixon was named a Research Fellow of the North American Society for Sport Management. She is only the third assistant professor in the organization's history to be so honored. Jan Todd was invited to give the Seward Staley Honor Address to the North American Society for Sport History. Chris Green won a service award from the Sport Management Association of Australia and New Zealand.

### Teaching

The high quality of leadership is complemented by a high standard of teaching. Consequently, students from the sport management program consistently obtain internships and jobs in high profile organizations. In fact, the industry demand for University of Texas Sport Management students continues to exceed the numbers graduating. Graduates obtained positions with sport organizations as diverse as the NBA, the PGA tour, the Association of Volleyball Professionals, the Seattle Seahawks, the Houston Texans, the Boston Red Sox, the



University of California at Berkeley, and the Beijing Organizing Committee for the Olympic Games.

Sport management graduate students are also being recognized for the excellence of their research. In August, the NCAA announced that Stacy Warner (a doctoral student in sport management at the University of Texas) was to be awarded a NCAA research grant of \$5,000. Her project is entitled, "Enhancing the Student-Athlete Experience: Understanding Sense of Community from a Student-Athlete Perspective."



**Sport Management students working at the NCAA 2008 Final Four.**

The 2007-2008 academic year also saw five new graduates from the doctoral program. The doctoral program began in 2002, so these were among the first graduates from the program. All five obtained faculty positions at leading universities. The graduates, their dissertation titles, and the universities by which they have been hired are:

- Jarrod Schenewark, "Work-Family Conflict and Enrichment: A Study of College Coaches" (now at Marshall University)
- Emily Sparvero, "Leveraging Professional Sport Teams: Reconciling Host Communities' Expectations and Realities" (now at Texas A&M University).

- Sylvia Trendafilova, "Addressing the Environmental Challenges of Outdoor Recreational Sport: The Illustrative Case of Disc Golf" (now at the University of Tennessee).
- Xiaoyan Xing, "Sport Fanship Meaning and Structure across Two National Cultures: Toward a Sport Consumption Culture Theory" (now at Laurentian University).
- Vassilios Ziakas, "An Event Portfolio in Rural Development: An Ethnographic Investigation of a Community's Use of Sport and Cultural Events" (now at the European University).

### **New Faculty**

Before the year began, long-time sport management faculty member Maureen Fitzgerald chose to take a year's leave. Jules Woolf (a recent Ph.D. graduate from the program) agreed to remain at Texas for a year to cover her teaching and continue his research. This was particularly advantageous as Dr. Woolf was able to continue his consulting with local sport organizations, including the UIL, Pure Austin, the Austin Wranglers, and the Austin Toros. This led to extensive research and consulting opportunities for undergraduate sport management students.

With the new undergraduate curriculum coming into place, it was also necessary to find additional part-time teaching help. Brianna Smith, who had served as the Director of Research for Youth InterACTIVE, and who spent the 2007-2008 year as a post-doctoral fellow was hired to teach the new undergraduate survey course in sport management (to begin in the 2008-2009 year).

Carla Costa accepted a faculty position at the University of Illinois. After an extensive search, Dr. Bob Heere was hired as a new assistant professor in the program. At the time, Dr. Heere was serving as a visiting faculty member at Florida State University, where he

had previously earned his Ph.D., and where he played a leadership role in their international program. Dr. Heere has also taught at the Auckland Institute of Technology (New Zealand) and Cruyff International (the Netherlands). Dr. Heere's work, which has been published in leading sport management journals, examines relationships between sport and community. He is also the Associate Global Sports Editor for the Dutch journal *Sport & Strategie*.

The initiation of the Department's new undergraduate major in Physical Culture and Sport, which dovetails with the Sport Management major, required that a lecturer be obtained for the upcoming year. Thomas Hunt, who completed his J.D. at Baylor University and his Ph.D. at the University of Texas was hired to begin work during the coming 2008-2009 academic year. Dr. Hunt has a book contract with UT Press for his dissertation on the history of drugs in sport, and has another contract with Human Kinetics Publishers for a book he is completing (with Laurence Chalip) on the Amateur Sports Act. He is the Journal Surveys Editor for the Journal of Sport History. During the 2007-2008 academic year, he held the University of Texas History Department's Dickson, Allen, Anderson Fellowship in United States History.

### **Planning**

As part of the ongoing effort to excel, the sport management faculty met each month to review the program's progress, and to plan strategy. Manuals and procedures were reviewed and revised; new curricula were planned; procedures to further enhance the program's research culture were devised. The sport management faculty are not content to rest on the achievements that have distinguished their program; the faculty seek to make it better each year.

## The Fitness Institute of Texas

### Phil Stanforth, Director

The Department of Kinesiology and Health Education continues to keep The Fitness Institute of Texas a key player in the departmental strategic plan to increase centrality to the University and Austin. 2007-2008 was a significant and exciting year for FIT as we developed new programs and continued to serve, educate, test, and conduct research.

### New Programs



After months of planning, FIT implemented Get FIT in the summer of 2008. Get FIT was specifically designed for individuals who do not exercise, who are not likely to join a fitness facility, and who need to lose weight. This pilot 12-week exercise and weight loss program consisted of instructor led, aerobic, resistance, and flexibility classes four days a week in Bellmont Hall. Short educational pieces were included in the exercise sessions. Individual consultations and DEXA body composition analysis were also provided at the beginning and end of the program. An article in the Daily Texan and targeted marketing to the College of Education, the McCombs School of Business and the Athletic Department yielded 22 faculty, staff, and family participants. Based on the success of this pilot program, a revised, improved and expanded Get FIT will be offered in the fall. In addition to benefiting the participants, Get FIT provides important training and experience for the graduate students who work in FIT. Because FIT has extremely limited access to exercise facilities, future Get FIT programs will be mobile and travel to departments across campus and businesses throughout Austin.

FIT partnered with The McCombs Graduate School of Business to host a "Wellness Symposium" for incoming students. Last year FIT created a "Lunch and Learn" series for Dell Inc which served as a model for the half day Wellness Symposium that FIT hosted for McCombs. This new program, similar to Get FIT, enables the Department of Kinesiology to provide educational and practical experience for graduate students while simultaneously develop connections with other colleges and the Austin community.

### University & Community Service

In addition to Get FIT and the Wellness Symposium, FIT served the University in a number of ways. Through the efforts of Tina Bonci, Co-Director, Sports Medicine/Athletic Training, FIT provides DEXA body composition and other assessments for the women's athletic teams. In 2007-2008 FIT conducted 445 assessments, a 75% increase over the previous year, on athletes from 8 women's and 3 men's teams. FIT presented an In-Service Training on understanding BMI and



DEXA measures body fat percentage, fat mass and body mass for the arms, legs, trunk and total body.

body composition for the Nurses at University Health Services and conducted fitness assessments as part of Explore UT, two health fairs sponsored by University Health Services, and a health fair conducted by the UT System for System employees.



FIT at Explore UT

For the second consecutive year, FIT assisted the Texas University Interscholastic League in its administration of the Minimum Weight Program for Wrestlers. Director Stanforth continued to serve as one of the UIL's Master Trainers, certifying testers in the San Antonio and Austin areas and conducting certification testing for student athletes from the boys and girls wrestling teams at all three Pflugerville high schools. FIT provided lectures for health fairs conducted at the Texas Comptrollers Office, fitness testing at the Applied Materials Health Fair, and fitness demonstrations or activity breaks for the Diabetes Summit sponsored by the Texas Diabetes Association. FIT also donated more than 30 gift certificates to local charities in an effort to promote the importance of health and fitness.

### Education

FIT serves as an important training ground for undergraduate students majoring in Kinesiology and Health Education, particularly those concentrating in Health Promotion and Fitness. In 2007-2008, the Institute provided KIN 327L Field Work experience for 17 undergraduate students, three KIN 627 internships, and for the first time

funded an undergraduate student work employee. FIT also funded three graduate assistantships at a cost of \$48,000. In addition, FIT provided equipment and assistance in the teaching of several KHE labs and gave lectures in two classes in the School of Nursing.

### Research

FIT Graduate Assistant Matthew Stults-Kolehmainen presented original FIT generated research at the 2008 Annual Scientific Meeting of the American College of Sports Medicine with the poster presentation “Ethnic Differences in Regional Body Composition in College Aged Women.” FIT continued to support KHE research efforts by conducting DEXA body composition scans for Dr. John Ivy’s Genuine Health Supplements study, Drs. Jan Todd and Roger Farrar’s Austin Firepower project and Matthew Stults-Kolehmainen’s Psycho-social Aspects of Adaptation to Resistance Training study, and by providing assistance for Drs. John Bartholmew and Esbelle Jowers



DEXA body composition scan.

in collecting height and weight measures for their NIH funded ICan study conducted in the Round Rock Independent School District. FIT supported the research efforts of Drs. Jean Freeland-Graves and Bugao Xu from the College of Natural Sciences by providing DEXA and underwater water weighing body composition analyses for their NIH funded Validation and Evaluation of a Portable Body Scanner for Determination of Obesity.



Treadmill tests used to assess aerobic fitness.

FIT also provided consulting and staff training for a study conducted by PPD Pharmaco. FIT’s research support services generated \$20,000 in proceeds, a 233% increase over the previous year.

### Fitness Testing

The primary activity of FIT continues to be fitness testing. In 2007-2008, FIT performed nearly 2,500 fitness tests, a 20% increase over the previous year. The assessments were conducted on students, student-athletes, faculty, staff, public, and research participants.



Leg press tests used to measure lower body strength.

The greatest year-to-year increases came from athletics and research-related assessments, with 76% and 98% increases respectively.

### Number of Tests Conducted by FIT

Athletics	445
Public	476
Research	479
PED Students	1057
<b>TOTAL TESTS</b>	<b>2457</b>

### Revenue Generation

FIT needs to generate sufficient revenue to employ graduate students and staff, to train students, to purchase equipment, and to grow and improve. Primary sources of funding include fees for testing PED students, research participants, UT athletes, and the general public. Excluding physical education students, FIT achieved a 75% increase in revenue. This increase represents a 218% increase from 2005 to 2008!

Programs	\$5,400
Athletics	\$13,400
Research	\$20,400
Public Testing	\$30,200
PED Students	\$85,200
<b>TOTAL REVENUE</b>	<b>\$155,500</b>

The Fitness Institute of Texas is excited to report such positive fiscal, research and program growth. Thank you to all those who have supported FIT. Please visit our website for more detailed information and links to our community outreach programs - [www.edb.utexas.edu/fit](http://www.edb.utexas.edu/fit)

# UT Autism Project (UTAP)

## Jody Jensen and Pam Buchanan, Program Directors

From workshops to teachers 10 years ago to an emerging community service and research program, The University of Texas Autism Project (UTAP) is now an approved departmental initiative in Kinesiology and Health Education. The purpose of UTAP is to provide a center of excellence for cutting edge research in the basic sciences, translational research to develop best practices related to living, and working, with individuals with autism spectrum disorders (ASD), and provide community outreach programs to help implement best practices at both the family and institutional levels. UTAP brings together the resources of the College of Education, Liberal Arts, Pharmacy and Social Work, along with the Institute for Neuroscience, multiple scientists and practitioners, and the medical community in Central Texas. Currently, Dr. Jody L. Jensen, and Pamela Buchanan are working to bring the program to the next level of development—a nationally known



center for research and education to the field of autism.

UTAP will be a key partner in a consortium of medical and educational ventures focusing on research, training, and practice related to individuals, families, and educators living and working with those affected by autism spectrum disorders. The strength of the model lies in the intersection of excellence in science, education, training, and service. The research agenda includes both

a neuroscience (mechanism) research arm, and a translational (training and intervention) research arm. The Institute for Neuroscience is partnering with UTAP to help establish strength in the basic science research agenda. Collaborators are partnering with UTAP to combine expertise in behavioral and translational research. Medical partners with UTAP include physicians at Dell Children's Medical Center, HealthSouth Rehabilitation Hospital of Austin, University of Texas Medical Branch, and medical professionals affiliated with Scott & White. The mission of UTAP is four-fold:

- It is the mission of UTAP to generate new knowledge regarding ASD at both biological and behavioral levels through an externally funded research program.
- It is the mission of UTAP to define best practices by conducting research both at the bench and in the schools.
- It is the mission of UTAP to impact the community and policy through a translational research agenda utilizing teaching and professional development for University students and community practitioners.
- It is the mission of UTAP to provide service to individuals and families affected by ASD through the offering of educational, recreational, and informational programs to the community.



Grins from kids and staff attending UTAP's inaugural Summer Camp. Thanks to Louis Bratton and the West Austin Youth Association for underwriting the camp and providing space for the four weeks of the camp.



**It's not so different—camp for UTAP kids is just like regular camp—making friends, playing together.**

Once considered a low-incidence disability, the Centers for Disease Control and Prevention (CDC) now reports that by current standards, autism spectrum disorders (ASDs) are the second most common serious developmental disability, mental retardation/intellectual impairment being the most common. Ten years ago, the incidence of autism or other pervasive developmental disorders (PDD) ranged from 2-5 per 10,000 individuals. In 2005 the General Accounting Office reported that the number of children with autism being served under IDEA (Individuals with Disabilities Education Act) had increased 500% in the preceding decade. Current CDC estimates of the prevalence of ASDs now report 1 in every 150 8-year-old children is on the spectrum (CDC sponsored Autism and Developmental Disabilities Monitoring (ADDM) Network statistics in 16 states from 2000 - 2006). In Texas, current belief is that approximately 132,000 citizens are affected with some form of autism or other pervasive developmental disorder.

The University of Texas is poised to be a nationally known locus of research and education in the diagnosis and treatment of autism. The educational impact and economic cost to society presented by ASDs demand attention from the scientific and educational communities. Using the often-quoted

figure of 1:166 citizens affected by autism, the economic cost for treatment and care is estimated to grow from \$90 billion in 2000 to \$200-\$400 billion within a next decade (Texas Council on Autism & Pervasive Developmental Disorders, Oct, 2007).

The need for focused attention on autism by the scientific and educational community is intuitive and compelling. The development of new knowledge and translational research in these areas is needed not only because of the pervasiveness of the problem, but because the citizens of Texas have limited access to either state-of-the-art knowledge or comprehensive educational programs.



**Figure 1.**

Figure 1 shows the locations of National Institutes of Health Autism Centers of Excellence (ACE) and Centers for Disease Control and Prevention supported Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE). UTAP is intended to be the precursor to the receipt of federal funding for an NIH Autism Center of Excellence.

At issue is more than just geography. The relevant numbers for our own community are the following: Recent conversations with autism specialists in local school districts have revealed the following numbers. Austin Independent School District has identified 600 children on the

ASD spectrum; there are 500 children identified as being on the spectrum in Round Rock, and Pflugerville ISD has identified 150 children. These numbers are in constant change – constantly increasing.

Families in central Texas are without sufficient resources and are traveling out of the region to seek information, treatments, therapies and other services. The University of Texas Autism Project will be the central site for cutting edge research, education and family services. UTAP will provide a site for collaborative research between faculty and the medical community with a strong emphasis in education, psychology and neuroscience. It will provide programs for families that will assist with the therapeutic, educational, recreational, and vocational needs of their children, all the while supporting the research agenda of UTAP. UTAP will work with community partners to provide pre-service, in-service, distance learning, and in-home services. Such services will contribute to the knowledge and skills of undergraduate and graduate interns, allied health practitioners, educators, and physicians.

## The Model

The research agenda for UTAP is built upon a sustained partnership between the client and the researcher. In contrast to models where an individual or family enters a clinic or research program, receives information through evaluation or study participation and then exits the



**Figure 2: Conceptual Model of UTAP: The model represents an ongoing collaboration between the family and educational and scientific efforts. The model implies a rapid research-to-practice timeline.**

program, the UTAP model sustains the relationship by entering the family into a research path, and stays connected to UTAP through the translational research arms of the program (comprehensive evaluation and referral to clinical services, home services, school-based interventions through teacher training).



**UTAP Workshop at Anna Hiss Gym**

UTAP will implement evidence-based intervention strategies in its programs. There is a multitude of behavior-based interventions used in the treatment of ASD – but there is limited evidence to support the usefulness of any of them. UTAP will be home to the design of scientifically rigorous analysis of intervention effectiveness and will advance our knowledge and educational strategies for children on the spectrum by providing conclusive support or conclusive refutation of intervention methods. Through UTAP research findings will be disseminated through continuing education to provide parents, practitioners and educators with the latest research findings. Our goal is to speed the bench-to-practice timeline for new research findings.

One of the most challenging aspects of diagnosing someone as being on the spectrum is that the diagnosis is based on behavioral observations. Until biomarkers are identified, skill in identification, diagnosis, and treatment of individuals with autism will depend upon educators and clinicians having increased exposure to the condition. For those preparing for careers in education and allied health sciences, this opportunity to work with children on the spectrum will be provided by the UTAP service and community-based programs. Such programs already include the UTAP Clinic where we are developing the process for graduate interns to receive credit for clinic hours for their participation under the supervision of a licensed

clinician. For example, social work students may work as case managers for UTAP Clinic families in monitoring follow-up treatment plans and identifying community services – again, under the supervision of a licensed social worker. Interning with, and supervision by, UTAP partners in child and adolescent psychiatry, neuropsychology and counseling will build expertise in the next generation of teachers, allied

health professionals, and physicians. School personnel will have the opportunity to receive recommendations for behavioral or curricular interventions through distance learning.

## Summary

The University of Texas Autism Project is a service program of the University that has achieved community-wide acclaim for its quality of programs and attention to the children and families who live with the impact of autism spectrum disorders. In parallel with the growth of a service delivery program, UTAP has also been developing connections to the medical community to link medical practice with intervention assets. Finally, UTAP has coordinated a broad base of scientific expertise whose scientists share interests in developing exceptional research programs for basic and translational science in the area of autism spectrum disorders. 2008-2009 will see the initiation of a major fundraising effort to support the research and programmatic vision of UTAP.



**UTAP kids got the chance to get expressive with paint and canvas in UTAP's Spring Art Classes.**

## Kinesiology Club

The Kinesiology Club has enjoyed its 10th year on campus and its 5th year as an official University sponsored campus organization during the 2007 - 2008 school year. The Kinesiology Club is a service and social organization that promotes professional development in all aspects of Kinesiology for its members through various interactions between students, faculty, and professionals in the community. Membership in the Kinesiology Club is open to UT students majoring in Kinesiology and Health Education,



**Stephanie Kolaczowski**  
07-08 KIN Club President

The Kinesiology Club officers and Faculty/Staff Sponsor for 2007 – 2008 were:

President – Stephanie Kolaczowski  
 Vice - President – Camilia Jones  
 Secretary – Jason Petlueng  
 Treasurer – Sean Hill  
 Volunteer Coordinators – Lauren Post and Sarah Franey  
 IM Chair – Jeff Davis, Michael Garcia  
 Historian – Monica Grasch  
 Faculty/Staff Sponsor – Richard Hogeda

The Kinesiology Club participated in various volunteer, community service, and professional activities, as well as hosting on- and off-campus events throughout the year. This year, club members volunteered at Parent's Weekend, Explore UT, and RunTex's Marathon Kids for Austin area elementary school children. Kin Club runs their own community service project in the late fall called Blessings in a Box which delivers shoe boxes with small gifts inside to less fortunate children in Austin area schools. They

as well as any students that have an interest in kinesiology - related areas. Membership is also open to all Kinesiology faculty and staff.



**KIN Club Members Lauren Holt, Sarah Franey, Cami Jones, Kim Tymrak, and Allie Bartys serving cake at the Alderson Lecture**

also hosted a Bake Sale during the week of Valentines Day.

One of the major events that the Kinesiology Club host is the annual Alderson Lecture held every spring. The club members help with the organization of food, drinks, and decorations for the event. On the night of the Alderson Lecture, Kinesiology Club President, Stephanie Kolaczowski served as Mistress of Ceremonies, while other club members greeted guests and served food to the attendees.

Finally, the Kinesiology Club enjoyed social activities that included playing intramural sports, hosting student-faculty luncheons, a faculty

appreciation dinner, Monday night football social, and our "Sport Challenge", a competition made up of 7 different sporting activities versus Texas A+M's Kinesiology Teachers Organization. The Kinesiology Club's co-ed intramural teams participated in flag football, volleyball, basketball, and softball, and came away with an Intramural Championship title in Co-ed Basketball! The luncheons gave the members an opportunity to interact with many of their professors and other Kinesiology staff in an informal setting outside of the classroom.

During the 2007 – 2008 school year, the Kinesiology Club continued to grow and looks forward to its continued involvement in our department!



**Intramural Co-Ed Basketball Champs – Spring '08. Top Row: Lauren Kesterson, Beth Tousek, Michele Knoles, Allison Martinez, Kelsey Davis. Bottom: Jonathan Cervantes, Michael Taylor, Sean Hill, Danny Bartell, Jeff Davis, Brandon Howard, Kendrick Watkins (not pictured: Brittany Babida)**

# The 2007-2008 Annual Report of the H.J. Stark Center for Physical Culture and Sports

## Terry Todd, Director

Department of Kinesiology faculty members Jan and Terry Todd began collecting materials in the fields of physical culture and sports well before their arrival at The University of Texas in 1983. Since arriving at UT, however, the collection (known as the Todd-McLean Physical Culture Collection) has grown to become recognized as the most significant collection in the world within this field. A shared desire to see this major research asset housed in more suitable quarters and to utilize the resources of the collection for museum exhibits about the history and benefits of exercise and sports has resulted in a Development effort by the Todds that generated a series of substantial gifts, all of which have moved the project forward. Those gifts include:

- 1) An endowment in 1984 from the late Roy and Nell McLean of approximately \$150,000, which resulted in the establishment of the Roy J. McLean Fellowship in Sports History—now containing approximately \$700,000.
- 2) An endowment of \$1,000,000 in 2004 from the Joe Weider Foundation.
- 3) A gift in 2006 of \$3,500,000 from the Nelda C. and H.J. Lutcher Stark Foundation which made it possible for the department of Kinesiology and Health Education to be given 27,500 square feet of space in which to house what has been named the H.J. Lutcher Stark Center for Physical Culture and Sports.
- 4) Gifts of books, magazines, photographs, correspondence, training courses, art, and a variety of artifacts from many dozens of private collectors who wanted to add their materials to—and thus enrich—the Todd-McLean Collection.



The Stark Center will be located in the New North End Zone

In response to the \$3,500,000 gift from the Stark Foundation, an architectural plan was produced which will contain the following internal divisions:

***The Joe and Betty Weider Museum of Physical Culture***—housing permanent and rotating exhibits related to the history of physical fitness, weight training, Aerobics, and health promotion; ***The Sports Gallery***—featuring the Ben Crenshaw and Scotty Sayers golf collections and including permanent and rotating exhibits related to the role of sports in society; ***The Reading Room***—a large, comfortable room where students, faculty, and visitors can browse through—as well as sit and read—current books and magazines in the areas of physical culture and sports; ***The Center Archives***—containing the Todd-McLean Physical Culture Collection as well as books and materials related to general sports, including the Edmund Hoffman Golf Collection and an excellent

collection of books and magazines about field sports; ***The Lobby Gallery***—housing permanent and rotating exhibits of art, photography, and artifacts in the areas of sports and physical culture; and other spaces, including a large conference/seminar room, a 40-seat theater, staff offices, a controlled research area in which rare books and photographs can be examined by scholars, a cataloging and processing room, and additional storage areas for books, magazines, posters, and various other artifacts.

## Construction Update

During 2007-2008 the architects and interior designers assigned to the Stark Center Project completed the architectural plans for the new facility and received approval from the Texas State Coordinating Board and UT System to move forward with construction on the project in the fall of 2008. The museum design firm known as the



Douglas Group of Houston, Texas, has also been working with the Todds on the design of a masterplan for the galleries and Weider Museum of Physical Culture.

## Major Developments in 2007-2008

**A Second Million Dollars from the Weider Foundation:** Fitness icons Joe and Betty Weider recently made a second million dollar gift to help preserve and study the history of physical culture. The most recent million dollar gift, made in July 2008, will be used to create exhibits and museum displays inside the H.J. Lutcher Stark Center for Physical Culture and Sports. In addition to the million dollar gift, the Weiders have also pledged a number of significant artifacts from their personal collection. To acknowledge Joe and Betty Weider for their ongoing generosity and to honor them for their many personal achievements in the field of physical culture, the galleries related to the history of exercise and fitness will be known as the **Joe and Betty Weider Museum of Physical Culture**.

The naming of the physical culture museum in honor of the Weiders is more than fitting. Joe Weider is, without question, one the most important



Joe and Betty Weider with President William Powers

figures in the history of weight training and physical fitness. Born in Montreal, Canada, Weider began publishing a small magazine in 1940 called *Your Physique*. In the beginning, *Your Physique* emphasized competitive weightlifting as well as the use of progressive resistance to build the body. As the magazine grew, it inspired thousands of men to begin weight training and helped launch the sport of bodybuilding. In the late 1940s, with his brother Ben, Joe Weider founded the International Federation of Bodybuilders to sanction contests and oversee the emerging sport. Over the next five decades, Mr. Weider added equipment and food supplement divisions to his corporate holdings and greatly expanded his publishing efforts. His fleet of magazines has included: *Mr. America, Muscle Power, Muscle & Fitness, Muscle Builder, Shape, Men's Fitness, Living Fit, Prime, Health and Fitness, Fit Pregnancy, Cooks, Senior Golfer, and Flex*. In 1983, Joe Weider was named "Publisher of the Year" by The Periodical and Book Association. Weider is also the author of over 40 books and training courses that have been influential in creating a systematic approach to bodybuilding known as The Weider Principles. In the 1960s, Weider elevated the sport of bodybuilding to new heights with his creation of the professional Mr. Olympia contest and his decision to help bring Arnold Schwarzenegger to America. Schwarzenegger, now the Governor of California, paid homage to Joe Weider's efforts in promoting physical fitness by designating July 9, 2007, as Joe Weider Day in the State of California.

Betty Weider, born in Pasadena, California, began modeling as a teenager and became one of the most sought-after models of the 1950s. Mrs. Weider appeared in hundreds of print and billboard ads, and was featured on more than 300 magazine covers. A "supermodel" of her day, Mrs. Weider, who began weight training as a teenager,

attributes her modeling success to her life-long interest in nutrition and exercise. Through her modeling work, she came to Joe Weider's attention and was hired to model for his magazines and to assist with their publication. They married in 1961, and for the next several decades Betty was the female symbol of Weider Health and Fitness, appearing often in advertising and on the covers of the Weider magazines. Realizing that her photographs in the Weider magazines had made her into a role model for young women, she began writing about exercise and nutrition in the Weider magazines and began pushing her husband to create an exercise magazine just for women. Accordingly, *Shape* magazine was launched in 1982 and it quickly became one of the Weiders' most financially successful and influential publications. In that magazine Betty wrote a regular column on health and fitness called "Body by Betty." She has also authored a number of fitness books including: *Better and Better: Six Weeks to a Great Shape at Any Age* (1993, with Joyce Verdal); *The Weider Book of Bodybuilding* (1981), and *The Weider Book of Bodybuilding for Women* (1981, with Joe Weider).

Shortly after making the initial gift of \$1,000,000 in 2004, Joe Weider told Stark Center Director Terry Todd that he would donate a second million if the University ever agreed to provide space to build a permanent home for the Todd-McLean Physical Culture Collection. Following the 3.5 million dollar gift from the Nelda C. and H.J. Lutcher Stark Foundation, and the University's decision to allocate 27,500 square feet of space in the North End Zone to create the Stark Center, Weider reaffirmed his pledge and stated that he also intended to make its museum areas the repository for many of the paintings, sculpture, and other artifacts he has collected during his long career. These discussions resulted in a formal pledge from the Joe Weider Foundation for the second million dollar

gift and the formal pledging of at least 25 rare artifacts and a number of books and photographs.

As Director Terry Todd put it, "To say we are grateful for these gifts is an understatement. For one thing, the additional funds will help with a great many things which will benefit our work, such as staffing, museum displays, theater construction, photo galleries, and interactive museum sites. The artifacts and related items, however, are gifts from the heart. For Joe and Betty to share these unique paintings and sculptures speaks more eloquently than money can of Joe's personal commitment to physical culture and of his and Betty's understanding that in order to plan wisely for the future fitness of our nation



This exhibit will explore the influence of bodybuilding on comics, movies, and other forms of popular culture.

we need to contemplate the past. These artifacts have been personally selected and acquired by Joe and Betty over many years and displayed in the Weider Building in Woodland Hills, which Betty designed and which Joe has used for decades as the center of his publishing and business empires. We lack the words to adequately thank them for what they have done."

Among the artifacts to be donated are: original bronzes of strongmen Eugen Sandow, Louis Cyr, and Arthur Saxon; a painting of Joe Weider by Boris Vallejo; a Renaissance-era bronze sculpture of two wrestlers; a large bronze of a circus strongman; a bronze bust of a mature Eugen Sandow; a life-size bronze bust of Vic Tanny by noted sculptor Robert Berks; seven larger-than-life-size paintings

by Tom Beecham of the early Mr. Olympia champions; and the imposing, 1889 oil painting by Aubrey Hunt of Eugen Sandow as a gladiator.

The museum named in honor of Joe and Betty Weider will contain exhibits related to a variety of fitness, health, and strength-training topics. Although the final plans for exhibits are still being developed, it is expected to contain displays related to: the Evolution of Gyms and Fitness Equipment; Ergogenic Drugs in Sports, the Myth of Musclebinding and the Rise of Strength Coaching; Anti-Aging; Fitness on TV; Muscles in the Movies; Professional Strongmen and Strongwomen, the Rising Danger of Obesity, the History of Bodybuilding, Women and Exercise, and Cardiovascular/Aerobic Fitness.

**Terry and Jan Todd Provide \$100,000 to Establish the Stark Center Book Series:** Stark Center co-directors Terry and Jan Todd also pledged \$100,000 during 2007-2008 to create the Todd Physical Culture and Sports Book Series in conjunction with University of Texas Press. The aim of the endowment is to promote research and scholarship in areas related to the holdings of the Stark Center through the publication of both academic and popular books in the fields of physical culture and sports. Several manuscripts are under consideration for inclusion in the new series, and one manuscript has already been accepted for publication. The endowment will support the publication, in



The lobby will feature the golf cart used by Ben Crenshaw as Ryder Cup Team Captain. The exhibit on the right tells the story of Lutchter Stark and his UT legacy.

perpetuity, of as many as three books a year bearing the Todd Series/Stark Center imprint.

**The Hoffman Family Foundation Gift:** In 2006, Adelyn Hoffman and her son, Dr. Richard Hoffman, gave the Stark Center an 1800-volume collection of golf books that had been assembled by the late Edmund Hoffman, Mrs. Hoffman's husband and Dr. Hoffman's father. Both Edmund and Adelyn Hoffman graduated from UT, and in 2008 the Hoffman Family Foundation provided approximately \$110,000 to the Stark Center. This gift will allow the Stark Center to hire for a period of three years an archivist whose primary responsibility will be to oversee the Edmund Hoffman Golf Collection and other books and artifacts related to that collection.

**The National Strength and Conditioning Association Grant:** In 2008 the NSCA, the largest professional organization in the field of conditioning athletes, gave the Stark Center a \$51,000 grant and the promise of artifacts and materials for a



This exhibit will examine the history of strength and conditioning for athletes in general, and UT sports in particular.

display in Stark Center Galleries on the subject of strength training for athletes. The funds are already being used to support Graduate Research Assistants who will help to conduct research, including videotaped interviews with significant figures in the history of the field. Their research will result in a website detailing the history of strength coaching and a museum exhibit on the same subject.

### **Academic Work Related to the H.J. Lutcher Stark Center**

In terms of the academic work related to the Stark Center, one of the Department's Ph.D. students, Nick Bourne, who did his work under Jan Todd with Terry Todd sitting on his doctoral committee, defended his dissertation on the history of training for track and field, and Baker Harrell, our other PhD student, passed his comps in the spring and is now using the Todd-McLean Collection for his dissertation research. Jan Todd has also been assisting a Master's student in women and gender studies with her thesis on women and sport, and is serving on two American Studies dissertation committees.

As for Jan Todd's research, she received another grant from the Austin Fire Department to run Project Firepower, a program she and Roger Farrar started several years ago to train women for the rigorous physical tests required to be a member of the Austin Fire Department. She is also collaborating with a colleague on a sport psychology training study using some of the weight training classes. She was invited to give the keynote address at the North American Society for Sport History this year and also presented at a major conference on women and gender studies in Italy. Her former and/or current Ph.D. students, Kim Beckwith, Tommy Hunt, Nick Bourne, and Baker Harrell made a number of academic presentations and also published articles based on their research at The Stark Center.

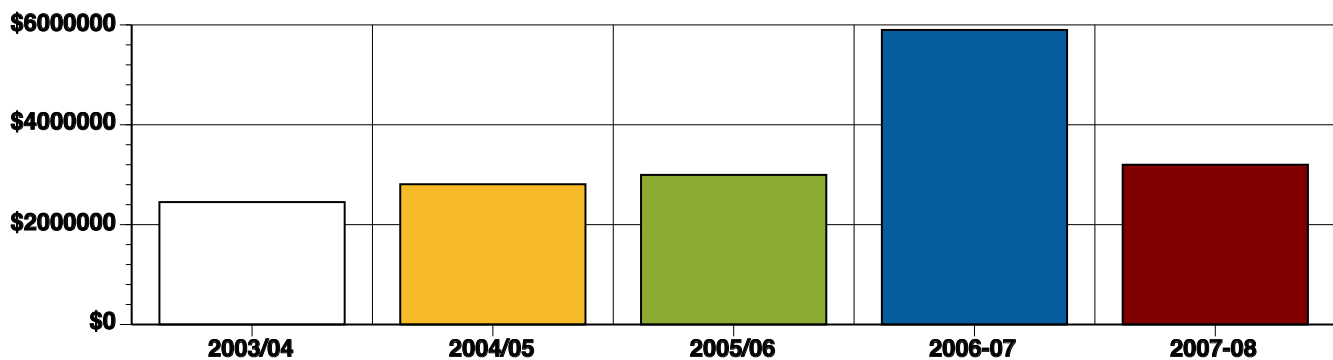
During 2007 and 2008, Terry and Jan Todd completed the first draft of a 700 page book, written with Joe Weider, about Weider's personal involvement in the development of weight training and bodybuilding in the U.S. and abroad. It is expected that the book will become one of the titles published by U.T. Press. Terry Todd also neared the editing and fact-checking on a massive, two-volume book by Bill Pearl, which will contain approximately 1000 pages and 1000 photographs. To be called *Legends of the Iron Game*, the book tells the story of approximately 140 iconic figures in the "strength sports" over the past 200 years. The research for both of those books was done almost exclusively in The Stark Center's Todd-McLean Collection. Terry also published several articles in both academic and popular journals in the field of physical culture.

As part of their personal involvement in the fields which are the heart of the Stark Center, the Todds also continued to organize and direct the Arnold Strongman Classic, the most important and best-attended Strongman competition in the world over the past eight years. Held in conjunction with, and as part of, the Arnold Sports Festival in Columbus--which features 39 sports, 17,000 athletes, and attracted 160,000 spectators in 2008--the Arnold Strongman Classic attracted the ten leading strength athletes in the world in the fields of weightlifting, powerlifting and the Strongman sport. The Todds also continued to publish *Iron Game History, The Journal of Physical Culture*, as part of the outreach effort of the Stark Center. The capstone of the year, however, occurred last March in England when Terry and Jan received the Oscar Heidenstam Lifetime Achievement Award for their contributions to the field of physical culture.

For more information on the H.J. Lutcher Stark Center for Physical Culture and Sports, please visit our new website at: [www.starkcenter.org](http://www.starkcenter.org).

## Gifts, Other Income, Research Grants and Contract Awards Received in 2007-2008

RECIPIENT	FUNDING SOURCE	AWARD
Alderson Lecture Series	Mrs. Daisy Sligar	250
Bartholomew, John	TX DSHS-Diabetes Prevention	175,729
Buchanan, Pam	UT Autism Project workshops	10,507
Coyle, Edward F.	POM Wonderful LLC	55,000
Coyle, Edward F.	Army Research Office	255,000
Dingwell, Jonathan	DHHS-Natl Institutes of Health	216,000
Edmundson, Elizabeth	Drane Associates	5,000
Farrar, Roger	PacificHealth Laboratories	6,000
Farrar, Roger	DOD-Dept of Defense	95,000
Farrar, Roger	City of Austin	27,961
Gottlieb, Nell	TX Dept of State Health Services	1,018,002
Green, Christine	Youth Interactive	20,000
Green, Christine	Inst. of Health & Sport Sciences in Japan	15,000
Ivy, John	Cullen Trust for Higher Education	50,000
Ivy, John	PacificHealth Laboratories	6,500
Ivy, John	Red Bull GMBH	40,985
Ivy, John	Human Performance Labs	51,082
Ivy, John	National Dairy Council	139,624
Loukas, Alexandra	DHHS-Natl Institutes of Health	71,091
Stanforth, Phil	Fitness Institute of Texas testing	70,921
Steinhardt, Mary	Resiliency Modules	3,197
Steinhardt, Mary	3M	49,500
Tanaka, Hirofumi	Omron Healthcare Co. Ltd.	10,290
Todd, Jan & Terry	Hoffman Family Foundation	107,326
Todd, Jan & Terry	Stark Foundation (\$3.5M pledge)	700,000
		<b>\$3,199,965</b>



## 2007-2008 Faculty and Staff

### Tenured & Tenure Track Faculty

Lawrence D. Abraham, EdD, Professor, Movement Science

John B. Bartholomew, PhD, Associate Professor, Exercise Physiology, Health Education

Laurence Chalip, PhD, Professor, Sport Management

Carla A. Costa, PhD, Assistant Professor, Sport Management

Edward F. Coyle, PhD, Professor, Exercise Physiology

Charles Craven, MEd, Associate Professor, Physical Education, Physical Education Teacher Education (PETE)

Jonathan B. Dingwell, PhD, Assistant Professor, Movement Science

Marlene Dixon, PhD, Assistant Professor, Sport Management

Elizabeth Edmundson, PhD, Associate Professor, Health Education

Roger P. Farrar, PhD, Professor, Exercise Physiology

Christine Green, PhD, Associate Professor, Sport Management

Lisa Griffin, PhD, Assistant Professor, Movement Science

Carole Holahan, PhD, Professor, Health Education

John L. Ivy, PhD, Dept Chair, Professor, Exercise Physiology

Jody Jensen, PhD, Professor, Movement Science

Alexandra Loukas, PhD, Associate Professor, Health Education

Fred Peterson, PhD, Associate Professor, Health Education

Rosemary Slacks, MEd, Assistant Professor, Physical Education

Waneen Spirduso, EdD, Professor, Movement Science

Joseph Starnes, PhD, Professor, Exercise Physiology

Mary Steinhardt, EdD, Professor, Health Education

Hirofumi Tanaka, PhD, Associate Professor, Exercise Physiology

Janice Todd, PhD, Associate Professor, Sport Management, PETE

Kenneth (Pete) Tyson, MEd, Associate Professor, Physical Education

### Non-Tenure Track (Roster) Faculty

Neilia Bliss, Specialist, Physical Education

Meredith Hodgkinson, MEd, Specialist, Physical Education

David Baron, BS, Specialist, Physical Education

Kimberly Beckwith, PhD, Lecturer, Physical Education

Barbara Brantner, MS, Specialist, PETE

Pamela Buchanan, MA, Lecturer, PETE

Loretta Clarke, PhD, Lecturer, PETE

Don Crowley, BS, Specialist, Physical Education, PETE

Janice Drost, BS, Specialist, PETE

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Amanda Gammage, MS, Specialist, Physical Education, PETE

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Peter Oliver, MA, Specialist, Physical Education

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Lori Roalson, MEd, Lecturer, Health Education

Fran Rush, MEd, Lecturer, PETE

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Dixie Stanforth, MS, Lecturer, Physical Education

Philip Stanforth, MS, Lecturer, Exercise Physiology

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Julian Woolf, PhD, Lecturer, Sport Management

San Yoon, MSS, Specialist, Physical Education

### Administrative Support Staff

Patty Coffman, Administrative Associate

Jana Cox, Administrative Associate

Serena De Leon, Administrative Associate

Zhenping Ding, Research Engr/Sci Asst

Raffaella Garcia, Administrative Associate

Dolores Groves, Administrative Assistant

Richard Head, Tech Staff Asst II

Traci Laird, Administrative Associate

Charles Lenk, Administrative Assistant

Cynthia Mills, Administrative Associate

Mary Ann Ortiz, Administrative Assistant

Charlotte Pickett, Administrative Assistant

Mina Rathbun, Executive Assistant

Leeann Rountree, Program Coordinator

Tan Thai, Graduate Program Coordinator I

### Research Support Staff

Gina Akin, Sr. Program Coordinator

Robin Atwood, Project Director

Catherine Cunningham, Soc Sci/HRA IV

Jennifer Greenberg-Seth, Soc Sci/HRA IV

Karol K. Harris, Research Fellow

Esbelle Joers, Research Associate

Jennifer Krueger, Soc Sci/HRA IV

Tara Ray, Soc Sci HRA IV

Trina L. Robertson, Field Trainer/Analyst

Gail Sneden, Project Director

## Department Committees

### **Budget Council**

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John B. Bartholomew, PhD  
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Roger P. Farrar, PhD  
Christine Green, PhD  
Carole Holahan, PhD  
John L. Ivy, PhD  
Jody Jensen, PhD  
Alexandra Loukas, PhD  
Fred Peterson, PhD  
Teresita Ramirez, MEd  
Waneen Spirduso, EdD  
Joseph Starnes, PhD  
Mary Steinhardt, EdD  
Hirofumi Tanaka, PhD  
Janice Todd, PhD  
Kenneth (Pete) Tyson, MEd

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Joseph Starnes, PhD  
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Hirofumi Tanaka, PhD  
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### **Management Team**

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Alexandra Loukas, PhD  
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Joseph Starnes, PhD  
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### **Athletic Training**

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Brian Farr, MA  
A. Hardin

### **Exercise Physiology & Psychology**

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John L. Ivy, PhD  
Philip Stanforth, MS  
Joseph Starnes, PhD  
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### **Health Education**

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Carole Holahan, PhD  
Alexandra Loukas, PhD  
Fred Peterson, PhD  
Mary Steinhardt, EdD

### **Movement Science**

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Lisa Griffin, PhD  
Jody Jensen, PhD  
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Fran Rush, MEd  
Rosemary Slacks, MEd  
Janice Todd, PhD  
Kim Tyson, MS

### **Physical Education**

Neilia Bliss, Specialist,  
Meredith Hodgkinson, MEd  
David Baron, BS  
Kimberly Beckwith, PhD  
Charles Craven, MEd  
Don Crowley, BS  
Amanda Gammage, MS  
Robert Haugen, MS  
Dorothy Lambdin, EdD  
Terri Mitchell, BA  
Randy Oehrlein, MEd  
Peter Oliver, MA  
Paul Schimelman, BS  
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Dixie Stanforth, MS  
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San Yoon, MSS

### **Sport Management**

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Christine Green, PhD  
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### **Dean's Fellow**

Jonathan B. Dingwell, PhD  
Teresita Ramirez, MEd  
Joseph Starnes, PhD  
Mary Steinhardt, EdD  
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### **Faculty Teaching Award**

Charles Craven, MEd  
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Teresita Ramirez, MEd  
Christine Green, PhD  
Lisa Griffin, PhD

### **Human Subjects**

Elizabeth Edmundson, PhD  
Christine Green, PhD  
Lisa Griffin, PhD  
Hirofumi Tanaka, PhD

### **KHE Career Advisory Council**

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Rosemary Slacks, MEd  
Dixie Stanforth, MS  
Mary Steinhardt, EdD

### **Merit Evaluation**

Mary Steinhardt, EdD

### **Service**

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Brian Farr, MA  
Carole Holahan, PhD

### **Teaching**

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Marlene Dixon, PhD  
Hirofumi Tanaka, PhD

### **Scholarship**

John B. Bartholomew, PhD  
Roger P. Farrar, PhD  
Jody Jensen, PhD

### **Post-Tenure Review**

Laurence Chalip, PhD  
Charles Craven, MEd  
Alexandra Loukas, PhD  
Waneen Spirduso, EdD

### **Student Travel Awards**

Christine Green, PhD  
Jody Jensen, PhD  
Carole Holahan, PhD  
Joseph Starnes, PhD

### **Sub-PAFAC**

Charles Craven, MEd  
Roger P. Farrar, PhD

### **Subvention Fund**

Laurence Chalip, PhD  
Edward F. Coyle, PhD  
Elizabeth Edmundson, PhD  
Fred Peterson, PhD

### **Undergraduate Advisory**

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Christine Green, PhD  
Richard Hogeda, MEd  
Teresita Ramirez, MEd  
Janice Todd, PhD  
Kenneth (Pete) Tyson, MEd

### **Undergraduate Major Advisory Committee**

#### **Athletic Training**

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Brian Farr, MA  
A. Hardin

#### **Sport Management**

Laurence Chalip, PhD  
Carla A. Costa, PhD  
Marlene Dixon, PhD  
Christine Green, PhD

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#### **Health Promotion & Fitness**

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Dorothy Lambdin, EdD  
Fred Peterson, PhD  
Rosemary Slacks, MEd

#### **Physical Activity Curriculum**

Kenneth (Pete) Tyson, MEd  
Roger P. Farrar, PhD  
Robert Haugen, MS  
Randy Oehrlein, MEd  
Kim Tyson, MS

## Faculty Publications

### John Bartholomew

Bartholomew, J. B., Stults-Kohlemerian, M. A. Elrod, C. C., Todd, J. (2008) Strength gains following resistance training: The effect of stressful, negative life events. *Journal of Strength and Conditioning Research*, 22, 1215-1221.

Bartholomew, J.B., Miller, B.M., Ciccolo, J.T. Atwood, R. & Gottlieb, N.H. (2008) Walk Texas! 5-a-day intervention for women, infant, and children (WIC) clients: A quasiexperimental study. *Journal of Community Health*, 33, 297-303.

Bartholomew, J.B. & Ciccolo, J.T. (2008). Exercise depression, and cognition. In W.W. Spirduso, L.W. Poon, & W.J. Chodzko-Zajko (Eds.), *Exercise and Its Mediating Effects on Cognition*. Human Kinetics, Champaign, IL, pp33-46.

### Laurence Chalip

Kellett, P., Hede, A-M., & Chalip, L. (2008). Social policy for sport events: Leveraging (relationships with) teams from other nations for community benefit. *European Sport Management Quarterly*, 8, 101-121.

O'Brien, D., & Chalip, L. (2007). Executive training exercise in sport event leverage. *International Journal of Culture, Tourism and Hospitality Research*, 1, 296-304.

O'Brien, D., & Chalip, L. (2008). Sport events and strategic leveraging: Pushing towards the triple bottom line. In A. Woodside & D. Martin (Eds.), *Tourism Management: Analysis, behaviour, strategy*. Oxfordshire, UK: CAB International.

Snelgrove, R., Taks, M., Chalip, L., & Green, B.C. (2008). How visitors and locals at a sport event differ in motives and identity. *Journal of Sport & Tourism*, 13, 165-180.

Sparvero, E., Chalip, L., & Green, B.C. (2008). United States: Laissez faire sport development. In B. Houlihan & M. Green (Eds.), *Comparative Elite Sport Development: Systems, structures and public policy*. Oxford, UK: Butterworth-Heinemann.

### Carla Costa

Xie, H., Costa, C., & Morais, D. B. (2008). Gender differences in rural tourists motivations and activity participation. *Journal of Hospitality and Leisure Marketing*, 16, 368-384.

Daprano, C. M., Pastore, D. L., & Costa, C. A. (2008). NIRSA members perceptions of organizational effectiveness. *Recreational Sports Journal*, 32, 16-27.

### Ed Coyle

Trinity, J, Pahnke, M, Sterkel, J, Coyle, E.F. (2008) Maximal power and performance during a swim taper. *International Journal of Sports Medicine*, 29, 500-506.

Joyner, M.J. and Coyle, E.F. (2008) Endurance exercise performance: The physiology of champions. *Journal of Physiology* (London) 586(1), 35-44.

### Jonathan Dingwell

Su, J.L. and Dingwell, J.B. (2007) Dynamic stability of passive dynamic walking on an irregular surface. *ASME Journal of Biomechanical Engineering*, 129(6), 802-810.

Kang, H.G., and Dingwell, J.B. (2008) Separating the effects of age and speed on gait variability during treadmill walking. *Gait & Posture*, 27(4), 572-577.

Dingwell, J.B., Robb, R.T., Troy, K.L., and Grabiner, M.D. (2008) Effects of an attention demanding task on dynamic stability during treadmill walking. *Journal of Neuroengineering & Rehabilitation*, 5(1), 12.

Gates, D.H. and Dingwell, J.B. (2008) Effects of muscle fatigue on variability and temporal correlations in movement timing errors. *Experimental Brain Research*, 187(4), 573-585.

### Marlene Dixon

Bruening, J., & Dixon, M. A. (2007). Work-family conflict in coaching II: Managing role conflict. *Journal of Sport Management*, 21, 471-496.

Bruening, J., & Dixon, M. (2008). Situating work-family negotiations within a life course perspective: Insights on the gendered experiences of NCAA Division I head coaching mothers. *Sex Roles*, 58, 10-23.

Bruening, J., Dixon, M., Tiell, B., Sweeney, K., Lough, N., & Osbourne, B. (2008). The role of the supervisor in the work-life culture of collegiate athletics. *International Journal of Sport Management*, 9, 250-272.

Dixon, M. (2007). Review of contemporary sport management (3rd ed.). *Journal of Sport Management*, 22, 110-113.

Dixon, M.A., Noe, R., & Pastore, D. (2008). Human resource management systems and organizational effectiveness in non-profit sport organizations. *International Journal of Sport Management*, 9, 22-45.

Dixon, M.A., Tiell, B., Sweeney, K., Lough, N., Osbourne, B., & Bruening, J. (2008). The work/life interface in intercollegiate athletics:

An examination of policies, programs, and institutional climate. *Journal for the Study of Sports and Athletes in Education*, 2, 249-272.

Light, R., & Dixon, M. (2007). Contemporary developments in sport pedagogy and their implications for sport management education. *Sport Management Review*, 10, 159-176.

### Roger Farrar

Hammers, D.W., Merritt, E.K., Matheny, W., Adamo, M.L., Walters, T.J., Estep, J.S., Farrar, R.P. (2008) Functional deficits and insulin-like growth factor-I gene expression following tourniquet-induced injury of skeletal muscle in young and old rats. *Journal of Applied Physiology*, 105, 1274-1281.

### Nell Gottlieb

Kok, G., Gottlieb, N.H., Commers, M. & Smerecnik, C. (2008). The ecological approach in health promotion programs; A decade later. *American Journal of Health Promotion*, 23, 437-442.

Byrd T.L., Hoke M.M., Gottlieb N.H.. (2007) Integrating health education into clinical settings. *Californian Journal of Health Promotion*, 5(2), 18-24.

Spaulding, C., Gottlieb, N.H., Jensen, J. (2008). Promoting physical activity in low-income preschool children. *The Journal of Physical Education, Recreation & Dance (JOPERD)* 79(5), 42-46.

### Lisa Griffin

Doucet, B. M. and Griffin, L. (2008). Maximal versus submaximal intensity stimulation with variable patterns. *Muscle and Nerve* 37, 770-777.

Griffin, L. and Anderson, N.C. (2008). Fatigue in high- versus low-force voluntary and evoked contractions. *Experimental Brain Research* 187, 387-394.

Terry, C. K. and Griffin, L. (2008). How computational technique and spike train properties affect coherence detection. *Journal of Neuroscience Methods* 168, 212-223.

### Chris Green

Green, B.C. (2008). Sport as an agent for social and personal change. In V. Girginov (Ed.), *Management of Sport Development*. Oxford, UK: Elsevier.

Hill, B., & Green, B.C. (2008). Give the bench the boot! Using manning theory to design youth-sport programs. *Journal of Sport Management*, 22, 184-204.

- Seo, W.J., & Green, B.C. (2008). Development and validation of the motivation scale for sport online consumption (MSSOC). *Journal of Sport Management*, 21, 82-109.
- Seo, W.J., Green, B.C., Ko, Y.J., Schenewark, J., & Lee, S. (2007). The effect of web cohesion, web commitment, and attitude toward the website on intentions to use NFL teams' websites. *Sport Management Review*, 10, 231-252.
- Sparvero, E., Chalip, L., & Green, B.C. (2008). United States: Laissez faire sport development. In B. Houlihan & M. Green (Eds.), *Comparative Elite Sport Development: Systems, structures and public policy*. Oxford, UK: Butterworth-Heinemann.
- Carole Holahan**
- Holahan, C. J., Moos, R. H., Moerkbak, M. L., Cronkite, R. C., Holahan, C. K., & Kenney, B. A. (2007). Spousal similarity in coping and depressive symptoms over 10 years. *Journal of Family Psychology*, 21, 551-559.
- Holahan, C. K., Holahan, C. J., Velasquez, K., & North, R. (2008). Longitudinal change in happiness during aging: The predictive role of positive expectancies. *International Journal of Aging and Human Development*, 66, 229-241.
- John Ivy**
- Ivy, J.L., Ding, Z, Hwang, H., Cialdella-Kam, L.C., and Morrison, P.J. (2007). Post exercise carbohydrate-protein supplementation: Phosphorylation of muscle protein involved in glycogen synthesis and protein translation. *Amino Acids* 32, 381-386.
- Morrison, P.J., Hara, D., Ding, Z., and Ivy, J.L. (2008). Providing nutrients after endurance exercise stimulates mRNA translation signaling pathways in rats. *Journal of Applied Physiology*, 104(4), 1029-1036.
- Bernard, J.R., Saito, M., Liao, Y.-H., Yaspelkis III, B.B., and Ivy, J.L. (2008). Exercise training increases components of the CAP/cCbl signaling cascade in muscle of obese Zucker rats. *Metabolism* 57, 858-866.
- Ivy, J.L. (2008) Nutrition before, during and after exercise for the endurance athlete. Chapter 27, In: J. Antonio, D. Kalman, J.R. Stout, M. Greenwood, D.S. Willoughby and G.G. Huff (Eds.), *Essentials of Sports Nutrition and Supplements*. (Ed.) Humana Press, Totowa, NJ, pp. 621-646.
- Dolly Lambdin**
- Graber, K.C., Locke, L.F., Lambdin, D.D., and Solomon, M. A. (2008) The landscape of elementary school physical education. *Elementary School Journal*.
- Alexandra Loukas**
- Loukas, A., Ripperger-Suhler, K.G., and Horton, K.D. (2008). Examining bidirectional relations between school connectedness and early adolescent adjustment. *Journal of Youth and Adolescence*, 0047-2891 (Print) 1573-6601 (Online).
- Loukas, A., Prelow, H.M., Suizzo, M.A., and Allua, S. (2008). Mothering and peer associations mediate cumulative risk effects for Latino youth. *Journal of Marriage and Family*, 70, 76-85.
- Loukas, A., Murphy, J.L., and Gottlieb, N.H. (2008). Cigarette smoking and cessation among trade/technical school students in Texas. *Journal of American College Health*, 56, 401-407.
- Loukas, A. (2007). What is school climate? Leadership compass, Volume 5 (*E-newsletter for the National Association of Elementary School Principals*).
- Fred Peterson**
- Jordan-Wyatt, T., Oswald, S., White, C., and Peterson, F. (2008). Are tomorrow's teachers ready to deal with diverse students? Teacher candidates' attitudes toward gay men and lesbians. *Teacher Education Quarterly*, 35(2), 171 – 185.
- Mary Steinhardt**
- Steinhardt, M.A., and Dolbier, C.L. (2008). Evaluation of a resilience intervention to enhance coping strategies and protective factors and decrease symptomatology. *Journal of American College Health*, 56(4), 445-453.
- Hiro Tanaka**
- Tanaka, H., Wienke, J., and Scherr, C. (2007). The fountain of youth in baseball sluggers? *Journal of the American Geriatric Society*. 55(11), 1887-1888.
- Sugawara, J., Komine, H., Hayashi, K., Yoshizawa, M., Otsuki, T., Shimojo, N., Miyauchi, T., Yokoi, Y., Maeda, S., and Tanaka, H. (2007). Systemic alpha-adrenergic and nitric oxide inhibition on basal limb blood flow before and after endurance training in middle-aged and older adults. *American Journal of Physiology: Heart and Circulatory Physiology*. 293, H1466-H1472.
- DeVan, A.E., and Tanaka, H. (2007). Declines in ten-pin bowling performance with advancing age. *Age and Aging*. 36(6), 693-694.
- Tanaka, H., and Cortez-Cooper, M.Y. (2008). Exercise, hypertension, and cognition. In: W.W. Spirduso, L.W. Poon, and W.J. Chodzko-Zajko (Eds.) *Exercise and Its Mediating Effects on Cognition*. Human Kinetics, Champaign, IL. pp169-181.
- Mourad, J.J., Danchin, N., Puel, J., Gallois, H., Msihid, J., Safar, M.E., and Tanaka, H. (2008). Cardiovascular impact of exercise and drug therapy in older hypertensive with coronary heart disease: PREHACOR study. *Heart and Vessels*. 23, 20-25.
- Jan Todd**
- Bartholomew, J.B., Stults-Kolehmainen, M.A., Elrod, C.C., and Todd, J.S. (2008). Strength gains following resistance training: The effect of stressful, negative life events. *Journal of Strength and Conditioning Research*, 22, 1210-1221.
- Todd, J. (2007). Center ring: Katie Sandwina and the construction of celebrity. *Iron Game History: The Journal of Physical Culture*, 10(1), 29-33.
- Todd, J. (2008). Why I loved Al Thomas. *Iron Game History: The Journal of Physical Culture*, 10(3), 29-33.
- Todd, J. (2008). Size matters: Muscle, drugs and sport. *Iron Game History: The Journal of Physical Culture*, 10(3), 3-22.
- Jules Woolf**
- Woolf, J. (2008). Competitive advantage in the health and fitness industry: Developing service bundles. *Sport Management Review*, 11, 51-73.



## Faculty Presentations

### Lawrence Abraham

Effective teaching: Why it's missing and how to get it back. Improving science and mathematics: Texas confronts the gathering storm. Educational forum sponsored by The Academy of Medicine, Engineering and Science of Texas. Houston, TX. October 2007.

(Coker, C., Overdorf, V.) Controlling a System to Enhance Skill Acquisition. Annual meeting of the American Alliance for Health, Physical Education, Recreation and Dance, April 2008.

(Arora, P., DiBiano, C., Dickinson, G., Walker, M., Marder, M.) A preliminary examination of Noyce Scholars as teachers. Annual Robert Noyce Scholarship PI Conference, National Science Foundation, June 2008.

### John Bartholomew

(Hodgkinson, M. L.) Exercise motivation and dependence: A cluster analysis of endurance athletes. Annual meeting of the American College of Sports Medicine, Indianapolis, IN. May 2008.

### Pamela S. Buchanan

State Autism Conference presentation, September 2008.

Sensory lecture and UTAP at UT Child Development Center. Austin, TX. November 2007

UTAP presentation Laredo Families with Autism Conference, Laredo, TX. January 2008.

Sensational Play, UTAP, UT Child Development parent workshop. Austin, TX. March 2008.

Sensory and Motor Integration Day AHG, Austin, TX. March 2008.

UTAP outreach to families through collaboration, ESC 6 Huntsville, TX. April 2008.

### Laurence Chalip

Leveraging benefits from sport tourism. Commonwealth Sport Tourism Conference. Kota Kinabalu, Malaysia. May 2008.

(Kellett, P., Hede, A-M) Communicating with residents of host destinations: An exploratory study of a dispersed mega-event. Fourth International Event Research Conference, Melbourne, Victoria, Australia. October 2007.

(McDowell, J., Thibault, L., Gerrard, B., & Green, B.C.) Getting on the publication plane. Annual Conference of the North American Society for Sport Management. Toronto, Ontario, Canada. May 2008.

(O'Brien, D.) Sustainability and sport events: Exploring synergies between economic and social leverage. Annual Conference of the European Association for Sport Management. Turin, Italy. September 2007.

(Taks, M., Kesenne, S., Green, B.C., Martyn, S.) Visitor composition and event-related spending: The case of a medium sized international sporting event. Annual Meetings of the North American Society for Sport Management. Toronto, Ontario, Canada. May 2008.

(Taks, M., Kesenne, S., Green, B.C., Martyn, S.) Challenges for economic impact analyses: The case of a medium sized international sports event. Conference of Administrative Sciences Association of Canada. Halifax, Nova Scotia, Canada. March 2008.

### Edward Coyle

Carbohydrates and the glycemic index. International Congress for Physical Activity, Sports and Health. Santiago, Chile. September 2007.

Physical fatigue during intense exercise: compensation of physiological systems. Sustaining Performance Under Stress Symposium. (Co-organizer). The University of Texas at Austin (CSIT). Austin, TX. December 2007.

### Jonathan Dingwell

(Su, J.L.) Kinematic variability, local, and orbital stability as predictors of falls in passive dynamic walking. 21st Biennial Conference on Mechanical Vibrations and Noise, 2007 ASME International Design Engineering Technical Conferences. Las Vegas, NV. September 2007.

(Segala, D., Song, M., Chelidze, D.) Slow-time changes in human muscle fatigue are fully represented in movement kinematics. 21st Biennial Conference on Mechanical Vibrations and Noise, 2007 ASME International Design Engineering Technical Conferences, Las Vegas, NV. September 2007.

(Garel, M.A., Cusumano, J.P.) Goal equivalent control of variability in steady-state human treadmill walking. 44th Annual Meeting of the Society of Engineering Science. College Station, TX. October 2007.

(Song, M., Segala, D.B., Chelidze, D.) Tracking slow-time scale changes in human muscle fatigue from movement kinematics. 44th Annual Meeting of the Society of Engineering Science. College Station, TX. October 2007.

(Garel, M., Cusumano, J.P.) Goal relevant gait variability in healthy young and elderly. Annual Meeting of the Gait & Clinical Movement Analysis Society. Richmond, VA. April 2008.

(Kang, H.G.) Dynamic stability in healthy elderly. Dynamic Walking 2008: Principles and Concepts of Legged Locomotion, Delft, The Netherlands. May 2008.

(Garel, M.A., Cusumano, J.P.) Goal equivalent control of variability in steady-state human treadmill walking. Dynamic Walking 2008: Principles and Concepts of Legged Locomotion. Delft, The Netherlands. May 2008.

(Cusumano, J.P., John, J.) Goal equivalent decomposition of inter-stride fluctuations in human walking. 10th Experimental Chaos Conference. Catania, Sicily. June 2008.

(Cusumano, J.P., John, J.) Evidence for goal equivalent control in treadmill walking. 2008 North American Congress on Biomechanics. Ann Arbor, MI. August 2008.

(Scott, S.J., Wilken, J.M.) The effects of walking speed and surface on dynamic stability in young adults with unilateral trans-tibial amputations. 2008 North American Congress on Biomechanics. Ann Arbor, MI. August 2008.

(McAndrew, P.M., Wilken, J.M.) Dynamic stability of walking during anterior-posterior and medio-lateral support surface and visual field translations. 2008 North American Congress on Biomechanics. Ann Arbor, MI. August 2008.

Exploring the Origins of Dynamic Stability in Human Walking. U. Twente Biomechanical Engineering Group. February 2008.

Paradoxes from Nonlinear Stability Analyses of Human Walking Data. Penn State U. ESM, ME, & Kines Depts. April 2008.

### Marlene Dixon

(Bruening, J., Ryan, T., Sagas, M.) Coaching and family: Buffering conflict and building the enrichment. Annual Convention of the American Alliance of Health, Physical Education, Recreation, and Dance. Ft. Worth, TX. April 2008.

### Elizabeth Edmundson

(Irshad, H.) Psychosocial correlates of sedentary behavior. Annual Meeting of the Society for Behavioral Medicine. San Diego, CA, March 2008.

(Rew, L) Determinants of STI screening and hepatitis B immunizations among homeless adolescents. Annual Meeting of the Society for Behavioral Medicine. San Diego, CA, March 2008.

(Hoelscher, D., Parcel, G., & Perry, C.) Psychosocial and behavioral mediators of weight status among early adolescents in the CATCH cohort. 135th Annual Meeting of the American Public Health Association. November 2007.

(Grozier, M.) Motivations for abstinence among high school students: Gender differences. 50th Annual Meeting of the Society for the Scientific Study of Sexuality. November, 2007

#### **Amanda Gammage**

(Ramirez, T., Lambdin, D.) Using the sport education model: Success and challenges at Texas Association for Health, Physical Education, Recreation and Dance. Dallas, Texas. November 2007.

#### **Nell Gottlieb**

(Seth, J.G., Evans, A., Harris, K.K., Loyo, J.J., Spaulding, C.) Correlates of child fruit and vegetable intake among low- and high-income families in Texas. International Society for Behavioral Nutrition and Physical Activity. Banff, Canada. May 2008.

(Evans, A., Seth, J.G., Harris, K.K., Loyo, J.J., Spaulding, C.) Differences in child feeding practices and beliefs among low and high income parents. International Society for Behavioral Nutrition and Physical Activity. Banff, Canada. May 2008.

(Harris, K.K., Spaulding, C.J., Loyo, J.J., Ray, T., Seth, J.G., Hovis, A., Van Eck, M.) Formative evaluation: A physical activity for low-income preschoolers. American Association of Physical and Health Education, Recreation and Dance. Dallas, TX, May 2008.

(Seth, J.G., Evans, A., Harris, K.K., Loyo, J.J., Ray, T.C., Spaulding, C.) Preschooler feeding practices and beliefs among low-income, Hispanic WIC parents. American Public Health Association. Washington, DC. November 2007.

#### **Chris Green**

Sport tourism and the celebration of subculture: Creating sustainable tourism product. Keynote address, Second International Recreation and Tourism Congress, Maracay, Venezuela. 2007.

Objectives, tactics, and challenges for sport development. Workshop, Second International Recreation and Tourism Congress, Maracay, Venezuela. 2007.

Action and participatory research in sport development. Studying Sport Development Conference, London, UK. 2008.

(Doherty, A.) Beyond motivation: New ways to understand the volunteer experience. Symposium at the Annual Conference of the North American Society for Sport Management, Toronto, Ontario, Canada. May 2008.

(Woolf, J.) Understanding the effects of emotional appeals on health promotions: Can fear and disgust promote physical activity? Sport Management Lecture Series, University of Massachusetts. Amherst, MA. 2007.

(Lee, S., Seo, W.J.) Measuring fantasy sport motivation. Annual Conference of the North American Society for Sport Management, Toronto, Ontario, Canada. 2008.

(McDowell, J., Chalip, L., Thibault, L., Gerrard, B.) Getting on the publication plane. Annual Conference of the North American Society for Sport Management, Toronto, Ontario, Canada. 2008.

(Taks, M., Kesenne, S., Chalip, L., Martyn, S.) Challenges for economic impact analyses: The case of a medium sized international sports event. Conference of the Administrative Sciences Association of Canada, Halifax, Nova Scotia, Canada. 2008.

(Taks, M., Kesenne, S., Chalip, L., Martyn, S.) Visitor composition and event-related spending: The case of a medium sized international sporting event. Annual Meetings of the North American Society for Sport Management, Toronto, Ontario, Canada. 2008.

#### **Lisa Griffin**

(Anderson, N. C. Watkins, K.) Low-frequency fatigue during low- versus high-intensity voluntary and evoked contractions. Society for Neuroscience. San Diego, CA. November 2007.

Neural adaptations to training and fatigue: applications to spinal cord injury. Center for Rehabilitation Sciences, University of Texas Medical Branch. Galveston, TX. February 2008 Institute for Neuroscience. University of Texas at Austin, Austin, TX. October 2007. Dept. of Health and Kinesiology, Texas A & M University. College Station, TX. 2007.

#### **Carole Holahan**

(Velasquez, K.E., North, R.J.) The role of positive expectancy in predicting happiness from early to later aging. Conference on Promoting Health in Underserved Populations: Advancing Healthy Aging. University of Texas at Austin School of Nursing. February 2008.

(You, X.) Neighborhood predictors of physical activity in Texas men and women using the 2004 Behavioral Risk Factor Surveillance System. Conference on Promoting Health in Underserved Populations: Advancing Healthy Aging. University of Texas at Austin School of Nursing. February 2008.

#### **John Ivy**

Nutritional supplementation to improve exercise performance and recovery. 2nd Voedings- & Gezondheidscongres. Amsterdam, The Netherlands. November 2007.

The role of protein in post exercise metabolism and recovery. University of Limerick. Limerick, Ireland. May 2008.

The effectiveness of caffeine as an ergogenic aid. International Society of Sports Nutrition Annual Conference. Las Vegas, Nevada. June 2008.

Potential for protein ingestion during aerobic-based exercise to improve performance and facilitate skeletal muscle recovery. Gatorade Sport Science Institute Annual Meeting. Huntington Beach, California. July 2008.

Nutrient timing: controls of post exercise metabolism and recovery. Chon-Nam University. Gwangju, South Korea. July 2008.

Nutrient timing: controls of post exercise metabolism and recovery. Chungnam National University. Daejeon, South Korea. July 2008.

Nutrient timing: its effect on recovery from exercise and glucose tolerance. Seoul National University. Seoul, South Korea. July 2008.

Nutritional supplementation and its timing for rapid recovery from exercise. Texas A&M International University. Laredo, TX. April 2008.

Effect of timing and types of macronutrient section during and post exercise. Department of Health and Kinesiology. Texas A&M University, College Station, TX. October 2007.

Exercise performance and recovery drinks. Cooper Clinic. Dallas, TX. October 2007.

Reducing muscle insulin resistance. Carbohydrate/protein supplementation post exercise increases muscle glycogen storage. What do they have in common? Department of Exercise Science, Sports, Physical Education, and Recreation. Old Dominion University. Norfolk, VA. November 2007.

The use of a carbohydrate/protein supplement during and post exercise. Longhorn Aquatics. University of Texas. Austin, TX. March 2008.

The effect of amino acids on carbohydrate metabolism. Department of Nutritional Sciences. University of Texas. Austin, TX. April 2008.

Nutrition and Its Timing for Rapid Exercise Recovery. Texas Exes, University of Texas. Austin, TX. June 2008.

Supplementation for rapid post exercise recovery. University of Texas Business School MBA program. University of Texas. Austin, TX. August 2008.

#### **Jody Jensen**

Developmental biomechanics: Workshop at Annual Meeting of the American Physical Therapy Association. San Antonio, TX. June 2008.

Developmental motor control: The modifiers of skill acquisition. Annual meeting of the American Physical Therapy Association, Combined Sections Meeting, Nashville, TN. February 2008.

#### **Dolly Lambdin**

(Keating, X.D., Chen, L., Xiang, P., & Guan, J.) A preliminary study on perceived need for health-related fitness knowledge among college students at a large US southern university. Pre-Olympic Scientific Conference. Guangzhou, China. August 2008.

(Keating, X.D., Guan, J., Harrison, Jr. L.) An analysis of research on student Health-related Fitness Knowledge in USA. Pre-Olympic Scientific Conference. China. August 2008.

A reaction to L.F. Locke.. Redefining the role of physical education teachers: Radical changes to meet new demands at Moving Ahead: Developing a Blueprint for Physical Education for Future Generations: A Scientific Forum Sponsored by North Carolina Center for Health Promotion and Disease Prevention. Chapel Hill, NC, December 2007.

(Graham, G., Van Volkinburg, P., Sims, S., Santos, B.J., Gorwitz, C.) Revision of the elementary, middle and high school appropriate practices. Annual Conference of American Alliance for Health, Physical Education, Recreation and Dance. Fort Worth, TX. April 2008.

(Ramirez, T., Gammage, A.) Using the sport education model: Success and challenges at Texas Association for Health, Physical Education, Recreation and Dance. Dallas, TX, November 2007.

Quality physical education and assessment. Texas Education Association Webnar, Austin, Texas—broadcast to 20 Regional Service Centers.

Program evaluation having aata: A cause of celebration, Now what to do with it Secondary and Elementary Administraotros Conference, South Padre Island, TX, June 2008.

Advocacy, Authentic Assessment and Accountability in the PETE Program, Springfield College. December 2008.

#### **Alexandra Loukas**

(Roalson, L.A., Ellison, C.) The contribution of religious connectedness on early adolescent adjustment. Biennial Meeting of the Society for Research on Adolescence, Chicago, IL. March 2008.

Examining the moderators of racial/ethnic discrimination and tobacco use. 2007 National Conference on Tobacco or Health, Minneapolis, MN. October 2007.

#### **Fred Peterson**

(Welsh, K. ) Integrating global warming education and advocacy into youth health promotion. Association for Supervision and Curriculum Development Annual Conference, New Orleans, LA. April 2008.

#### **Teresita B. Ramirez**

Knotting Matters: Knot tying basics for the beginner. Texas Outdoor Education Association Annual Conference. Leakey, TX. October 2007.

(Gammage, A., & Lambdin, D.) Using the sport education model: Success and challenges. Texas Association for Health, Physical Education, Recreation & Dance. Dallas, TX. November 2007.

Sport education: implementing the sport education model at the middle school level. Austin Independent School District In-

service for Middle School Physical Education Teachers. Austin, TX. February 2008.

Using iMovie for authentic assessment in the physical education teacher education program. College of Education LIFE meeting. Austin, tX. February 2008.

#### **Waneen Spirduso**

Physical function assessment for successful aging. Joanne Safrit Distinguished Lecture Series Inaugural Lecture U. of Wisconsin, October 2007.

Older adults and physical activity, The Cooper Institute Conference Series, sponsored jointly with the 11th Measurement & Evaluation council Symposium. The Cooper Institute, Dallas, TX. October 2007.

(Graham, S.) Effectiveness of a home-based physical activity program delivered by caregivers to frail older adults. American Public Health Association. Washinton, DC. November 2007.

(Francis, K., MacRae, P.M., Eakin, T.) The effects of age and practice on precision pinch force control. International Congress on Aging and Physical Activity. Tskuba, Japan. July 2008.

Panel Discussion at CHPR. Vista Villas, Lakeway, Austin, TX. February 2008.

#### **Mary Steinhardt**

A resilience intervention in African American adults with type 2 diabetes: a pilot study of efficacy. Promoting Health in Underserved Populations: Advancing Healthy Aging Research Conference, The University of Texas. Austin, TX. February 2008.

Changing research directions as a seasoned faculty member. Seventh Annual Summer Research Institute. June 2008.

Resiliency from grief and stress. The 4th Infantry Division, Fort Hood, United States Army. September 2007.

Chronic stress, coping, and health: lessons learned and future directions. Capital Area Psychological Association. Austin, TX. October 2007.

#### **Hirofumi Tanaka**

Effect of resistance exercise on vascular function. American Heart Association meeting. Orlando, FL. November 2007.

Resistance training: stiffening of muscles and softening of arteries. University of Florida. Gainesville, FL. November 2007.

Brachial ankle pulse wave velocity. Arterial Waveform Working Group meeting. Tokyo, Japan. January 2008.

Role of regular exercise on preventive gerontology. Research Conference on Advancing Healthy Aging at the University of Texas at Austin. Austin, TX. February 2008.

Targeting vascular function of older adults: endurance training, resistance training, or both? Texas A&M University. College Station, TX. March 2008.

Aging, habitual exercise, and large elastic artery stiffness. American Aging Association annual meeting. Boulder, CO. June 2008.

Academic research in the USA: Differences and similarities between the US and Japanese system. Department of Sports Medicine at the University of Tsukuba. Ibaraki, Japan. June 2008.

Comparisons between brachial-ankle pulse wave velocity and aortic pulse wave velocity. Pulse Wave Velocity Working Group Meeting. Tokyo, Japan. June 2008.

#### **Jan Todd**

The perfect woman: Katie Sandwina and the construction of celebrity. Third meeting of the Transnational Scholars for the Study of Gender and Sport, Urbino, Italy. 2007.

Size matters: Reflections on muscle, drugs and sport. The Seward Staley Honor Address, North American Society for Sport History, Lake Placid, NY. 2008.

The history of the Stark Center for Physical Culture and Sports. Oldetime Barbell and Strongman Association, Collectors and History Meeting, Newark, NJ. 2008.

#### **Jules Woolf**

(Green, B.C.) Understanding the effects of emotional appeals on health promotions: Can fear and disgust promote physical activity? Sport Management Lecture Series, University of Massachusetts, Amherst, MA. 2007.

Fear negatively impacts message encoding of a health promotion message. Annual Convention of the American Alliance of Health, Physical Education, Recreation and Dance, Ft. Worth, TX. 2008.

Effects of disgust-eliciting persuasive messages on physical activity. Annual Convention of the American Alliance of Health, Physical Education, Recreation and Dance, Ft. Worth, TX. 2008.

## Student Publications

### Jeff Bernard

Bernard, J.R., Saito, M., Liao, Y.-H., Yaspelkis III, B.B., and Ivy, J.L. (2008). Exercise training increases components of the CAP/cCbl signaling cascade in muscle of obese Zucker rats. *Metabolism* 57, 858-866.

### Allison DeVan

DeVan, A.E., and Tanaka, H. (2007). Declines in ten-pin bowling performance with advancing age. *Age and Aging*. 36(6), 693-694.

### Barbara Doucet

Doucet, B. M. and Griffin, L. (2008). Maximal versus submaximal intensity stimulation with variable patterns. *Muscle and Nerve* 37, 770-777.

### David Hammers

Hammers, D.W., Merritt, E.K., Matheny, W., Adamo, M.L., Walters, T.J., Estep, J.S., Farrar, R.P. (2008) Functional deficits and insulin-like growth factor-I gene expression following tourniquet-induced injury of skeletal muscle in young and old rats. *Journal of Applied Physiology*, 105, 1274-1281.

### Karissa Horton

Vaaler, M.L., Ellison, C.G., Horton, K.D., & Marcum, J.P. (2008) Spare the rod? Ideology, experience, and attitudes toward child discipline among Presbyterian clergy. *Pastoral Psychology*, 56(5): 533-546.

### Deanna Gates

Gates, D.H. and Dingwell, J.B. (2008) Effects of muscle fatigue on variability and temporal correlations in movement timing errors. *Experimental Brain Research*, 187(4), 573-585.

### Hyun Gu Kang

Kang, H.G., and Dingwell, J.B. (2008) Separating the effects of age and speed on gait variability during treadmill walking. *Gait & Posture*, 27(4), 572-577.

### Ed Merritt

Hammers, D.W., Merritt, E.K., Matheny, W., Adamo, M.L., Walters, T.J., Estep, J.S., Farrar, R.P. (2008) Functional deficits and insulin-like growth factor-I gene expression following tourniquet-induced injury of skeletal muscle in young and old rats. *Journal of Applied Physiology*, 105, 1274-1281.

### Paul Morrison

Morrison, P.J., Hara, D., Ding, Z., and Ivy, J.L. (2008). Providing nutrients after endurance exercise stimulates mRNA translation signaling pathways in rats. *Journal of Applied Physiology*, 104(4), 1029-1036.

### Matt Pahnke

Trinity, J, Pahnke, M, Sterkel, J, Coyle, E.F. (2008) Maximal power and performance during a swim taper. *International Journal of Sports Medicine*, 29, 500-506.

### Ken Ripperger-Suhler

Loukas, A., Ripperger-Suhler, K.G., and Horton, K.D. (2008). Examining bidirectional relations between school connectedness and early adolescent adjustment. *Journal of Youth and Adolescence*, 0047-2891 (Print) 1573-6601 (Online).

### Roland Robb

Dingwell, J.B., Robb, R.T., Troy, K.L., and Grabiner, M.D. (2008) Effects of an attention demanding task on dynamic stability during treadmill walking. *Journal of Neuroengineering & Rehabilitation*, 5(1), 12.

### Won Jae Seo

Seo, W.J., & Green, B.C. (2008). Development and validation of the motivation scale for sport online consumption (MSSOC). *Journal of Sport Management*, 21, 82-109.

Seo, W.J., Green, B.C., Ko, Y.J., Schenewark, J., & Lee, S. (2007). The effect of web cohesion, web commitment, and attitude toward the website on intentions to use NFL teams' websites. *Sport Management Review*, 10, 231-252.

### Emily Sparvero

Sparvero, E., Chalip, L., & Green, B.C. (2008). United States: Laissez faire sport development. In B. Houlihan & M. Green (Eds.), *Comparative Elite Sport Development: Systems, structures and public policy*. Oxford, UK: Butterworth-Heinemann.

### Matt Stults-Kohlemenian

Bartholomew, J. B., Stults-Kohlemenian, M. A. Elrod, C. C., Todd, J. (2008) Strength gains following resistance training: The effect of stressful, negative life events. *Journal of Strength and Conditioning Research*, 22, 1215-1221.

### C. Kevin Terry

Terry, C. K. and Griffin, L. (2008). How computational technique and spike train properties affect coherence detection. *Journal of Neuroscience Methods* 168, 212-223.

### Joel Trinity

Trinity, J, Pahnke, M, Sterkel, J, Coyle, E.F. (2008) Maximal power and performance during a swim taper. *International Journal of Sports Medicine*, 29, 500-506.

### Katherine Velasquez

Holahan, C. K., Holahan, C. J., Velasquez, K., & North, R. (2008). Longitudinal change in happiness during aging: The predictive role of positive expectancies. *International Journal of Aging and Human Development*, 66, 229-241.

## Student Presentations

### Matt Carson

(Lee, H.J., Kessler, S.A.) Does context matter? A comparison of continuing and episodic volunteers. Annual Conference of the North American Society for Sport Management. Toronto, Ontario, Canada. May 2008.

### Matt Bowers

(Smith, B.L., Giraldo, J.S.) Applying the IAT as a framework for understanding the work/play component of volunteering. Annual Conference of the North American Society for Sport Management. Toronto, Ontario, Canada. May 2008.

### Elizabeth Conant

(Warner, S.M., Lomers, E.) What's satisfaction got to do with it? Using the Kano Model to retain volunteers. Annual Conference of the North American Society for Sport Management. Toronto, Ontario, Canada. May 2008.

### Jacqueline Crissey

(Crissey, J.) Nutritional interventions in skeletal muscle atrophy. Annual Experimental Biology meeting. San Diego, CA. April 2008.

### Michael Decker

(Abraham, L., Griffin, L.) Synergistic alternating muscle activation patterns during moderate intensity sustained isometric contractions. Annual meeting of the Society for Neuroscience. San Diego, CA. November 2007.

**Barbara Doucet**

(Griffin, L.) Variable frequency stimulation in healthy and post-stroke populations. Society for Neuroscience. San Diego, CA. November 2007.

**Darcy Downey**

(Peterson, F.) The role of glycogen depletion on risk of injury in female soccer players. American Alliance for Health, Physical Education, Recreation, and Dance Annual Conference (NAGWS). Fort Worth, TX. April 2008.

**Deanna Gates**

(Dingwell, J.B.) Movement stability is affected by muscle fatigue. Annual Meeting of the Gait & Clinical Movement Analysis Society. Richmond, VA. April 2008.

(Dingwell, J.B.) The effect of muscle fatigue on task performance during repetitive goal directed movements. 2008 Annual Meeting of the Gait & Clinical Movement Analysis Society. Richmond, VA. April 2008.

**Sebastian Giraldo**

(Smith, B.L., Bowers, M.T.) Applying the IAT as a framework for understanding the work/play component of volunteering. Annual Conference of the North American Society for Sport Management. Toronto, Ontario, Canada. May 2008.

**Rohit Gokhale**

(Hammers, D.W., Fegan K., Farrar, R.P.) The effect of PEGylated fibrin injection on the recovery of skeletal muscle function following Ischemia-reperfusion injury. Annual Experimental Biology meeting. San Diego, CA. April 2008.

**Lauren Grieco**

(Bartholomew, J.B., Jowers, E. M.) Physical activity and time on task: The moderating effect of BMI. Annual meeting of the American College of Sports Medicine, Indianapolis, IN. May 2008.

(Bartholomew, J.B., Jowers, E. M.) Effects of physically active academic lessons on classroom behavior: considerations of time of day. Annual meeting of the Society of Behavioral Medicine, San Diego, CA. March 2008.

**David W. Hammers**

(Merritt, E.K., Farrar, R.P.) Decreased induction of heat-shock proteins with age in ischemia-reperfusion injured skeletal muscle. Annual Experimental Biology meeting. San Diego, CA. April 2008.

**Hyun Gu Kang**

(Dingwell, J.B.) Slower walking and the dynamic stability of gait in healthy elderly. 2008 American Geriatrics Society Annual Scientific Meeting. Washington, DC. April – May 2008.

(Dingwell, J.B.) Walking slower improves dynamic gait stability in the elderly. Gerontological Society of America's 60th Annual Scientific Meeting. San Francisco, CA. November 2007.

(Dingwell, J.B.) Segment height and dynamic gait stability in young and older adults. Gerontological Society of America's 60th Annual Scientific Meeting. San Francisco, CA. November 2007.

(Dingwell, J.B.) Stabilization of superior segments during gait. Annual Meeting of the Gait & Clinical Movement Analysis Society. Richmond, VA. April 2008.

(Dingwell, J.B.) Speed, leg strength and walking stability in healthy elderly. Annual Meeting of the Gait & Clinical Movement Analysis Society, Richmond, VA, April 2008.

(Dingwell, J.B.) Stability of superior segments during gait in older adults. 2008 North American Congress on Biomechanics. Ann Arbor, MI. August 2008.

(Dingwell, J.B.) Fluctuation of EMG patterns at multiple walking speeds. 2008 North American Congress on Biomechanics. Ann Arbor, MI. August 2008.

**Seth Kessler**

(Lee, H.J., Carson, M.I.) Does context matter? A comparison of continuing and episodic volunteers. Annual Conference of the North American Society for Sport Management, Toronto, Ontario, Canada. May 2008.

**Hyun Jae Lee**

(Kessler, S.A., Carson, M.I.) Does context matter? A comparison of continuing and episodic volunteers. Annual Conference of the North American Society for Sport Management. Toronto, Ontario, Canada. May 2008.

**Seunghwan Lee**

(Seo, W.J., Green, B.C.) Measuring fantasy sport motivation. Annual Conference of the North American Society for Sport Management. Toronto, Ontario, Canada. May 2008.

**Erin Lomers**

(Conant, E.B., Warner, S.M.) What's satisfaction got to do with it? Using the Kano Model to retain volunteers. Annual Conference of the North American Society for Sport Management. Toronto, Ontario, Canada. May 2008.

**Ed Merritt**

(Hammers D.W., Walters, T.J., Farrar, R.P.) Function after repair of skeletal muscle defect with muscle-derived extracellular matrix. Annual Experimental Biology meeting. San Diego, CA. April 2008.

**Patricia McAndrew**

(Dingwell, J.B., Wilken, J.M.) Walking during A-P and M-L surface and visual field perturbations. Dynamic Walking 2008: Principles and Concepts of Legged Locomotion. Delft, The Netherlands. May 2008.

**Pam Painter**

(Griffin, L.) Hand Steadiness and Coherence Following Motor Learning Training. American College of Sports Medicine, Indianapolis, IN. May 2008.

**Shawn J. Scott**

(Dingwell, J.B., Wilken, J.M.) The effects of walking speed and surface on dynamic stability in young adults with unilateral trans-tibial amputations. 2008 North American Congress on Biomechanics. Ann Arbor, MI. August 2008.

**Won Jae Seo**

(Lee, S., Green, B.C.) Measuring fantasy sport motivation. Annual Conference of the North American Society for Sport Management, Toronto, Ontario, Canada. 2008.

**Brianna Smith**

(Bowers, M.T., Giraldo, J.S.) Applying the IAT as a framework for understanding the work/play component of volunteering. Annual Conference of the North American Society for Sport Management. Toronto, Ontario, Canada. May 2008.

**Ken Ripperger-Suhler**

(Loukas, A.) School connectedness and early adolescent adjustment: examining bi-directional relations. Biennial Meeting of the Society for Research on Adolescence. Chicago, IL. March 2008.

**C. Kevin Terry**

(Griffin, L.) Functional Pinch force steadiness is not correlated to motor unit coherence. Society for Neuroscience. San Diego, CA. November 2007.

**Katherine Velasquez**

(You, X.) Neighborhood predictors of physical activity in Texas men and women using the 2004 Behavioral Risk Factor Surveillance System. Conference on Promoting Health in Underserved Populations: Advancing Healthy Aging. University of Texas at Austin School of Nursing. February 2008.

**Stacy Warner**

(Conant, E.B., Lomers, E.) What's satisfaction got to do with it? Using the Kano Model to retain volunteers. Annual Conference of the North American Society for Sport Management. Toronto, Ontario, Canada. May 2008.

(Dixon, M.) A qualitative investigation of coaching satisfaction. Annual meetings of the North American Society for Sport Management. Toronto, Canada. May 2008.

(Winkel, J., Dixon, M.). Work-family conflict as a barrier to entry into college coaching. American Alliance of Health, Physical Education, Recreation, and Dance Conference. Ft. Worth, TX. April 2008.

**Kelly Welsh**

(Peterson, F.) Experiential learning: the perfect pedagogy for risk-taking. American Alliance for Health, Physical Education, Recreation, and Dance Annual Conference. Fort Worth, TX. April 2008.

**Jane Winkel**

(Warner, S., Dixon, M.) Work-family conflict as a barrier to entry into college coaching. Annual Convention of the American Alliance of Health, Physical Education, Recreation, and Dance. Ft. Worth, TX. April 2008.

**Xiaoyan Xing**

(Chalip, L.) Local specifics grounded in universal commonalities: A cross-national look at sport fans. International Convention

on Science, Education and Medicine in Sport. Guangzhou, China. August 2008.

(Chalip, L.). Sport fan identity and social networks: The contagion of team identification. International Convention on Science, Education and Medicine in Sport. Guangzhou, China. August 2008.

**Anckit Wadhwa**

(Griffin, L.) Motor unit coherence is not related to unsteadiness in the hand. American College of Sports Medicine, Indianapolis, IN. May 2008.

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