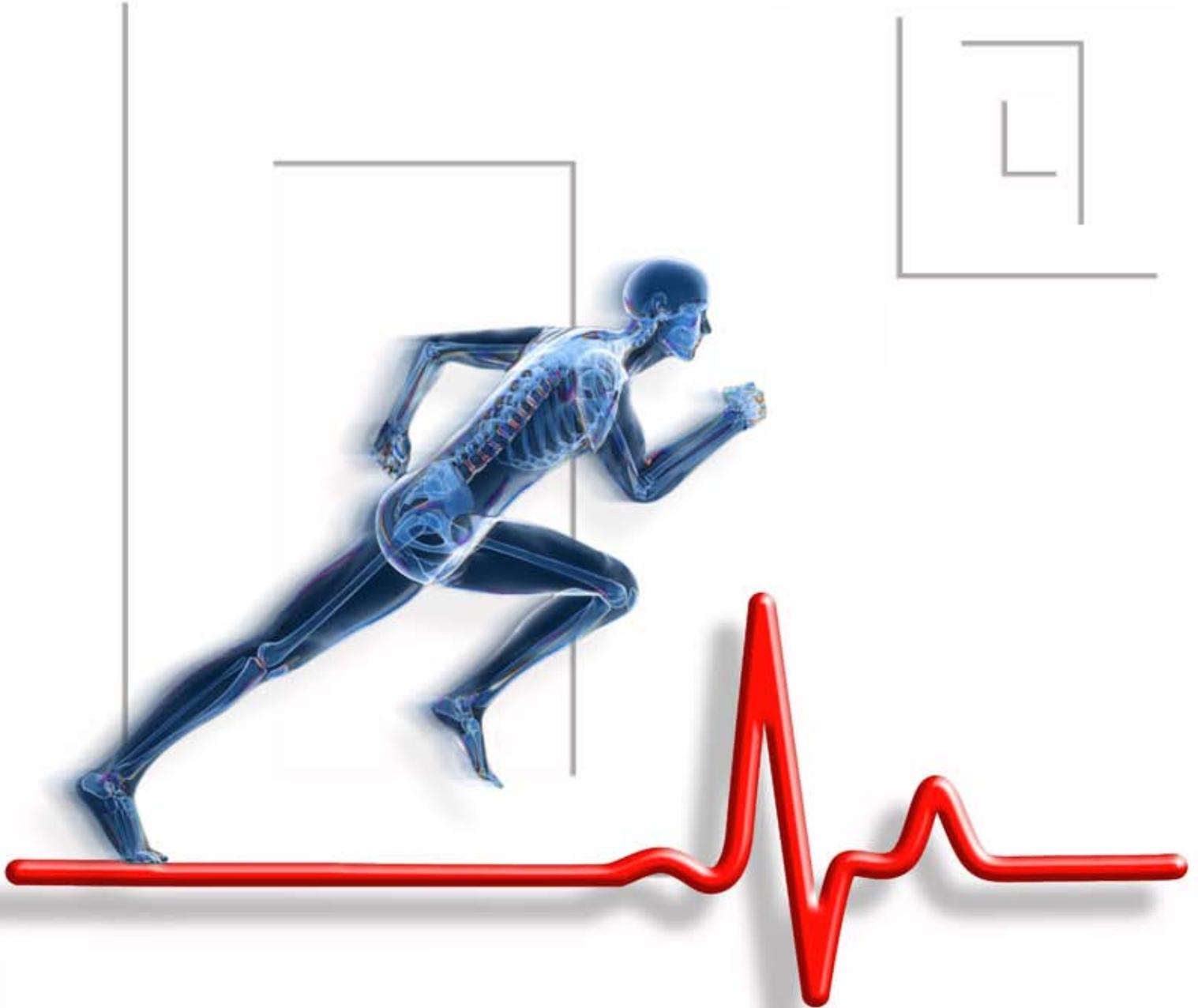


Health & Human *Performance*



annual report 2008

The Department of Health and Human Performance

College of Education, University of Houston

The 2007–2008 Academic Year was an exceptional year for the Department of Health and Human Performance (HHP). Based upon our previous success we once again made tremendous strides in the areas of research, academics, and service. This progress was reflected in 38 peer reviewed research articles; 54 scientific presentations; curriculum revisions; personnel increases, and continued gains in the number of graduate students. Our undergraduate degree programs continue to be some of the most popular on campus. Additionally, during the past year, the department administered over \$4,000,000 in funding to support research and other projects. We received funding for 19 new projects and submitted an additional 29 funding requests.

Academics

We are #1!

The most exciting academic news during this past year was that the faculty of Health and Human Performance department were identified as the most productive faculty in the entire nation in the category of Health, Physical Education and Recreation by Academic Analytics. Program rankings are based on the book and journal publications of faculty, along with their journal article citations and federally funded grants and honorific awards. See http://www.uh.edu/news-events/newsrelease.php?releaseid_int=239 for a full report. This #1 ranking is consistent with our doctoral degree program in Kinesiology's recent #15 ranking by the American Academy of Kinesiology and Physical Education (AAKPE). This is a tremendous honor for our faculty and we are quite proud.

Another exciting piece of academic news is that the University of Houston's Graduate and Professional Studies Council approved two new graduate degrees. One of the new master's of science degrees is in Human Nutrition and the other is in Human Space Exploration Sciences. These proposed degrees will now go to the Texas Coordinating Board for what we hope is final approval.

The proposed Nutritional science track of the MS program is designed to produce practitioners with the unique ability to integrate the principles of both nutrition and exercise in the development and implementation of intervention and prevention programs. This program will draw from the 1000+ Registered Dietitians in the Houston area, as well as the 200+ Dietetic Internship applicants we receive annually. Sport's Nutrition is an emerging field that integrates an in-depth knowledge of the physiology of exercise and nutrition. Demand is increasing for practitioners who can integrate the skills of medical nutrition therapy, counseling and the special nutritional needs of active individuals.

The Human Space Exploration Sciences degree is designed to train the people that will populate the space life science workforce be that of NASA or the burgeoning commercial space industry. This program will contain courses in human physiology, space architecture, project management, bioengineering techniques, statistics and a thesis. One unique aspect of this degree is that the modular delivery method will be taught by UH professors, NASA life

science contractors and NASA-Johnson Space Center civil servants. We anticipate that both of our new master's degrees will prove to be very popular with students.

During the 2007–2008 academic year a review to recertify the University of Houston was performed by the Southern Association of Colleges and Schools (SACS), the primary accrediting body of the university. The UH SACS web site is the gateway to university assessment and SACS 2008 reaffirmation of accreditation process information. This web site serves as a collaborative, university-wide work space to exchange ideas and facilitate assessment. <http://www.sacs.uh.edu/default.htm>.

Our online master's of education degree benefited from an active internet advertising campaign and improvements made in the personal attention we provide prospective and active students. Our new graduate academic coordinator, Todd Boutte, contacts prospective students and guides them through the application process, interacts with our current MED students to let them know of upcoming courses and academic deadlines, and serves as a general resource.

In May the Graduate Research Degrees committee administered our annual doctoral student qualifying exam. Our students read several chapters from the book *Great Feuds in Science*, and then used these readings as the basis for answering broad philosophical questions that were formulated by faculty members from other universities. These same faculty members were also responsible for grading the students' answers. We believe this exam provides our professors another indicator of our students' critical thinking and writing skills. This process is now a regular feature of our doctoral program as we train students to apply the knowledge they've gained and generate new knowledge designed to address ongoing societal issues.

In June, two groups of HHP faculty were awarded UH sponsored Faculty Development Initiative Program (FDIP) grants totaling \$55,000 to explore the use of Second Life as an educational medium. Second Life <http://secondlife.com/> enables your avatar (your digital representative) to navigate buildings, parks, swimming pools, attend concerts, dance, chat, spend and earn Linden dollars (Second Life's own currency) and take education courses just like you would in real life. Recently the university has funded several HHP professors to develop courses that will be delivered through the Second Life medium. We have also



One of HHP's Second Life zones

been awarded funding from the Second Life and Public Good Community Challenge to promote obesity literacy. This project is being sponsored by our **Texas Obesity Research Center**. We have already built a virtual campus modeled after some of America's great Ivy League campuses, including a bell tower and a Quad area. Each degree program has its own building in addition to an alumni center, undergraduate and graduate advisor centers, an orientation building, laboratories and a large conference center modeled after Thomas Jefferson's rotunda that now is a distinctive part of the University of Virginia's campus. Our next development phase will encompass getting our

students to sign in to Second Life, and build our HHP online community. We are very excited about this new venture and hope you will join us Second Life in the near future.



Students working out on the new bikes during an Indoor Cycling class

After seven years with our old Body Cycle spin bikes, and due to the high demand for our Indoor Cycling class, we purchased new spin bikes. Our new ones are the latest from Keiser—the Keiser M3. It is one of the few on the market that offer magnetic resistance and a more realistic cycling experience. Whether you're riding for power or caloric expenditure, your performance and progress can be monitored.

The M3 is more reminiscent of a real bike and the real ride experience because of its resistance system. **POWER = FORCE X VELOCITY.**

Power (amount of work being done in a given amount of time by the rider) = **Force** (the amount of resistance) X **Velocity** (RPM, speed the rider is pedaling). This is the same formula all road bikes follow: pedal faster (increase velocity), and the harder it is to pedal as wind resistance increases (added force) which requires more effort to pedal (increase the power).



The bike



Lovin' it!

In May the department signed a contract with the Texas Medical Center for the provision of laboratory space to Health and Human Performance motor behavior investigators. Being located at the **National Center for Human Performance** will increase our opportunities for collaborative research with multiple constituencies.



Dining area outside the lab



Testing new equipment

Research

We continued to have success in obtaining funding to support our varied research projects. Our department now has three grants from the National Institutes of Health (NIH). Our projects continue to be funded by the Texas Department of State Health Services; Wyle Life Sciences (a NASA Life Sciences contractor); Episcopal Health Charities; POM Wonderful LLC (pomegranate fruit), NASA, the Annenberg School of Communication's **community challenge**, and the University of Houston.

Training Interventions & Genetics Exercise Response (TIGER) study, focusing on the relationship between obesity, genetics and exercise, is in its fourth year of operation, <http://www.uh.edu/tigerstudy>

Understanding Neighborhood Determinants of Obesity (UNDO), designed to investigate the influence of environment on obesity among minority women, was in full swing this year with several interrelated projects being conducted in both Houston and Austin <http://hhp.uh.edu/undo>



SALSA participants



BOUNCE-Lite participants

Behavior Opportunities Uniting Nutrition, Counseling, and Exercise (BOUNCE) program completed its third year with record attendance. The 12-week after school program had 96 participants, and the 3-week summer program, BOUNCE-Lite, had 40. The program uses a variety of physical activities, counseling, and nutrition education, and works with minority middle school girls and their mothers to determine if there are cultural factors that contribute to obesity, <http://bounce.uh.edu>.

Health Network for Evaluation and Training Systems (HNETS), providing research, evaluation, training and technical assistance to schools, communities and health care settings to meet their health goals, continues to be very active and received much positive publicity this summer, <http://www.uh.edu/hnets/index.html>.

The Texas Obesity Research Center (TORC), with Dr. Rebecca Lee as director entered into its second year of existence. The goals of this research center include conducting basic and applied research in obesity prevention and control, as well as pursuing and advocating related programs and events. The broad purpose of the center also includes the education of students in an interdisciplinary approach to topics related, but not exclusive, to obesity-related health behaviors and related health compromising conditions. We look forward to continued growth of the center in the years to come. <http://grants.hhp.coe.uh.edu/obesity/>

Our research projects can be explored at <http://hhp.uh.edu/research/research.cfm>.

Our 3rd annual **Graduate Student Research Day** (GSRD) was held in October and was attended by over 300 undergraduate students. We are very proud of our graduate students' involvement in research-related work. In fact, many of the presentations that day were subsequently presented by our graduate students at national and state research conferences.



GSRD audience



Dr. Andrew "Tony" Jackson

Our 4th annual **Faculty Research Day** took place in the Garrison auditorium on March 28. Twelve faculty members presented their research in front of a packed house of HHP graduate and undergraduate students. The presentations were followed by a luncheon where faculty and students had the chance to interact and discuss research projects in which the students could participate.

Special Events

UH President and Chancellor, **Dr. Renu Khator** visited the College of Education on April 30th. She met with HHP doctoral students and faculty and received an overview of HHP's research, academic programs, and community activities.



Dr. Khator with Ph.D. students



Great Strides participants

"Great Strides—Taking Steps to Cure Cystic Fibrosis," the 19th annual fund-raising event given by the Cystic Fibrosis Foundation, was sponsored by HHP on May 17th at the UH main campus. The walkathon helps raise money to find a cure for cystic fibrosis—a disease that affects approximately 30,000 children in the U.S. The campus took on a carnival-type atmosphere as over 700 people turned out for the event and helped raise over \$750,000—a new record.

HHP hosted a new event in March, called **"Pounds for Pounds,"** that collected about 1,000 pounds of food to benefit the Star of Hope Mission in Houston. Other sponsors included UH One, the HHP Student Nutrition Association (SNA), **the Texas Obesity Research Center (TORC)**, and The Healthy Weigh. Graduate student Kristen McAlexander coordinated the successful event. Kristen's idea was to have people donate pounds [of food] in exchange for losing pounds [of fat] by participating in physical activity classes including aerobics, soccer, self defense, indoor cycling, tae kwon do, and seminars on health, nutrition and fitness.



Dr. Lisa Alastuey



Step Aerobics



Indoor Cycling



Self Defense



Soccer

The College of Education hosted its always successful annual fund-raising Service, Teaching, Assistance, Research, and Scholarship (STARS) banquet in May.

2008 Star Award Winners



Dr. Holcomb

Dr. J. David Holcomb received the HHP Distinguished Alumni Award in front of a full house. He is the Senior Vice President of the Baylor College of Medicine(BCM) and Dean of the School of Allied Health Sciences at BCM. He oversees three master's of science programs: Physician's Assistant, Nurse Anesthetist, and Child Psychology, and is the PI of a 5-year Physician Assistant Cancer Education project funded by the National Cancer Institute.



Dr. Layne

Dr. Charles Layne received the College of Education's Faculty Service Award for the valuable contributions he's made over the past 10 years including:

- setting up the Movement and Coordination Laboratory
- helping to create the Laboratory for Integrated Physiology (LIP)
- forging a formal relationship with the National Center of Human Performance
- providing leadership to a department that was rated #1 in the nation for scholarly productivity in Health, Physical Education and Recreation



Daintee Jones, Dr. Olvera & Dr. Bush



Amy Van Natta accepts her award



Drs. Peter & Phyllis Gingiss & Dr. Lee

Student Scholarship Awards

Christopher Arellano is a Ph.D. student in Kinesiology and is active in various community organizations. He is also a tutor and mentor, teaches activities, and participates in the University Outreach program helping to prepare underserved middle and high school students for college.



Vladimir Ivkovic is a Ph.D. student in Kinesiology and hopes to pursue a role as both a professor and a researcher. His main interests lie in employing neuroscience in developing solutions to biomedical problems. He's taught 6 undergraduate courses at UH and believes in the importance of developing students' critical skills.

Amy Van Natta is an undergraduate Exercise Science student and her future plans include opening her own Pediatric Physical Therapy and Rehabilitation facility that will provide care for all children in need of physical therapy and rehabilitation regardless of their financial situations.

The University of Houston holds graduation events in both December and May. These former students now join the ranks as Health and Human Performance alumni! Once again graduation was a well attended and happy affair for the graduates, their families, friends and faculty.

2007-2008 HHP Graduates

Undergraduate Students		Graduate Students	
Kinesiology	140	Ph.D.	4
Health	64	M.S.	3
Nutrition	73	M.Ed.	21
TOTAL	277	TOTAL	28



Theses and Dissertations

- Diana Abuamer
- Gabriel Blog
- Melissa Scott-Pandorf
- Chris Arellano
- Marilyn Graham
- Lisa Esposito
- Monique Renae Pappadis

Research Articles

Abercromby, A.F.J., Amonette, W.E., **Layne, C.S.**, **McFarlin, B.K.**, Hinman, M.R. and Paloski, W.H. Quantitative evaluation of whole-body vibration training safety in healthy adults. (*Medicine & Science in Sports and Exercise*, 39(10):1794–800, 2007.

Abercromby, A.F.J., Amonette, W.E., **Layne, C.S.**, **McFarlin, B.K.**, Hinman, M.R. and Paloski, W.H. Variation in Neuromuscular Responses during Acute Whole-Body Vibration Exercise. *Medicine & Science in Sports and Exercise* 39(9):1642–50, 2007.

Al-Jarrah M, Pothakos K, Novikova L, Smirnova IV, **Kurz MJ**, Stehno-Bittel L, Lau YS (2007). Endurance exercise promotes cardiorespiratory rehabilitation without neurorestoration in the chronic mouse model of Parkinsonism with severe neurodegeneration. *Neuroscience*. 149(1):28–37.

Befort, C.A., Thomas, J.L., Daley, C.M., **Rhode, P.C.**, & Ahluwalia, J.S. (2008). Perceptions and beliefs about body size, weight, and weight loss among obese African American women: A qualitative inquiry. *Health Education and Behavior*, 35(3), 410–426.

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Ely, A.C., Banitt, A., Befort, C., Hou, Q., **Rhode, P.C.**, Grund, C., Greiner, A., Jeffries, S. & Ellerbeck, E. (2008). Kansas Primary Care Weighs In: A pilot randomized trial of a chronic care model program for obesity in three rural Kansas primary care practices. *Journal of Rural Health*, 24, 125–132.

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- Gazda, D.B., Schultz, J.R., **Clarke, M.S.F.** (2008) Liquid Metering Centrifuge Sticks (LMCS): A Centrifugal Approach to Metering Known Sample Volumes for Colorimetric Solid Phase Extraction (C-SPE). *SAE Transactions-Journal of Aerospace* (in press).
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Book Chapters

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Books

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Technical Reports

Olvera, N. BOUNCE Lite: A Healthy Lifestyle Summer Program for Minority Girls and Mothers. Report submitted to the Oliver Foundation, Nov 14, 2007.

Colwell, B., **Smith, D.W.** Settling the Smoke 2006: A Status Report on Smoking in the El Paso del Norte Region. El Paso, Texas: Paso del Norte Health Foundation, Center for Border Health Research. Fall 2007.

Pruyn, M. and **Smith, D.W.** Begin at Birth Initiative for the Paso del Norte Health Foundation Evaluation Report. El Paso, TX: Paso del Norte Health Foundation. Fall 2007.

Smith, D.W. End of Year Report for the Texas Youth Tobacco Awareness Program: Ctl, Alt, Del the Addiction. Austin, TX: Department of State Health Services. Fall 2007.

Other Publications

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Funding

Gingiss, PM. Texas Tobacco Prevention and Control Research and Evaluation Project FY 2008 Renewal. Texas Department of State Health Services. \$150,000.00. Principal Investigator.

Olvera, N. (Principal Investigator), **Smith, D, Bush, J.A.** (Co-Investigators) and Lee, C.(Principal Investigator, contractor). Urban Hispanic Perceptions of Environment and Activity among Kids (UH-PEAK). Robert Wood Johnson Foundation. (\$150,000.00). January 2008–June 2009.

Smith, D.W. Tobacco Use Cessation Among Youth and Young Adults. Department of State Health Services, \$49,995, September 2007–August 2008.

Pearson, D. W. The Perceived Social and Cultural Significance of U2 Rodeo. African American Studies Faculty Development Program, University of Houston.

Awarded: June 10, 2008. Award Amount: \$1,300.00.

Layne, C.S., McFarlin, B.K., O'Connor, D.P., Lee, R.E., Horn, C. University of Houston Faculty Development Initiative Program (Technology Recruitment and Retention). Using Digital Communities to Enhance Student Persistence and Retention. September 2008–December 2010. \$30,000 (0% IDC).

Lee, R.E , McFarlin, B.K., O'Connor, D.P., Layne, C.S.,Horn, C. The USC Network Culture Project. The Texas Obesity Research Center in Second Life. (Co-Investigator; Principal Investigator Rebecca E. Lee). August 2008–October 2008. 300,000 lindens* (Second Life currency). (0% IDC).

Lee, R.E. Summer Undergraduate Research Fellowship Mentor (\$500). Student: Terri Alvarez (\$2,500).

Lee, R.E. Texas Heart Disease and Stroke Prevention System "2008 State Plan Conference" Invited delegate (scholarship awarded).

Rhode, P.C. University of Houston Provost's Faculty Travel Award, \$750.00.

Layne, C.S. Enhanced Development of the Office of Scientific Data Review and Dissemination, Task Order 15, \$79,252.

Martinez, D.A. National Aeronautics and Space Administration-NSBRI Supplement Grant BL00001. Submitted 8/2007. Title, "*The expression of extracellular matrix & growth factor genes in the regulation of dense fibrous connective tissues: The impact of an exercise re-loading paradigm on rat tendon and ligament during hindlimb unloading.*" Awarded 9/04/07, \$60,747.00 1 year, (\$40,770.00 Total, \$19,977.00 IDC, budget and funds to be delivered 12/2007) Role: P.I.

O'Connor DP, \$89,933 plus (\$44,067 IDC) Joe W. King Orthopedic Institute. Measurement and analysis of clinical and patient-oriented outcomes in orthopedic surgery. December 2007–November 2008. Role: P.I.

Clarke, M.S.F. (P.I.) **O'Connor, D.P.** (Co-I). NASA-NRA-HRP 2007 Project Title: Monitoring of Biomarkers of Bone Loss in Human Sweat - a non-invasive, time efficient means of monitoring bone resorption markers under micro and partial gravity loading conditions. Role: P.I. (Funded — Direct \$486,556, Indirect \$232,553).

Olvera, N. (PI) BOUNCE Lite; A Healthy Lifestyle Summer Day Camp for Hispanic and African American Girls. Oliver Foundation (\$5,000), ARAMARK (in kind \$7,500) Summer 2008.

Pearson, D.W. (2008, April). Faculty Technology Support Program Award.

Martinez, D.A. NASA-NSBRI: Awarded 04/02/08. Title: "*Contributors to Long-Term Recovery of Bone Strength following Exposure to Microgravity.*" Harry Hogan, P.I., Texas A&M, Susan Bloomfield, Co-PI. Total Submitted Award: \$1,023,379.00; Direct Costs: \$796,189.00 + Indirect Costs: \$227,192.00 (3 years), University of Houston Subcontract (3 years): Total Costs: \$264,401.00, Direct Costs: \$177,450.00 + Indirect Costs: \$86,951.00. Role: Co-PI.

McFarlin BK, and Yukel E. Examination of pre-adipocyte and macrophage viability following liposuction and dissection removal of subcutaneous adipose tissue. Funded by NovaLash Inc. Direct: \$117,865, Indirect: \$11,788 (10% sponsor restricted). Role: P.I.

Olvera, N. BOUNCE-Lite: A Healthy Lifestyle Summer Day Camp for Hispanic and African American Girls. St. Luke's Episcopal Health Charities Foundation (\$20,800), July 2008–June 2009. Role: P.I.

Submitted for Funding

Olvera, N. (PI) Healthy Living Harris County's Built Environment Summit. Houston Architecture Foundation (\$10,000). October 2008.

McFarlin BK, Layne CS, and O'Connor D. Use of the Second Life Virtual World as an instructional tool to deliver an anti-obesity curriculum. Submitted to HASTAC Digital Media and Learning Competition, October 2007 (Direct: \$86,960; Indirect: \$13,040).

Kurz MJ (100%). Complexity of the Aging Motor System. GEAR. (Direct \$25,734, Indirect \$0).

Kurz MJ (100%). Influence of Parkinson's Disease on the Regularity of the Gait Dynamics. American Parkinson's Disease Foundation. (Direct \$41,225. Indirect: \$0).

Kurz MJ (100%). Influence of Parkinson's Disease on the Regularity of the Gait Dynamics. National Parkinson's Foundation. Direct \$49,195, Indirect: \$0).

McFarlin BK (PI, 100%), Bray MS, and Simpson R. Factors Predicting Chronic Inflammation, Obesity, and the Exercise Response. Submitted to NIH-R01 A1 Direct: \$750,000, Indirect: \$280,272 (49%). Submitted March 2008.

McFarlin BK (PI, 90%) and **O'Connor DP** (10%). The long-term cardiovascular and inflammatory consequences of weight cycling in mice. South Central Affiliate of the American Heart Association (AHA). Direct: \$127,272, Indirect: \$12,728 (10% sponsor restricted). Submitted January 2008.

McFarlin BK (PI UH Subcontract, 100%) and Jackson AS. Training and Genetics of the Exercise Response: TIGER 2. NIH-R01 (flow through subcontract for UH from the Baylor College of Medicine) A1 Submission. Direct (UH sub): \$773,365, Indirect: \$378,949 (49%), Submitted March 2008.

Martinez,D.A., NIH National Institute of Aging, National Institute of Arthritis and Musculoskeletal and Skin Diseases – Submitted: June 1, 2008. Title: “*Exercise mitigation and regulation of age-induced remodeling in the heart.*” John Lawler, Ph.D. PI. Total Submitted Award (5 years): \$3,316,716.00 Role: Consultant.

McFarlin BK (PI, 100%) and Ghose R. “Does Weight Cycling increase Systemic Inflammation and Disease Risk” American Diabetes Association (ADA) Career Development Award Program. Submitted 7/1/08 (Direct: \$775,00; IDC: \$116,500).

Ghose R and **McFarlin BK** (Co-I, 30%). “Does excess adiposity influence liver drug metabolism?” American Diabetes Association, New Investigator Grant Program. Submitted 7/1/08 (Subaward Direct: \$51,394, Subaward IDC: \$7,709).

McFarlin BK. “Does weight gain affect systemic and tissue inflammation differently?” The Obesity Society. New Investigator Grant Program, Letter of Intent Submitted 6/1/08 (Direct: \$25,000; IDC: \$0).

R. Matalon, G.Bhatia, **K. Michals-Matalon**. Mid-Atlantic Connection for Phenylketonuria and Allied Disorders (MACPAD) Double blind, placebo control study on the effects of LNAA on treated phenylketonuria. Pilot study \$67,000.

Lee, R.E. Neighborhood environment and physical activity of Hispanic-American preschoolers. Subaward from Baylor College of Medicine, Ester Cerin, PI. \$55,130.

Lee, R.E. Social contextual and environmental predictors of PA in sedentary, minority adults. Subaward from MD Anderson Cancer Research Center, Lorna McNeill, PI, \$365,670.

Lee, R.E. Worksite technology to increase PA in women of color. \$1,349,015.

Rhode, P.C. (PI) “Back to Basics: An Exercise, Wellness and Nutrition Pilot Study,” (pending). Sisters Network, Inc., \$10,000.

McFarlin, BK (PI UH Subcontract, 100%) and Simpson R. Building Bridges to reduce Obesity in Young Minority College Students. NIH-R18 (flow through subcontract for UH from Baylor College of Medicine). Direct (UH): \$227,895, Indirect: \$111,668 (submitted April 2008).

Martinez, D.A. NIH—National Institute of General Medical Sciences. Bridges to the Baccalaureate (R25) Proposal Program - PAR 02-084, Application 1 R 25 GMO78659-01. Submitted: January 18, 2008. Title: “*Houston Integrated Life and Behavioral Sciences Research Education Program.*” Marco J. Mariotto, Ph.D., P.I. Project will begin December 1, 2008 if awarded. Total Submitted Award (5 years): \$377,134.00. Role: Co-I.

Martinez, D.A. NFL Charities Grant: Title: “*The Impact of IGF-1 Gene Therapy and Extracellular Matrix Molecular Anchors to Improve Knee Ligament Wound Repair.*” Role: D.A. Martinez, UH-HHP/BIOE PI., D. Zimmerman, UH-Mechanical Engineering, Co-PI. \$125,000.

Lee, R.E. Elimination of Health Disparities through Translation Research (R18). *Worksite innovation to promote physical activity among women of color* in response to RFA-CD-08-001(Direct \$906,039, Indirect \$443,960, 3 years).

Clarke, M.S.F. (PI) NIH-NIAMS-RO3 Circulating Markers of Exercise-Induced Muscle Damage in Humans. D.P. O’Connor (Co-I). (Total Funds requested \$149,000).

Martinez, D.A. NASA-NSBRI-Step-2 NRA; Submitted: 12/14/2007. Title: Contributors to Long-Term Recovery of Bone Strength following Exposure to Microgravity.” “Research and Technology Development to Support Crew Health and Performance in Space Exploration Missions.” Susan Bloomfield, P.I., Texas A&M, Total Submitted Award: \$1,023,379.00; Direct Costs: \$796,189.00 + Indirect Costs: \$227,192.00 (3 years), University of Houston Subcontract (3 years): Total Costs: \$264,401.00, Direct Costs: \$177,450.00 + Indirect Costs: \$86,951.00. Role: Co-PI.

McFarlin, BK. Lifespan Inflammatory and Health Implications of Weight Cycling. Submitted to American Federation for Aging Research (AFAR) on December 12th, 2007. (Direct: \$60,000; IDC: N/A).

Martinez, D.A. NASA-NSBRI-Step-2 NRA; Submitted: 12/14/2007. Title: “The impact of re-loading and exercise on the repair of adult rodent knee ligaments during simulated microgravity.” Total Submitted Award (4 years): \$1,026,203.00; Direct Costs: \$681,751.00 + Indirect Costs: \$344,452.00. Role: PI.

McFarlin ,BK (90%) and **O’Connor, D** (10%). The Long-term Inflammatory and Cardiovascular Consequences of Weight Cycling in Mice. Submitted to American Heart Association—South Central Affiliate on January 9th, 2008 (Direct: \$127,272; IDC: \$12,728).

Martinez, D.A. National Science Foundation, NSF:0650822. 1/1/08–12/31/11. Title: “*Laser Engineered Multilayer Bioactive Coatings with Hydroxyapatite Nano-Powders.*” Purdue University, Department of Industrial Engineering, West Lafayette, IN. Gary Cheng, P.I., Awarded \$300,000.00, 3 years. Sub-Contracts to 2 Laboratories at UH, Chengzhi Cai, Department of Chemistry (\$43,555.00 Total); CTPL (\$59,421 Total, \$39,880.00 Direct, \$19,541.20 IDC). Role: Co-I.

Layne, CS. Smart Injury Diagnostic Device for Mission-Critical Medical Care. NASA—National Aeronautics and Space Administration. Phase II proposal requested, sub recipient of Rice University, December, 2007, (Direct: \$161,880; Indirect: \$79,321.29), Co-Investigator.

Layne, CS and Forth, KE. Foot Pressure: a low cost, low payload muscle atrophy countermeasure. NASA—National Aeronautics and Space Administration. September, 2007 (not funded).

Martinez, D.A. NIH-NIAMS. Submitted: 7/2007. National Institutes of Health, National Institute of Arthritis and Musculoskeletal and Skin Diseases Title: “*Exercise Regulation of Apoptosis in the Aging Heart.*” John M. Lawler, P.I., Texas A&M, Joseph Starnes, University of Texas, Holly Van Remmen, UTHSC San Antonio, Co-I’s. Christian Leeuwenburgh (Consultant), Department of Aging and Geriatrics, Division of Biology of Aging, University of Florida, College of Medicine, Balvin H.L. Chua (Consultant), Department of Geriatric Medicine and Gerontology, James H. Quillen School of Medicine, East Tennessee State University, Submitted Award: \$1,250,000.00 (5 years), Role: Consultant Collaborator.

Kurz, MJ. Influence of Aging on the Complex Variations Present in Gait. American Federation for Aging Research (Direct \$59,261; Indirect \$0).

Butte, N. (Principal Investigator). Energy Balance of Obesity Treatment in Hispanic Children. National Institutes of Health (\$3,471,673). **Olvera, N.** and **Bush, J.A.** (Subcontract: \$367,459; IDC: \$120,842). Dec 2008- Nov 2013.

Research Presentations

Alastuey, L. “Will cardiovascular disease happen to you?” Texas Association of Health, Physical Education, Recreation, and Dance (TAHPERD) Annual Convention, Galveston, TX, November 29, 2007.

Alastuey, L. and Archer, K. “Sleepless in America: How it’s affecting your health.” American Association of Health, Physical Education, Recreation and Dance (AHPERD) Annual Convention. convention, Fort Worth, Texas April 11, 2008.

Arrellano CJ, Layne CS, O’Connor DP, Scott-Pandorf M, Kurz MJ. Increased Inertial Forces Reduces Locomotive Stability. North American Congress on Biomechanics 2008; August 5–9, 2008; Ann Arbor, Michigan.

Banda, JA, Layne, CS, Lee, RE. Accelerometry to Measure Moderate and Vigorous Physical Activity in Obese African American Women. *Obesity*, 15(9), A226, Presented at the North American Association for the Study of Obesity, New Orleans, LA, October, 2007.

Brinker MR, **O’Connor DP.** Ilizarov: Past, Present, and Future. 51st Annual Edward T. Smith Orthopaedic Lectureship: Frontiers in Orthopaedic Trauma, October 26, 2007; Houston, Texas.

Brinker MR, **O’Connor DP,** Monla YT, Earthman TP. Metabolic and Endocrine Abnormalities in Patients with Nonunions: Have We Been Missing the Boat? 23rd Annual Meeting of the Orthopaedic Trauma Association; October 18, 2007; Boston, Massachusetts.

Curtis, R.L. & **Pearson, D.W.** (2007, March). Retentions of racism in the media: A content analysis of African American males in sport films since 1990. Paper presented at the Southwest Sociological Association Meetings, Las Vegas, NV.

Edwards L.C., Layne, C.S. “Orthosys Dynamic weight bearing in spinal cord injured individuals. TAHPHERD 2007. Poster Presentation, College Division, Research Section. Awarded best Graduate Student poster.

Gingiss, P. and **Alastuey, L.** “Hurricane Rita: Educator perceptions of student and personal stress-related needs.” American Association of Health, Physical Education, Recreation and Dance (AHPERD) Annual Convention. Fort Worth, Texas, April 9, 2008.

Hitzig SL, Boschen K, Hunter JP, Katz J, Craven BC, Tonack M, Rapson L, Petrie S, Walker KD, Ballantyne EC, **Thrasher TA**, Popovic MR. Spinal Cord Injury Pain and Quality of Life Research Initiative. Workshop presented at the 15th Interurban Spinal Cord Injury Conference, Hamilton, Canada, October 25–26, 2007.

Hickman TN, McKenzie LJ, Clark MK, Brinker MR, **O'Connor DP**, Schoolcraft, WB. Are We Justified in Transferring More Embryos in Older Women? American Society for Reproductive Medicine 63rd Annual Meeting; October 13–17, 2007; Washington, DC.

Hurst, J. J., & **Pearson, D. W.** (2007, November). Fitness and Fun: Age-Appropriate Exercise Activities. Presentation at the Texas Association for Health, Physical Education, Recreation and Dance, Annual Convention, Galveston, TX.

Knoblauch MA, O'Connor DP. Relative Cost Effectiveness of ECG Screening Male and Female Athletes in High School Preparticipation Physical Examinations in Texas National Athletic Trainers' Association; June 17–21, 2008; St. Louis, Missouri.

Kurz MJ, Pothakos K, Jamaluddin S, **Scott-Pandorf M, Arellano C.**, Lau YS (2007). A chronic mouse model of Parkinson's disease has a reduced gait pattern certainty. Society for Neuroscience, San Diego, California, November 5, 2007.

Layne, C.S., Kurz, M.J., Pourmghaddam, A., Dettmer, A., Hickerson, A. Parkinsonian Gait: Neuromuscular Adaptations to Increasing Speed. Annual meeting of Society of Neuroscience, San Diego, CA, November, 2007.

Layne, C.S. and **Korman, S.** Center for Wellness Without Borders. Annual meeting of the American Association for Health, Physical Education, Recreation and Dance (AAHEPHRD), April, 2008, Ft. Worth, TX.

Lee, J.T., **Smith, D.W.**, Colwell, B. & Stevens-Manser, S. Modeling Within—State Autic/Alloic Alignment as Motive in Adolescent Tobacco Cessation, Instrumentation in Reversal Theory Biennial Meeting, Reversal Theory Society, Baton Rouge, LA, January 2008.

Lee, J.T., **Smith, D.W.**, Colwell, B. & Stevens-Manser, S. A Comparison of Two Methods for Examining the Structure of an Adolescent Tobacco Cessation Resource, Society for Research on Nicotine and Tobacco Annual Meeting, February 2008.

Lee RE, Cubbin C, Reese-Smith JY, **Banda JA.** Neighborhood Factors and Physical Activity in Women of Color. *Annals of Behavioral Medicine.* 2008, 35: s175. Presented at the annual meeting at the Society of Behavioral Medicine. March 2008. San Diego.

Mama SK, Cubbin C, Banda JA, Lee RE. Dichotomy in Body Image Perceptions of African American Women. *Annals of Behavioral Medicine.* 2008, 35: s215. Presented at the annual meeting at the Society of Behavioral Medicine. March 2008. San Diego.

Matalon, K., Parton, PG., Bhatia, G., Matalon, R. Large neutral amino acids to lower blood phenylalanine in phenylketonuria. *Pediatric Academic Societies/Society Pediatric Research (PAS/SPR) 3747.3:* 81, 2008. May 3–5, 2008. Honolulu, Hawaii.

Matalon R, Bhatia G, **Michals-Matalon K**, Zinzer W, Tying S. Treatment of ADHD with Tetrahydrobiopterin (BH4). Society for Inherited Metabolic disorders (SIMD), California, March 2–5, 2008.

Matalon, R., Bhatia, G., **Michals-Matalon, K.**, Zinzer, W., Tying, S. Treatment of ADHD with tetrahydrobiopterin (BH4). *Molec. Gene. Metab.* 93:256, 2008. Presented at the meeting of the Society for Inborn Metabolic Disorders, March 3, 2008, Pacific Grove, CA.

Matalon R, Bhatia G, Campbell C, Surendran S, Grady J, **Michals-Matalon K**, Tyring K, Kaye E, Cheng S. Mouse Pompe disease: Enhancement of enzyme replacement with Hyaluronidase. Annual Clinical Genetics Meeting, March 21–25, 2007, Nashville, TN.

McAlexander KM, Lee RE. Obesity Prevalence and Physical Activity Resource Features Among Low-Income African Americans. Presented at the Intercultural Cancer Council/ Baylor College of Medicine. April 2008, 11th Biennial Symposium, Washington DC.

Michals-Matalon, K., Bhatia, G., Grady, J., Tyring, S., Matalon, R. Experience with long term use of LNAA in the treatment of phenylketonuria. *Molec. Gene. Metab.* 93: 256, 2008. Meeting of the Society for Inborn Metabolic Disorders, March 4, 2008, Pacific Grove, CA.

Michals-Matalon K, Ghatia G, Grady J, Tyring S, Matalon R Experience with Long Term Use of LNAA in the Treatment of Phenylketonuria. Presentation at Society for Inherited Metabolic disorders (SIMD), California, March 2–5, 2008.

Miyatani M, Kawashima N, Masani K, **Thrasher TA**, Popovic MR. Oxygen uptake during FES treadmill walking: case study. 12th Annual Conference of the International Functional Electrical Stimulation Society, Philadelphia, PA, November 10–14, 2007.

Olvera, N., Lee, C., **Bush, J.A., Smith, D.**, Taylor, W., Lee, Y., & Jones-Wood S. (April, 2008). Urban Hispanic Perceptions of Environment and Activity in Kids (UHPEAK) Study. Poster presented at the annual meeting of the Active Living Research, Washington DC.

Pearson, D. W. (2007, October). A Contemporary Colloquium. Presentation at the North American Society for the Sociology of Sport, Annual Conference, Pittsburgh, PA.

Pearson, D. W., Harrison, C. A., & Crawford-Penright, A. (2007, November). Minorities and Sport Management: A Glimpse at Successful Entrepreneurship. Presentation at the Texas Association for Health, Physical Education, Recreation and Dance, Annual Convention, Galveston, TX.

Pourmghaddam, A., Layne, C.S., Kurz, M.J, Dettmer, A., Hickerson, A. Lower Limb Neuromuscular Cocontraction during Treadmill Locomotion. Annual meeting of Society of Neuroscience, San Diego, CA, November, 2007.

Rhode, P.C., Dutton, G.R. Martin, P.D., Ryan, D.H. & Brantley, P.J. (2008). Stress and self-efficacy predict poor dietary patterns in weight regain. Paper to be presented at the 2008 Annual Scientific Meeting of The Obesity Society, Phoenix, AR, October 2008.

Rhode, P.C., Gingiss, P.M. & Pfefferbaum, B. (2008). Validation of the Short Post-Traumatic Stress Disorder Rating Interview (SPRINT) in a Multiethnic Sample of Middle and High School Students. Poster to be presented at the 42nd Annual Convention, Association of Behavioral and Cognitive Therapies, Orlando, FL, November 2008.

Scott-Pandrof M, O'Connor DP, Layne CS, Josic K, Kurz MJ. Locomotion Stability in Simulated Martian Gravity: Insights on the Influence of Load Location. North American Congress on Biomechanics 2008; August 5–9, 2008; Ann Arbor, Michigan.

Thrasher TA. “Provoking new locomotor patterns using Functional Electrical Stimulation in incomplete Spinal Cord Injury,” Invited lecture at the 27th Congress of the International Society of Electrophysiology and Kinesiology, Niagara Falls, Canada, June 18–21, 2008.

Zamani N, **Thrasher TA.** Reducing the risk of pressure ulcers in spinal cord injured individuals using neuromuscular electrical stimulation. 8th Annual Houston Premedical Academy Research Symposium, Houston, TX, 01/30/08.(1st Place, Student Poster).

Invited Professional Presentations

Gingiss, PM. Capacity building to implement prevention programs. 44th Annual Texas Department of State Health Services Prevention Providers Meeting, Austin, TX. November 14, 2007.

Gingiss, PM. Building school capacity to implement ATOD programs: *Positioning for Success* background. 2007 Texas Department of State Health Services Prevention Tobacco Workshop., Austin, TX. October 17, 2007.

Kurz MJ. Parkinson's Disease Gait Dynamics. Center for Neuroengineering and Cognitive Sciences, University of Houston, November 15, 2007.

Kurz MJ. Parkinsonian Gait Dynamics. Texas A&M University, College Station, October 19, 2007.

Kurz MJ. Determinants of Gait Stability. Texas Learning and Computational Center, University of Houston, September 14, 2007.

Olvera, N. BOUNCE: Obesity Prevention Programs for Minority Girls and Mothers (Nov, 2007). Combating Childhood Obesity: Prevention is Better than Cure sponsored by the Department of Human Services and Consumer Sciences, Texas Southern University.

Thrasher TA. "The Biomechanics of Sitting" and "Recovering function after Spinal Cord Injury," Invited lectures at Universidad Iberoamericana, Espacio Biomédico 2007, Jornada de Ingeniería Biomédica, November 6–8, 2007.

Lee, R.E. *Striding toward Social Justice: Community Based Physical Activity Promotion Partnering with African American Women.* Invited Panelist. Workshop on Community Based Participatory Research. Annual meeting at the Society of Behavioral Medicine. March 2008. San Diego.

Martinez, D.A., "The Impact of Load and Growth Factors on Ligament Wound Healing." College of Pharmacy, Department of Pharmacological and Pharmaceutical Sciences, University of Houston, Houston, TX, October, 2007.

Lee, R.E. Sandra A Daugherty Foundation Awardee *Invited Symposium. Findings from the Understanding Neighborhood Determinants of Obesity Kansas City Studies.* American Heart Association Council on Epidemiology and Prevention Annual Conference. March 2008, Colorado Springs.

Lee, R.E., Co-Leader, Parks and Trails Break Out Session. Annual Conference of the Robert Wood Johnson Foundation Active Living Research Grantees, April 2008, Washington DC.

Alastuey, L. "Health Quackery." Pounds for Pounds, Star of Hope Missions, University of Houston, March 7, 2008.

Olvera, N. Promoting Healthy Food Choices and Physical Activity in Minority Preadolescents (April, 2007). Latino Faculty, University of Houston, Houston Texas.

Olvera, N. Health-Related Fitness Changes on Minority Preadolescents: The BOUNCE Lite Summer Program (March, 2007). Hispanic Health Coalition, Houston Texas.

Rhode, P.C. Behavioral Intervention Approaches for the Management of Adult Obesity. To Family and Community Medicine residents and faculty, Tulane University School of Medicine and Louisiana State University Health Sciences Center, New Orleans, LA., (2008).

Smith, D. Caraballo, R., Sharp, B. US Perspectives. Segundo Foro México-Estados Unidos de Políticas de Tabaco y Salud, Dc. Juarez, Chihuahua, October 2007.

Achievements and Milestones

Bloom, J. Pasadena Bicycle Safety Training for Middle School Fitness/Wellness Teachers: <http://www.biketexas.org/content/view/943/71/>.

Bloom, J. Re-appointed as Editor for the Physical Education Division of the TAHPERD Journal [Journal of the Texas Association for Health, Physical Education, Recreation and Dance].

Lee, R.E. Track Chair for the Environmental and Contextual Factors in Health and Behavior Change Track for the 2008, annual meeting of the Society of Behavioral Medicine.

Bloom, J. Re-elected Chair of the University of Houston Undergraduate Council.

Martinez, D.A. Scientific Committee of the Association Française contre les Myopathies, International Grant Reviewer. AFM Institut de Myologie Bâtiment Babinski Groupe Hospitalier Pitié-Salpêtrière 47-83, bd de l'Hôpital 75013 PARIS FRANCE 12/2007.

Martinez, D.A. NIH Study Section Member: Special Emphasis Panel/Scientific Review Group, Physiology and Pathophysiology of Organ Systems, 2007/01 Council ZRG1 F10-H 20, Washington, D.C. 11/5-6/2007.

Rhode, P.C. Invited Scientific Track Chair, Society of Behavioral Medicine Annual Meeting and Scientific Sessions, 2008.

Bloom, J. Ride leader and presenter for the cycling biomechanics seminar @ the Tour de TAHPERD bike tour- Galveston Tx. Dec.2, 2007.

Olvera, N. Peer Review Panel Member, the Centers for Disease Control and Prevention (CDC) Public Health Research Dissertation Awards (R36), Nov 2007.

Alastuey, L. Health Division Vice President, TAHPERD, 2007.

Scherezade Mama was awarded the Susan G. Sampson Endowed Scholarship for academic excellence at the UT School of Public Health.

Olvera, N. Board Member, Houston Hispanic Health Coalition (2007-present).

Olvera, N. Review panel, Hispanic Heritage Scholarship- Houston Chapter, 2007.

Olvera, N. Healthy Walk, sponsored by the Community Family Centers (November 10, 2007).

Olvera, N. NUESTRA VIDA, NUESTRA FAMILIA, Latino Children's Health Fair, sponsored by UNIVISION, (October 14, 2007).

Olvera, N. Alastuey, L. GET UP & GET UP MOVING Fair, sponsored by Houston Hispanic Health Coalition. (November 3, 2007).

O'Connor DP. Vice President, Southwest Athletic Trainers' Association, 2007-2008.

O'Connor DP. Chair, Governmental Affairs Committee, Texas State Athletic Trainers' Association, 2007-2008.

Rhode, P.C. Scientific Track Chair, Society of Behavioral Medicine Annual Meeting and Scientific Sessions, March 2008, San Diego.

Treviño, R.A. National Commissaire (national-level official), USA Cycling has been assigned to officiate the following races:

- UCI World Cup Track in Los Angeles as an assistant official
- Garrett Lemire Memorial Criterium in Ojai, CA as the Chief Referee
- Commerce Bank Allentown Road Race in Allentown, PA as a road commissaire
- Commerce Bank Championships in Philadelphia, PA as a road commissaire
- Tour of Pennsylvania as a road commissaire
- Junior Track National Championships in Los Angeles as the Starter

Bush, J.A. elected Fellow of the American College of Sports Medicine.

Bush, J.A. Chairperson of Committee, UH FDIP Grant Program oversee reviews of FDIP grant awards, Spring 2008.

Bode, S. named American Dietetic Association Outstanding Dietetics Educator, 2007–2008.

Bush, J.A. Book Reviewer: Exercise is Medicine: A Clinician's Guide to Exercise Prescription, Spring 2008.

Rhode, P.C. Paper Session Chair, Society of Behavioral Medicine Annual Meeting and Scientific Sessions, March 2008, San Diego.

McFarlin, B.K. named director of public relations for Texas chapter of American College of Sports Medicine.

McFarlin, B.K. named the 2008 American College of Sports Medicine New Investigator of the Year.

McFarlin, B.K. named interim chair of UH GPSC Policy Subcommittee.

McFarlin, B.K. awarded the 2007–2008 University of Houston Teaching Excellence Award.

Martinez, D.A. NASA Grants Peer Review Panelist: NASA Bion M1 Biospecimens Program, NASA Headquarters, 500 E Street, SW, Suite 200, Washington, DC, May 7th–8th, 2008.

Martinez, D.A. NIH Study Section Member: Special Emphasis Panel/Scientific Review Group, Physiology and Pathophysiology of Organ Systems, 2008/01 Council ZRG1 F10-H 20, Washington, D.C., March 2008.

Olvera, N. participated by invitation-only in conference on Study Designs and Analytic Strategies for Environmental and Policy Research on Obesity, Physical Activity, and Diet. Co-sponsored by the National Institutes of Health, CDC, and Active Living Research, April 8, 2008, Washington DC.

Olvera, N. Review panel, Hispanic Heritage Scholarship- Houston Chapter, 2008

Bloom, J. June: Directed the 2nd Annual Senior Aquatics Festival –Mayor's Wellness Council event—HHP sponsorship, June 2008.

Bloom, J. Pre-race keynote address Can Care Prostate Cancer Survivor 10K race. Houston Texas , July 2008.

Bloom, J Speaker : “Exercise & the Diabetes 2 Patient” Memorial Hospital Patient Education Program. Memorial City location., July, 2008.

Lee, R.E. named to editorial board of the International Journal of Women's Health

Treviño R. Commissaire (referee) and jury member for the Triple Crown of professional cycling in Philadelphia, PA.

Treviño R. Starter and jury member for the USA Cycling Junior Track National Championships in Los Angeles, CA.

Treviño R. Upgrade Coordinator for the Texas Bicycle Racing Association

Treviño R. named to the USA Cycling Officials Education Team which will develop learning modules and upgrade criteria for the development and progression of its newest officials.

Lee, R.E. College of Education Research Excellence Award.

Layne, C.S. Scientific abstract reviewer for National Center for Human Performance annual meeting.

Layne, C.S. named Assistant Dean for Strategic Planning, College of Education, University of Houston, August, 2008.

McFarlin, B.K. renewal of NIH Health Disparities Researcher LRP.

Rhode, P.C. Invited Scientific Track Chair, Society of Behavioral Medicine Annual Meeting and Scientific Sessions, to be held April 2009, Montreal, Canada.

Andrew “Tony” Jackson – College of Education Mentor Award, 2008.

Publicity

Kurz MJ, Discovery Channel, Daily Planet, Walk Like a Penguin, Oct 17, 2007

Scott-Pandorf M & Kurz MJ. Discovery Channel, Daily Planet, Cosmic Carry-on, Oct, 2007.

Scott-Pandorf M. UH web-site Features: Making our Mark, “Walking Tall,” Nov 6, 2007.

Lee R.E. Letter to the editor: Today’s ballot especially important for cancer victims. The Daily Cougar, November 6, 2007.

Olvera, N. UNIVISION NEWS Interview, Spokesperson for the GET UP & GET MOVING Fair, Sponsored by Houston Hispanic Health Coalition, November 3, 2007).

Cruz, M. Donors swap food for fitness. The Daily Cougar, p.6. Mention of **Rebecca Lee, Kristen McAlexander** and the **Texas Obesity Research Center**, 2008, March 11.

Lee, R.E. “Women Dance their Way to Fitness with Salsa” Texas Medical Center News June 15, 2008.

Bush, J.A. featured in a series of exercise videos in the health section of the Houston Chronicle.

Lee, R.E. “Saving Lives Staying Active: SALSA UH Study Urges Healthy Eating, Physical Activity With a Latin Beat:



Marius Dettmer (left) demonstrates the suspension system used by Melissa Scott-Pandorf (right) in her research on stability locomotion.

Researchers partner with M.D. Anderson Cancer Center to SALSA". University of Houston Press Release, May 27, 2008.

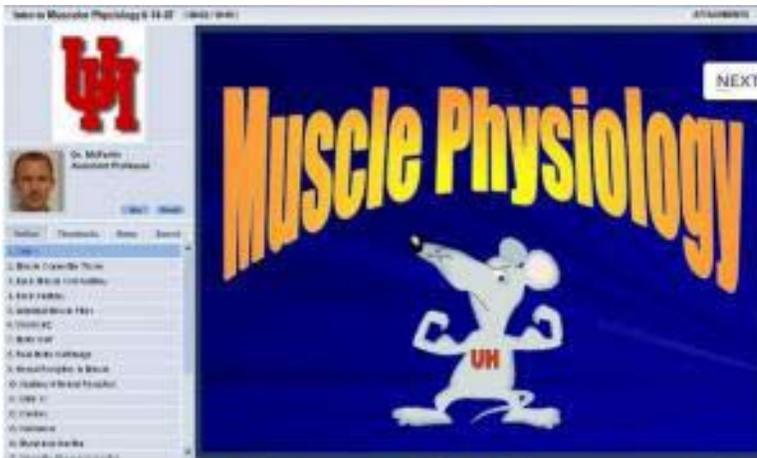
Lee, R.E. "UH STUDY URGES HEALTHY EATING, PHYSICAL ACTIVITY WITH A LATIN BEAT," Houston Chronicle Chron.commons, June 2008.

Lee, R.E. "Fat people get online chance to lose weight" San Francisco Chronicle, August 8, 2008.



Dr. Bush demonstrating lunges

McFarlin, B.K. online Kinesiology course was featured on KPRC Local 2 news, April 16, 2008.



Screen shot from article on Dr. McFarlin's online course

McFarlin, B.K. online Kinesiology course was featured on multiple educational and scientific websites including Science Daily and Chronicle of Higher Education.

Olvera, N. UNIVISION NEWS Interview, BOUNCE: Obesity Prevention Programs for Hispanics, October 8, 2007.

Issues in Hispanic Children: Preventive Strategies, March 26, 2008.

Olvera, N. PBS/Channel 8. Served as a panel expert to review "Unnatural Causes: is Inequality Making us Sick," sponsored by St. Luke's Episcopal Health Charities, The University of Texas, M.D. Anderson Cancer Center, and Houston Department of Health and Human Services, March 20, 2008.

HHP featured on front page of UH webpage for their #1 ranking by Academic Analytics in the category of Health, Physical Education and Recreation, February 2008.

HHP featured in UH Campus News for their #1 ranking by Academic Analytics in the category of Health, Physical Education and Recreation.

Olvera, N. UNIVISION Interview, Obesity



Dr. Norma Olvera with a BOUNCE participant



TORC Fitness Area in Second Life

Lee, R.E. “Fight the fat in Second Life” *Austin American Statesman*, August 11, 2008.

Lee, R.E. “TORC in SL: International Health Challenge.”

Lee, R.E. Healthy Lifestyles television show DBCC Public Broadcasting, Channel 15, Daytona Beach, FL. Lee featured guest on dietary habits, physical activity and obesity, May 13, 2008.

Layne, C.S., McFarlin, B.K., O’Connor, D.P., Lee, R.E., Horn, C. Second Life, A First For UH Department of Health and Human Performance, UH press release, July, 2008.

Thrasher TA. UH web-site Features: Making our Mark, “Spine Tingler” November 6, 2007.

Inspired by wheelchair-bound athletes, Dr. Adam Thrasher, assistant professor in UH’s Health and Human Performance Department, uses his mechanical engineering knowledge to help prevent pressure sores that ail people who are bedridden or wheelchair-bound.



Image from University of Houston’s website article on Dr. Thrasher’s Research

Student Achievements

Scott-Pandorf M. UH web-site Features: Making our Mark, “Walking Tall,” Nov. 6, 2007

Strohacker KS (Mentor: McFarlin BK). Is weight cycling associated with a more pronounced increase in inflammatory capacity than sustained weight gain. Submitted to Texas chapter of the American College of Sports Medicine on January 9th, 2008 (Direct: \$1,000; IDC: N/A).

Esposito L (Mentor: McFarlin BK). Does aerobic exercise training have a more powerful anti-inflammatory effect than the pro-inflammatory effect of high-fat feeding? Submitted to the Texas chapter of the American College of Sports Medicine on January 9th, 2008 (Direct: \$500; IDC: N/A).

Alley L (Mentor: McFarlin BK). How does high-fat feeding alter blood cholesterol profile and glucose sensitivity in mice? Funded by PURS for Spring 2007.

Amy Van Natta - SURF Fellowship 2008 (Advisor, **McFarlin, B.K.**).

Amy Van Natta - PURS Fellowship Fall 2008 (Advisor, **McFarlin, B.K.**).

Hannan Elquza, Provost’s Undergraduate Research Scholarship (PURS - University of Houston) Fall 2008 (Advisor, Thrasher TA).

Srinivas Pushpala SURF Fellowship 2008 (Advisor, **Kurz, M.J.**).

Fatima Garcia SURF Fellowship 2008 (Advisor, **Kurz, M.J.**).

Basilios Sideris, SURF Fellowship 2008 (Advisor, Martinez, D.A.).

UH Nutrition students **Casey Adams, Camilla Chou, Wai Yee Chui, Madeleina Hayek, Rebecca Kelly, Jenny Koetting, Linda Ninh, Shelley Taylor,** and **Tsz Man Wong** were accepted in the UH Dietetic Internship program.

Kelley Strohacker named to Texas ACSM board as one of two student representatives.

Ygnacio Lopez, III awarded an AGEP Summer Research Fellow.

All 23 HHP majors who took the content portion of the state exam leading to teacher certification passed the state exam.

Outstanding Student Awards

On April 24th the department held a special ceremony to honor our outstanding undergraduate and graduate students. Proud families and friends came to celebrate with these recipients:

Melissa Scott-Pandorf	Ph.D. student
Crystal Benoit	Health Education, graduate
Dana Cruz	Allied Health, graduate
Marilynn Graham	Movement Science, graduate
Jessica Koontz	Physical Education, graduate
Rebecca Kelly	Nutrition, undergraduate
Brett Moody	Sport Administration, undergraduate
Amy Van Natta	Exercise Science, undergraduate
Ashley Hickerson	TAHPERD Student of the Year
Stacie Khalaf	TAHPERD Student of the Year



A very happy Ashley Hickerson shows her award to a friend

Alumni Achievements

Dr. J. David Holcomb was appointed Senior Vice President of Baylor College of Medicine (BCM) and Dean, School of Allied Health Sciences in September, 2007. He is a professor of Allied Health Sciences and Family and Community Medicine at BCM.

UTMB-PT program, class of 2009 Transitional Doctorate of Physical Therapy.

Chris Minicone, David Avelar, Stephanie Pucek, Daniel Rodriguez, Patrick Riley, Jessica Price.

Kolawale Adeyemi, class of 2008 UTMB - Masters of Physical Therapy.

Adrian Fredericks, M.Ed. Manager of Hub Operations Burlington Northern Santa Fe Railway.

Miyuki Terry, M.Ed. Fall '04, Currently teaching at Simms Elementary School (La Marque ISD).

Julian Garcia, HHP Class of '94 currently VP-Elect for the TAHPERD Recreation Division

Tammy Neundorf, HHP Alum. TAHPERD Outstanding Health Educator of the Year.

Katey Forth was featured in multiple newspapers for her role in the development of the iShoe (small sampling includes, CNN, ABC, MSNBC, Fox News, Time, USA Today, Science Daily, NY Daily News) and on the CNN Situation Room television show.

Mike Kueht received a \$100,000 scholarship to attend UTMB from the Crawford and Hattie Jackson Foundation.

New Scholarship

Some alumni and faculty may remember Andrew 'Tony' Jackson, an esteemed professor of measurement and life lessons. This year we established the **Dr. "Tony" Jackson Scholarship** and celebrated its initiation with a bobble head figurine of Dr. Jackson. All donations to this scholarship will go to support HHP students and for your contribution you will receive the bobble head.

If you are interested in contributing to the fund or just want to be the first on the block to have your very own "Tony" Jackson bobble head, please contact **Todd Boutte** at tboutte@mail.coe.uh.edu or 713.743.0571.



Dr. "Tony" Jackson bobble head