

**The Department of Health and Human Performance**  
**College of Education - University of Houston**  
**2002 – 2003 Academic Year**  
**Dr. Charles Layne, Chair**

For the Department of Health and Human Performance, the 2002–2003 academic calendar year can be characterized as one of change. On August 14, 2002 Provost Dr. Edwin Sheridan approved the transfer of the Nutrition Department from the Department of Human Consumer Sciences and Family Studies in the College of Technology, to the College of Education. The practical impact of this transfer is that the department gained two tenured professors, Drs. Kim Matalon and Ira Wolinsky; two clinical professors, Dr. Sharon Bode (Dietetic Internship director) and Mr. Andrew Rorschach; 130 undergraduate students majoring in one of the two Nutrition Didactic degree programs, and 30 nutrition interns.

On September 1, 2002 Dr. Charles Layne became interim department chair. In December he was named chair of HHP by Dr. Wimpelberg, Dean of the College of Education, and Dr. Demetrius Pearson retained his role as associate chair. During the seven-year tenure of interim chairperson Dr. Dennis Smith, HHP made great progress toward fulfilling the Provost's mandate of promoting high quality research productivity in identified research *niches*. Under Dr. Smith's leadership, HHP adopted research niches that included *High Risk Health Behaviors in Youth, including Tobacco and Fitness among Urban Populations*.

The expansion of the department, a result of having acquired the Nutrition program, necessitated the examination of how best to capitalize on preexisting, as well as new strengths. To determine the best “fit” for nutrition programs, Dr. Layne appointed an ad hoc committee to address the reorganization of the department to facilitate intergradation of the nutrition programs into the organizational structure of the department.

As a result of several "open" faculty meetings, it became apparent that the majority of the faculty supported an "integrated" organizational structure with each academic area retaining the dominant influence in their area, but with full departmental committees administering the degrees and programs. This organizational structure was approved by a vote of the faculty in December, 2002.

Ms. Rachel Barron resigned as office coordinator in September, 2002 and was replaced in December by program coordinator, Ms. Joy Wilson.

In October, Dr. Marco Mariotto indicated that the Doctoral degree programs in HHP would be undergoing external reviews and that the Health Ed.D would be first. The external review is scheduled to take place early in the Spring 2004 semester.

In October, Dr. Luc Tremblay joined the faculty as an assistant professor in the motor behavior area.

Professor Pat Buckner retired in December, 2002 after serving as a professor in the department for 33 years.

The Recreation and Intramural programs moved out of the Garrison/Melcher complex in January, 2003. Throughout the Fall, discussions were held with many campus units concerning the future of the Garrison/Melcher complex. These discussions continued throughout the Spring and Summer semesters. At this time, the end product of these discussions is that Garrison Gymnasium will be converted to a Math Emporium; control of the swimming pool will be transferred to Athletics; and HHP will retain control of the

Garrison weight room and the former Recreation offices. The student locker room is to be converted into general purpose classrooms and office space for the new Air Force ROTC program.

The new departmental organizational structure began operating in January, 2003. The administrative structure had been "flattened" such that three committees were designated to administer the degree programs. These committees were named the Undergraduate, MED, and Graduate Research Degree (GRD) committees.

In January Dr. Layne appointed the ad hoc Constitution and By-Laws committee to modify the departmental constitution. Following the work of the committee, "open" faculty meetings were held to obtain feedback. In June, the faculty voted to approve the new constitution that reflected the organizational structure previously agreed upon in December.

In April, Dr. Ira Wolinsky announced his retirement and VMOE appointment. Subsequently the department approved his appointment as Professor Emeritus.

Dr. Dennis Smith's application to full professorship was approved in April, 2003.

In May, Dr. Faith Foreman resigned her position as assistant professor and was reappointed as a clinical professor with teaching.

In June, 2003, Dr. Luc Tremblay resigned his assistant professor position and returned to Canada.

Ed.D. 2002-2003 graduates include: Maria Felicia Cavallini, Gloria J. Green, Lorraine E. Killion, and Gregory Jason Soukup.

M.Ed. 2002-2003 graduates include: Celena Linda Bernal, John Brooks, Carla Jeane Bulla, Georgia Grace Cruz, Anne Marrie Correne Daniel, Darin James Eliot, Adrian B. Fredericks, Megan Elizabeth Labernz, Emma Maria Lindblom, Anu Elizabeth Mathew, Yamelis Ortiz, Hugo Eduardo Oteiza, Kesha Dionne Rector, Timothy Bozoian Riley, Brent Edward Robinson, Laura Ann Rudnick, Robert Frank Schwartz, Marcie Delane Sellars, Stephano E. Meyers, Toni Sheree' Smith, DaTechia Wuanecce Specht, Norma Alicia Ticas, Pamela D. Waller, and Tracy Leigh Wisdom.

Ph.D. 2002-2003 graduates include: Mary Frances Baxter, Juan Gualberto Cremades, Mark D. Gaus, Jay Ted Lee, Lisa Marie Liszcz, and Daniel Patrick O'Connor.

M.S. 2002-2003 graduates include: Julie Nicole Anderson Butcher, Robert Dale Jones, II, Thomas Francis Kennedy, III, Shaheen Ladhani, Augusto Xavier Rodriguez, Andrew L. Hodge, and James Frederick Thompson.

We employed 76 different people throughout the year.

Health and Human Performance department scientific productivity, accomplishments, and awards are presented below.

### Peer Reviewed Articles

1. **Boling W**, Fouladi RT, Basen-Engquist K (2003). Health - Related Quality of Life in Gynecologic Oncology: Instruments and Psychometric Properties. *International Journal of Gynecological Cancer* 13(1), 5-14.
2. **Bush, J.A.**, D.G. Burrin, A. Suryawan, P.M.J., P.M.J, Connor, H.V. Nguyen, P.J.Reeds, N.C. Steele, J.B. van Goudoever, and T.A. Davis. Somatotropin-induced protein anabolism in hindquarter and portal-drained viscera of growing pigs *Am. J. Physiol.* 284(2): E302-312, 2003.
3. **Clarke, M.S.F.**, Vanderburg, C.R. and Feedback, D.L. (2002) The effect of acute microgravity upon mechanically-induced membrane damage and membrane-membrane fusion. *J. Grav. Physiol.*, 8:37-47.
4. Connor, P.M.J., **J.A. Bush**, A. Suryawan, H.V. Nguyen, and T.A. Davis. Insulin and amino acids independently stimulate skeletal muscle protein synthesis in neonatal pigs. *Am J Physiol* 284: E110-E119, 2003.
5. Coull, J, **Tremblay L.**, Elliot, D. Examining the Specificity of Practice Hypothesis: Is Learning Modality Specific? *Research Quarterly for Exercise and Sport*, 72, 2002, 345-354.
6. Davis, T.A., M.L. Fiorotto, D. G. Burrin, R.C. Vann, P.J. Reeds, H.V. Nguyen, P.R. Beckett, and **J.A. Bush**. Acute IGF-I infusion stimulates protein synthesis in skeletal muscle and other tissues of neonatal pigs *Am. J. Physiol.* 283(4): E638-647, 2002.
7. Donahue RE, Fitzhugh EC, **Boling W**, Eddy JM, Leaver-Dunn D, Abbott RL, Chaney JD, O'Rourke T (2002). Using the responsibilities of the health educator to rate journals in the field. *American Journal of Health Studies* 18(1), 5-10.
8. Geiger BF, Petri CJ, **Boling W**, Hartline A, Powers C, and Britton J (2002). Seniors Offering Support Program for Students, Families, and Teachers. *Mentoring & Tutoring* 10 (3), 189-195.
9. **Jackson A.S.**, Stanforth, Gagnon, Rankinen, Leon, Rao, Skinner, Bouchard, & Wilmore (2002). The effect of sex, age, and race on estimating percentage body fat from body mass index: The Heritage Family Study. *International Journal of Obesity*, 26, 789-796.
10. Kagan, VE, Kisin, ER, Kawai, K., Serinkan BF, Osipov AN, Serbinova, EA, **Wolinsky, I**, Shvedova, AA, Towards Mechanism-based Antioxidant Interventions: Lessons from Natural Antioxidants, *Ann. New York Acad. Sci* 200:188-98, 2002
11. **Layne, C.S.**, Forth, K.E., Baxter, M.F., Houser, J.J. Voluntary Neuromuscular Activation is Enhanced when Paired with a Mechanical Stimulus to Human Plantar Soles. *Neuroscience Letters* 334, 75-78, 2002.
12. **Michals-Matalon K**, Platt LD, Acosta PB, Azen C and Wall CA. Nutrient Intake and Congenital Heart Defects in Maternal Phenylketouria. *Am J Obstet Gynecol* 187; 441-4, 2002.

13. Miles MP, WJ Kraemer, DS Grove, SK Leach, K Dohi, **JA Bush**, JO Marx, BC Nindl, JS Volek, and AM Mastro. Effects of resistance training on resting immune parameters in women. *Eur J Appl Physiol* 87:506-508, 2002.
14. Orellana, RA, P.M.J. O., Connor, H.V. Nguyen, **J.A. Bush**, A. Suryawan, M.C. Thivierge, M.L. Fiorotto, and T.A. Davis. Endotoxemia reduces skeletal muscle protein synthesis in neonates. *Am J Physiology* 283(5): E909-E916, 2002.
15. **Pearson, D. W.**, Curtis, R. L., Haney, C. A., & Zhang, J. J. (2003). Sport films: Social dimensions over time, 1930-1995. *Journal of Sport & Social Issues*, 27, 2, 145-161.
16. **Pease, D.G.** & Zhang, J.J. (2002). Predictors of preadolescent athletic leadership behaviors as related to level of play. *International Sports Journal*, 6, 1, 92-106.
17. Pedersen, P. & **Whisenant, W.** (2003) Examining stereotypical written and photographic reporting on the sports page: An analysis of newspaper coverage of interscholastic athletics. *Women in Sport and Physical Activity Journal*, 12(1), 67-86.
18. Rady P.L., Surendran, S., Vu, A.T., Hawkins, J.C., **Matalon, K.**, Trying, S.K., Merren, J., Kumar, A.K., Matalon, R. Founder Mutation R245H of Sanfilippo Syndrome Type A in the Cayman Islands. *Genetic Testing*, 6(3): 211-215 (2002).
19. **Smith, D.**, Colwell, B., Zhang, J., McPherson, R., Stevens, S., & McMillan, C. (2002). Tobacco use and quit behaviors among delinquent youth. *Journal of Drug Education*, 32 (4): 303-318.
20. **Smith, D.W.**, Colwell, B., Zhang, J.J., McPherson, R., Stevens, S., McMillan, C. & Robinson, James, III. Tobacco use and quit behaviors among delinquent youth: a pilot study. *Journal of Drug Education*, 32(4), 303-318. (2002)
21. Surendran S., **Matalon, K.**, Krywawych, S., Qazi, Q.H., Tuchman, R., Rady, P.L., Tying, S.K., Matalon, R. DOOR Syndrome: Deficiency of E1 Component of the 2-Oxoglutarate Dehydrogenase Complex. *American Journal of Medical Genetics* 113:371-374 (2002).
22. **Whisenant, W.** (2003) How women have faired as interscholastic athletic administrators since the passage of Title IX. *Sex Roles*: 49, (3/4), 179-184.
23. **Whisenant, W.** (2003). Using biometrics for sport venue management in a post 9-11 era. *Facilities*, 21(5), 134-141.
24. **Whisenant, W.**, Pedersen, P., and Obenour, B. (2002) Success and gender: Determining the rate of advancement for intercollegiate athletic directors. *Sex Roles*, 47(9/10). 485-491.
25. Williamson, D. P., Zhang, J. J., **Pease, D. G.**, & Gaa, J. P. (2003) Dimensions of spectator identification associated with women's professional basketball game attendance. *International Journal of Sport Management*, 4,1, 59-91.

26. Zhang, J. J., **Smith, D. W.**, Lam, E. T. C., Brimer, J., & **Rodriquez, A** (2002). Development of an evaluation scale to measure participant perceptions of after-school enrichment programs. *Measurement in Physical Education and Exercise Science*, 6 (3): 167-186.

#### Peer Reviewed Articles (In Press)

1. **Boling W**, Macrina DM, Clancy JP (2003) The Caregiver Quality of Life Cystic Fibrosis (CQOLCF) Scale: Modification and Validation of a Scale to Measure Quality of Life in the Family Caregivers of Patients with Cystic Fibrosis. *Quality of Life Research Journal* (In Press).
2. **Bush, J.A.**, D.G. Burrin, A. Suryawan, P.M.J. Connor, H.V. Nguyen, P.J. Reeds, N.C. Steele, J.B. van Goudoever, and T.A. Davis. Somatotropin-induced protein anabolism in hindquarter and portal-drained viscera of growing pigs (in press, *Am. J. Physiol.* 2002).
3. Connor, P.M.J., **J.A. Bush**, A. Suryawan, H.V. Nguyen, and T.A. Davis. Insulin and amino acids independently stimulate skeletal muscle protein synthesis in neonatal pigs. (in press, *Am. J. Physiol.*, 2002).
4. Davis, T.A., M.L. Fiorotto, A. Suryawan, P.M.J. Connor, and **J.A. Bush**. Developmental regulation of protein metabolism. *J Anim Sci* (in press, 2002).
5. **Foreman, F.E.** (2002). African American College Women Constructing a Hierarchy of Sexual Arrangements. *AIDS Care: Psychological & Socio-medical Aspects of AIDS/HIV*. In press.
6. **Foreman, F.E.** (2002). Knowledge and risk perception as predictors of safer sex behavior. *Race, Gender & Class*, In Press.
7. Matalon, R., Surendran, S., **Michals Matalon, K**, Quast M, Jinga W, Ezell E, Szucs S. Future role of large neutral amino acids in the transport of phenylalanine into the brain. *Pediatrics*. In press
8. **Michals Matalon, K**, Acosta P, Azen C. The role of nutrition in pregnancy with PKU and birth defects. *Pediatrics*. In press
9. **Pearson, D. W.** (accepted with revisions November 6, 2002). Absence of Power: Heroines in Sport Films Post-Title IX. In L. J. Fuller (Ed.), *Sexual Sports Rhetoric*.
10. Pedersen, P., **Whisenant, W.**, & Schneider, R. (In Press) Determining equity by investigating sports page editors, reporters, and photographers: Using a content analysis to examine newspaper personnel and their coverage. *Journal of Sport Management*.

11. Pedersen, P.M. & **Whisenant, W.A.** (In Press) Successful when given the opportunity: Investigating gender representation and success rates of interscholastic athletic directors. *The Physical Educator*
12. Smucker, M., **Whisenant, W.**, & Pedersen, P. (2003, In Press) Investigating job satisfaction and female sport journalists: An analysis of the Association for Women in Sports Media. *Sex Roles*.
13. Stevens, S.L., Colwell, B., Miller, K., Sweeny, D., McMillan, C. & **Smith, D.W.** Differences in evaluations of a tobacco awareness and cessation program by adolescents in four stages of change. In press. *Addictive Behaviors*
14. **Whisenant, W.** & Pedersen, P. Analyzing attitudes regarding quantity and quality of sports page coverage: Athletic director perceptions of newspaper coverage given to interscholastic sports. *International Sports Journal* (in press)
15. **Whisenant, W.**, & Pedersen, P. (In Press) The influence of managerial activities on the success of intercollegiate athletic directors. *American Business Review*.
16. Zhang, J., Lam, E., Connaughton, D., Bennett, G., **Pease, D.**, Pham, U., Killion, L, Ocker, L., and Duley, A. (2003). Variables affecting spectator enjoyment of minor league hock games. *International Journal of Sport Management* (in press).

#### **Scientific Conference Proceedings and Presentations**

1. Boerm, M.C. & **Gingiss, P.M.** (2003). "A Comparison of Changes in Tobacco Control Practices in Intervention and Non-Intervention Schools from Baseline (2000) to Follow-up (2002)." Houston, TX: University of Houston. Presented at the 12<sup>th</sup> World Conference on Tobacco or Health, August 3-8, 2003, Helsinki, Finland.
2. Boerm, M.C. & **Gingiss, P.M.** (2003). "A Comparison of School-Wide Tobacco Education Coverage in Intervention and Non-Intervention Schools." Houston, TX: University of Houston. Accepted for presentation at the American School Health Association 77<sup>th</sup> National School Health Conference, October 15-19, 2003, El Paso, TX.
3. Boerm, M.C., **Gingiss, P.M.**, & Roberts-Gray, C. (2002). "School Health Education Profile Tobacco Module (SHEP-TM): Adaptation and use to assess the extent of implementation of the CDC recommendations for 'Best Practice' in school tobacco programs." Houston, TX: University of Houston. Presentation at the American School Health Association 76<sup>th</sup> National School Health Conference, October 2-6, 2002, Charlotte, NC.
4. **Boling W**, Goldsmith M. "Elements of an Effective Patient Health Education Program for Caregivers: Lessons Learned from Parents with Chronically Ill Children." Presentation at the Annual Meeting of the American Association for Health Education, Philadelphia, PA, April 2003.

5. **Boling W**, Invited keynote speaker, Outstanding Health Education Majors of the Year Award Breakfast, American Association for Health Education, AAHPERD convention. Philadelphia, PA, April 2003.
6. Carmack Taylor C, de Moor C, Smith MA, Elrod M, **Boling W**, Basen-Engquist K, and Gritz ER.. "Psychosocial Group Interventions are Effective for Prostate Cancer Patients Who Need It Most". Presentation at the Annual Meeting of the Society of Behavioral Medicine, Salt Lake City, Utah, March 19-22, 2003.
7. Carmack Taylor C, de Moor C, Smith MA, Elrod M, **Boling W**, Gritz ER. "Physical Activity not Fitness Predicts Mental Health in Distressed Prostate Cancer Patients." Presentation at the Annual Meeting of the Society of Behavioral Medicine, Salt Lake City, Utah, March 19-22, 2003.
8. **Clarke, M.S.F.**, Hammond, D.K. and Feedback, D.L. Modulation Of Sarcoplasmic Reticulum Calcium Pump (SERCA) Function By Membrane Cholesterol During Unloading. World Space Congress Meeting, 14<sup>th</sup> - 19<sup>th</sup> October, Houston, Texas.
9. **Clarke, M. S.F.** HI-MEMS Technology Development and Service In LIGA: A Biological Sensor using the DAVD-DOF Technology. Universities Space Research Association/Division of Space Life Sciences, 2002 Science Council Meeting, 17<sup>th</sup> September 2002, Houston, Texas.
11. Colwell, B., Stevens, S. & **Smith, D.W.** "Predictors of Successful Cessation in Youth 3 Months After A Smoking Cessation Program" Presented at the American School Health Association annual meeting, October 3, 2002, Charlotte, NC.
12. Cremades, J.G., DaSilva D., & **Pease, D.G.** (2003, June). The internal consistency and reliability of lower and upper alpha power as measures of kinesthetic and visual imagery ability. North American Society for the Psychology of Sport and Physical Activity, Savannah, GA.
13. Cremades, J.G., DaSilva D., **Pease, D.G.**, & Werner, S. ( 2003, June). Concurrent validity of lower and upper alpha power as measures of kinesthetic and visual imagery ability, North American Society for the Psychology of Sport and Physical Activity Savannah, GA.
14. Donahue R, **Boling W**, Strasser SM, Chaney JD. "An Analysis of the Coverage of CHES Responsibility I "Assessing Individual and Community Needs for Health Education" in Health Education Journal Abstracts." Presentation at the Annual Meeting of the American Association for Health Education, Philadelphia, PA, April 2003.
15. **Foreman, F.E.** (2002,). Knowledge and risk perception as predictors of safer sex behavior. Presentation at the 130th Annual Meeting of the American Public Health Association (APHA), Philadelphia, PA.
16. **Foreman, F.E.** (2002). Sexual Risk Taking among African American Adolescents. Presentation at the TAPHERD Annual Convention, Fort Worth, Texas.



17. **Foreman, F.E.** (2002, November). Safer Sex and the African American College Woman. Presentation at the 130<sup>th</sup> Annual Meeting of the American Public Health Association (APHA), Philadelphia, PA.
18. Friedman, K., Perry, J. & **Smith, D.W.** "Importance and Efficacy of College Smoking Cessation Interventions in Texas." Texas Psychological Association Annual Convention. San Antonio, TX, November, 2002.
19. **Gingiss, P.M.**, Gonzalez, C., Haley, M, Sneden, G., & Mitchell, A.J. (2002). "Tobacco prevention and control in West Texas: A comparison of five community infrastructures and readiness to implement lead programs." Houston, TX: University of Houston. 2002 Presentation at the National Conference on Tobacco or Health, November 19-21, 2002, San Francisco, CA.
20. **Gingiss, P.M.** & Roberts-Gray, C. (2003). "Bridge-It: An Assessment Model for Forecasting Likelihood of Successful Implementation of School-Based Tobacco Programs." Houston, TX: University of Houston. Accepted for presentation at the 12<sup>th</sup> World Conference on Tobacco or Health, August 3-8, 2003, Helsinki, Finland.
21. **Gingiss, P.M.**, Roberts-Gray, C., & Boerm, M.C. (2003). "Application of a Systems Model for Evaluation of Community Capacity and Infrastructure for Program Implementation and Sustainability." Houston, TX: University of Houston. Presented at the 12<sup>th</sup> World Conference on Tobacco or Health, August 3-8, 2003, Helsinki, Finland.
22. **Gingiss, P. M.** "Evaluating the Effectiveness of Local Tobacco Control Organizations. Dr. David Ahrens, Moderator. Panel at 2002 National Conference on Tobacco or Health, November 19-21, 2002, San Francisco, CA.
23. **Gingiss, P.M.** & Roberts-Gray, C. (2002). "Diagnosis of school readiness to successfully implement tobacco prevention and control programs." Houston, TX: University of Houston. Proceedings of the American Public Health Association 130th Annual Meeting, November 9-13, 2002, Philadelphia, PA.
24. Kelly, M.P., **Smith, D.W.**, Colwell, B. & Ayala, P. "Tobacco Use Patterns, Knowledge and Attitudes Following Passage of the El Paso Smoke-Free Indoor Air Ordinance." National Conference on Tobacco or Health. San Francisco, CA, November, 2002.
25. Kelly, M.P., **Smith, D.W.**, Colwell, B. & Ayala, P. "Smoke Free Paso del Norte: Experiences on the US Mexico Border." National Conference on Tobacco or Health. San Francisco, CA, November, 2002.
26. Killion, L., Rodriguez, A., Houser, J., **Sekula, B.**, **Olvera, N.** Socio-environmental correlates of physical activity in Hispanic and Anglo children. Annual Conference of the American Public Health Association, Philadelphia, PA. (November, 2002).
27. Kyparos, A., **Layne, C.S.**, Feeback, D.L., Martinez, D.A., **Clarke, M.S.F.** Dynamic Foot Pressure Attenuates Myofiber Atrophy Induced by Mechanical Unloading. 14th Humans in Space Conference, Banff, Alberta, Canada , May, 2003.

28. Kyparos, A., **Layne C.S.**, Martinez D.A., **Clarke, M.S.F.**, Feeback, D.L. Dynamic Foot Pressure as a Countermeasure to Muscle Atrophy. International Astronautical Congress (IAC), Houston, TX, October, 2002.
29. **Layne, C.S.**, Forth, K.E., Abercromby, A.F. Does Varying Muscle Spindle Input Modify Neuromuscular Responses to Foot Stimulation? 14th Humans in Space Conference, Banff, Alberta, Canada, May, 2003.
30. **Layne, C.S.**, Forth, K.E., Abercromby, A.F. Spatial Factors Influence the Generation of Neuromuscular Responses to Foot Stimulation. 14th Humans in Space Conference, Banff, Alberta, Canada, May, 2003.
31. **Layne, C.S.**, Forth K.E., Baxter, M.F., Houser, J.J. Enhanced Neuromuscular Activity from Mechanical Foot Stimulation. World Space Congress, Houston, TX, October, 2002
32. **Layne, C.S.**, Mulavara, A.P., Bloomberg, J.J., Forth, K.E., Baxter, M.F., Houser, J.J., Kozlovskaya, I.B., Using Dynamic Foot Stimulation During Space Flight as a Countermeasure to Muscle Degradation. 24th Annual International Conference of the IEEE/EMBS (Institute of Electrical and Electronics Engineers, Inc. and Engineering in Medicine and Biology, Annual Fall Meeting of the BMES (Biomedical Engineering Society), Houston, TX, October, 2002, invited paper.
33. **Layne, C.S.**, Mulavara, A.P., McDonald, P.V., Pruett, C.J., Kozlovskaya, I.B., Bloomberg, J.J. Modifications in Neuromuscular Activation During Bipedal Postural and Locomotor Tasks After Long-Duration Spaceflight. World Space Congress, Houston, TX, October, 2002
34. Lee, J.T., Branum-Martin, L., **Pease, D.G.**, & Heil, J. (2002, October) The interaction among situation-specific state-balance, felt motivations, and point spread on fencing performance. Association for the Advancement of Applied Sport Psychology, Tucson, AR.
35. **Matalon, K.** "MTHFR polymorphism and cardiac defects in offspring of women with PKU". Ross Metabolic Conference "Advances in Management of Inherited Disorders", Houston, TX, April, 2003.
36. Menefee, D.S., **Gingiss, P.M.**, Scott, R., & Huang, P. (2002). "Expanding the CDC/NCI coding indexes to define local ETS ordinances: Texas baseline analysis of ETS exposure restrictions." Houston, TX: University of Houston. Presentation at the American Public Health Association 130<sup>th</sup> Annual Meeting, November 9-13, 2002, Philadelphia, PA.
37. **Olvera, N.** Coping with Breast Cancer (September, 2002). Presented at the second annual meeting of the Hispanic Breast Cancer Forum, sponsored by the National Cancer Institute, Houston, TX.
38. **Olvera, N.**, Linares, A., **Sekula, B.**, Rodriguez, N., Hagan, J., & Ugalde, A. Coping strategies and health among Mexican and Central American immigrants. Annual Conference of the American Public Health Association, Philadelphia, PA. (November, 2002).

39. **Olvera, N., Sekula, B., & Linares, A.** (March 2003). Correlates of sedentary behavior and BMI in Hispanic and Anglo Children. Presented at the Annual Meeting of the Society of Behavioral Medicine, Salt Lake City.
40. **Pearson, D.** Advocacy and Volunteerism, Texas Association for Health, Physical Education, Recreation, and Dance (TAHPERD) Ft. Worth, TX, Dec. 2002
41. **Pearson, D.** - "Differential Career Opportunities and Minority Rodeo Cowboys" at the American Alliance for Health, Physical Education, Recreation and Dance (AAHPERD) National Convention in Philadelphia (March, 2003).
42. **Pearson, D.** Role Sport Socialization: Rodeo and Americana, North American Society for the Sociology of Sport (NASSS), Indianapolis, IN, Nov 2002
43. **Pease, D.G., Zapalac, R.K., & Lee, J.** "Role of selected variables in the burnout of high school basketball coaches." Paper presented at AAHPERD, Philadelphia, PA, April, 2003 and Research Quarterly for Exercise and Sport - Supplement, 74, 1, A66.
44. Pedersen, P., **Whisenant, W.** & Smucker, M. (2003, January) Exploring the growth in sport management professorial position announcements: A content analysis of the job openings over the academic year. Paper to be presented at the 2003 National Association for Physical Education in Higher Education (NAPEHE) Conference, Long Beach, CA.
45. Roberts-Gray, C. & **Gingiss, P.M.** (2002). "'Don't know' responses: Do they inform or undermine the process evaluation?" Houston, TX: University of Houston. Presentation at the 2002 Annual Conference of the American Evaluation Association, November 4-10, 2002, Washington, DC.
46. Rodriguez, A., Killion, L., Houser, J., **Sekula, B., Olvera, N.** Physical fitness in Hispanics and Anglo children. Annual Conference of the American Public Health Association, Philadelphia, PA. (November, 2002)
47. **Rorschach, A.** "Increasing Protein Choices on the Menu and Ethnic Trends in Dining." presented at Food Service Director's Annual meeting, Houston, Texas.
48. Shinn E, Basen-Engquist K, Carmack Taylor C, **Boling W,** et al. "Depression and Health Behaviors in Breast Cancer Survivors." Presentation at the Annual Meeting of the Society of Behavioral Medicine, Salt Lake City, Utah, March 19-22, 2003.
49. **Whisenant, W.** Improving the coverage of girl's sports by newspapers. 79th TAHPERD Convention (Texas Association for Health, Physical Education, Recreation, and Dance) Ft. Worth, TX. (2002, December)
50. **Whisenant, W.** Organizational Justice and Sport: The effects of organizational justice on participation rates and team performance of female high school athletes. 79th TAHPERD Convention (Texas Association for Health, Physical Education, Recreation, and Dance) Ft. Worth, TX. (2002, December)

51. **Whisenant, W.** Venue management & biometrics: A post 9-11 facilities management & marketing forecast. Florida State University Physical Education and Sport Administration Conference, Tallahassee, Fl. (2002, November)
52. **Whisenant, W.** & Kavanaugh, J. (2003, March) Lauren's Wardrobe. Paper to be presented at the Southwest Academy of Management Annual Meeting, Houston, TX.
53. **Whisenant, W.**, Pedersen, P. & Smucker, M. (2003, January) Athletic director attitudes towards the media's coverage of girl's and boy's athletics: supporting evidence of hegemonic masculinity's grip on sports and the media. presented at the 2003 National Association for Physical Education in Higher Education (NAPEHE) Conference, Long Beach, CA.
54. **Yi, Jenny K.** (2002) "Forming effective outreach strategies for immigrant Asian American women in breast health program." Presentation at the American Public Health Association 130<sup>th</sup> Annual Meeting, November 9-13, 2002, Philadelphia, PA.
55. **Yi, Jenny K.**, Mercedes Gonzalez. (2002) "Hepatitis B immunization rate among Hispanic students in Houston Independent School District." Presentation at the American Public Health Association 130<sup>th</sup> Annual Meeting, November 9-13, 2002, Philadelphia, PA.
56. **Yi, Jenny K.**, Tonya Cole. (2002) "Hepatitis B immunization rate among African American students in Houston Independent School District." Presentation at the American Public Health Association 130<sup>th</sup> Annual Meeting, November 9-13, 2002, Philadelphia, PA.
57. Zapalac, R.K., Lee, J., & **Pease, D.G.** (2002, October). Congruence of metamotivational dominance and leadership preferences and its relation to satisfaction. Association for the Advancement of Applied Sport Psychology, Tucson, AR.

### **Books**

1. Baumgartner, T. A., **Jackson, A. S.**, Mahar, M.T., Rowe, D.A. (2003). Measurement for Evaluation in Physical Education and Exercise Science. (7th ed.). Dubuque: McGraw-Hill.

### **Book Chapters**

1. **Clarke, M.S.F.** (2002). Syringe Loading: a mechanically-based method for inserting macromolecules into cells. In. Cell Biology: A Laboratory Handbook. ed. J.E. Celis (3rd Edition), Academic Press. (in press).

2. Matalon, Reuben and **Michals Matalon, Kimberlee** "Mucopolysaccharidoses" Encyclopedia of Neurological Science (ENOS), eds. Aminoff, M, Daroff, R. Academic Press, San Diego, CA, vol 3, pp.237241, 2003

### **External Funding Submissions**

1. **Clarke M.S.F.** Bone Resorption Models in Microgravity (Co-Investigator) NASA Research Announcement (Fundamental Biology Study Section) (Total Amount Requested for UH subcontract: \$120,000).
2. **Clarke M.S.F** NASA (OBPR) NRA Program 2003: Grant Proposal entitled "Therapeutic Efficacy of GH and IGF-1 on Rat Knee Ligament Wound Healing during Hindlimb Unloading". (Co-Investigator - Total Support Requested: \$1, 632,191)
3. **Clarke, M.S.F.** (2003) Role of Mechanical Loading and Membrane Cholesterol Content in the Etiology of Asthma. Sandler Program For Asthma Research (Direct Funds Requested : \$350,000).
4. **Matalon, K.** Gene transfer to the CNS of the CD mouse. Subcontract with UTMB for a proposal submitted to NIH. - June, 2003. - \$ 56,263
5. **Matalon, K.** Research Network for PKU and Galactosemia- NIH, Rare Diseases Clinical Research Network. \$332, 139
6. **Sekula, B.** African American Weight Control Registry. Submitted to NIH - **Sekula** listed as consultant.
7. **Sekula, B.** Evaluation of Percent Maximum Lift Capacity and Injury, RO3 grant submitted to NIH on November 1, 2002. Total direct costs: \$100,000; direct and indirect costs: \$148,500.
8. **Sekula, B.** Submitted Proposal to American Heart Association, titled "Gamebike: Feasibility of Using Video Games to Increase Child and Adolescent Physical Activity", submitted on January 6, 2003.
9. **Tremblay, L.** Whitehall Foundation - Multisensory feedback utilization as a function of practice. - \$15,000.
10. **Yi, J.** Community Cancer Intervention for Korean American Women. (National Cancer Institute - NIH), \$126,534 - January 2003.
11. Wolters, C., **Clarke, M.S.F., Boling, W.** (2003) Linking motivation and self-regulation to well-being. National Institutes of Health, RO1 RFA-OB-03-001. Direct Funds Requested : \$400,000.

### External Funding Approvals

1. Bray, M., **Jackson, A.S.**, Ellis, K., Ferrell, B., Foreyt, J., Neuffer, D., **Bush, J.A.**, **Sekula, B.**, Ross, B. "Genetic Factors in Physical Activity and Obesity". National Institute of Health - National Institute of Diabetes and Digestive and Kidney Diseases. - \$882,404 - over 5 years.
2. **Gingiss, P.** Texas Department of Health. Research and Evaluation of the Texas Tobacco Prevention and Control Initiative. Funding for FY2003 (received in September, 2002): \$391,691.00. Was increased in June 2003 by \$30,000 for total of \$421,691.00.
3. **Smith, D.W.** Texas A&M University. ATPC Continuation Funding. September 2002-August 2003 (\$90,714).

### Internal Funding Submissions

1. **Pearson, D.** (2002, November) Faith-based physical activity programs: A ministry or the reemergence of muscular Christianity in contemporary society (\$3000)
2. **Whisenant, W.** (2002, November) Job satisfaction and referent selection of men and women who coach girls' high school sports. UH Small Grants Program (\$3000).

### Internal Funding Approvals

1. Barbieri, E., **Layne, C.S.**, Shireen, W., Malki, H.A., Attarzadeh F., Grants to Enhance and Advance Research (UH GEAR). "Prototype Expert-based Variable Resistance/Assistance Device (EVRA) for Rehabilitation" - \$24,840
2. **Bode, S., Rorschach, A., Sharma, S.**, Faculty Development Initiative Program (FDIP), "Development of on-line nutrition course materials" - \$25,000
3. **Boling W.** University of Houston, New Faculty Research Support Grant: "Assessment of youth in an urban after-school achievement program: Does program participation increase health-related quality of life?" - \$4,289
4. **Boling, W.** Principal Investigator. University of Houston, Faculty Development Initiative Program (FDIP), "Development of Electronic Instructional Course Materials for HLT 2320" - \$4000.
5. **Bush, J.** New Faculty Research Program, University of Houston. Title: Near-infrared spectroscopy assessment of muscle vascular function at rest and during exercise in type 2 diabetic adults of Hispanic descent. - \$6,000

6. **Clarke, M.S.F.** Faculty Research Opportunity Award (FROA), "The effect of circulating levels of cholesterol and omega-3-fatty acids on learning and memory" - \$2,412
7. **Clarke, M.S.F.** Grants to Enhance and Advance Research (UH GEAR). "Development of New Technologies for Assessing the Effects of Physical Activity on Skeletal Muscle Function and Physical Fitness in Field-Based Situations" - \$26,985
8. **Layne, C.S.** Faculty Research Opportunity Award (FROA), Using Patterned Stimulation of the Sole to Prevent Muscle Degradation. - \$2,835
9. **Pearson, D.** - African American Studies Travel Grant - \$ \$493.00
10. **Sekula, BK.** Faculty Research Opportunity Award (FROA). "Physical Activity Validation in Hispanic Children". - \$2,915
11. **Pearson, D.,** Curtis, R. - Development Grant from the UH African American Studies Program - \$1,200
12. **Tremblay, L.** Faculty Research Opportunity Award (FROA), On-line feedback utilization versus planning mechanisms for manual aiming. \$2,116

### **Technical Reports**

1. Boerm, M.C. & **Gingiss, P.M.** (2003) *Status of School Tobacco Prevention and Control Two Years After the Beginning of the Texas Tobacco Prevention Initiative: Comparisons of Intervention and Non-Intervention Schools.* Houston, TX: University of Houston.
2. **Gingiss, P.M.** and associates (2002). "FY 02 End of the Year Summary Report." TDH Texas Tobacco Program, Evaluation and Surveillance Collaborative.
3. **Gingiss, P.M.** & Boerm, M.C. (December, 2002). "Principal and Health Coordinator Surveys: Results from mailed survey at baseline in 2000 and follow-up in 2002." Report and Presentation to TDH/Texas Department of Health Tobacco Prevention and Control Initiative.
4. **Gingiss, P.M.** & Roberts-Gray, C. (2003). *Agency Capacity to implement and sustain community-based tobacco prevention and control programs in East Texas: 2002.* Houston, TX: University of Houston.
5. **Gingiss, P.M.** & Roberts-Gray, C. (2003). *An Assessment of Community Capacity to Implement and Sustain Tobacco Programs in East Texas: 2002.* Houston, TX: University of Houston.
6. **Gingiss, P.M.** & Roberts-Gray, C. (2003). *Assessment of Texas School Capacity and Infrastructure for Tobacco Program Implementation Two Years After Start-Up.* Houston, TX: University of Houston.

7. **Gingiss, P.M.** & Scott, R.L. (2003): *Health Insurance Coverage of Tobacco Dependence: Executive Summary*. Houston, TX: University of Houston.
8. **Gingiss, P.M.** & Scott, R.L. (2003): *Health Insurance Coverage of Tobacco Dependence: Part II. Survey of Managed Care Organizations in Texas*. Houston, TX: University of Houston.
9. Hermer, L.D., **Gingiss, P.M.**, Roberts-Gray, C., Boerm, M.C., & Marshall, J. (2003) *Factors Influencing Scoring Decisions for Texas Municipal SHS Ordinances*. Houston, TX: University of Houston.
10. **Layne, C.S.** Are Muscle Reflexes Modulated by Preparatory Neuromuscular Activation Levels? Institute for Space Systems Operations, Annual Report, 2003.
11. Layne, C.S. Kyparos, A., **Martinez D.A.**, Clarke, M.S.F., Feedback, D.L. Using Dynamic Foot Pressure as a Countermeasure to Muscle Atrophy. Institute for Space Systems Operations Annual Report, 2003.

#### **Scholarly Activity**

1. **Bloom, J.** Editorial review for the "*Essentials of Athletic Training*" 5th ed. McGraw Hill Publishers, St. Louis.
2. **Bode, S.** Invited Speaker, Careers in Health Care: Nutrition and Dietetics" sponsored by the UH College of Optometry, March 2003.
3. **Clarke, M.S.F.** "Muscle Atrophy: A Membrane Modulated Event?" University Space Research Association - Division of Space Life Sciences - Lunchtime Seminar Series - Houston, TX, February 28th.
4. **Clarke, M.S.F.** U.S. Army Medical Research and Materiel Command - CDMRP-Peer Reviewed Medical Research Program "Disease Prevention" Review Panel, June 1st to June 3rd 2003, Washington, D.C.
5. Driskell, J.A., and **Wolinsky, I.**, (eds). Nutritional Assessment of Athletes. CRC Press, 2002.
6. **Gingiss, P.M.** - Review Panel Member: National Institutes of Child Health and Human Development IRG: Concept Review. Small Business Innovation Research Grant Program. November, 2002
7. **Gingiss, P.M.** - reviewer - National Institutes of Health: Small Business Innovation Research Grant Program. Behavioral Sciences IRG Study Section. March, 2003
8. **Gingiss, P.M.** - National Institutes of Health: Small Business Innovation Research Grant Program. Risk, Prevention, and Health Behavior IRG Study Section. November, 2002



9. **Gingiss, P.M.** & Roberts-Gray, C. (December, 2002). "School Capacity and Infrastructure Assessment: Results from mailed survey at baseline in 2000 and follow-up in 2002." Report and Presentation to TDH/Texas Department of Health Tobacco Prevention and Control Initiative.
10. **Layne C.S.** - reviewer for Canadian Space Agency Life Sciences proposals - January 2003
11. **Layne, C.S.** - reviewer for Kansas-Biomedical Research Infrastructure Network - December 2002
12. **Olvera, N.** Invited Lecture - Changes in Gender Roles and Expectations in Immigrant Populations, presented at the UH Department of Anthropology, April 22.
13. J. J. Coakley, author of *Sport in Society: Issues and Controversies* (7th.ed.) has sought permission to include excerpts from *The Rodeo Cowboy As An American Icon: The Perceived Social and Cultural Significance* (**Pearson & Haney**, 1999) in his upcoming *Sport and Society* (8th. ed.) text.
14. **Pearson, D.** - panelist for a forum on "Title IX Issues and Female Athletes" in San Antonio, TX (May 17, 2002). The forum was sponsored by The Association for Women Journalists-South Texas.
15. **Pease, D.G.** (2002). Book Review for "Counseling Athletes: Applying Reversal Theory" by Kerr, J.H., *The Sport Psychologist*, 16, 343-344
16. **Pease, D.G.**, Zapalac, R.K., & Lee, J. (March, 2003). Burnout in high school varsity basketball coaches, *Texas Coach*, 30-31.
17. **Sekula B.** BIRWCH program at Baylor College of Medicine. Title of presentation: "Gender Differences in Descriptive Epidemiology and Response to Physical Activity", November 5, 2002. (invited presentation)
18. **Smith, D.W.** Grant proposal reviewer for Paso Del Norte Health Foundation, El Paso, TX. December 2002.
19. **Smith, D.W.**, Cowell, B. & Wheeler, A. "Issues in Planning Comprehensive School Health Programs." Region 19 Educational Service Center, San Angelo, TX, January 2003.
20. **Smith, D.W.**, Colwell, B. & Zhang, J.J. *The Strongest Link: Assessing the Effects of the Aker Kvaerner Employee Health Improvement Program*. An evaluation proposal submitted to: Gordon Hagendorf, Sr. Vice-President, Human Resources, Kvaerner Process, January 2003.
21. **Whisenant, W.** - reviewer for *Sex Roles* (2003)
22. **Wolinsky, Ira**, and Williams, Louis (eds.), *Nutrition in Pharmacy Practice*, American Pharmaceutical Association, Washington, DC, 2002, 426pp.

23. **Wolinsky, I.** and Dorothy Klimis Zacas (University of Maine) prepared the nutrition appendices for the new book Nutrition in Pharmacy Practice, American Pharmaceutical Assn, Washington, D.C., 2002.
24. Nutritional Assessment of Athletes, Judy Driskell and **Ira Wolinsky** (eds.) CRC Press. This part of a series that Ira has edited on Nutrition in Exercise and Sports.

### **Honors, Awards, Kudos**

1. **Dr. Bloom** was awarded the Conference USA Award of Excellence for Teaching and Advising.
2. **Boling W.** College of Education Assistant Professor Faculty Research Excellence Award (FREA).
3. **Boling W** - selected to serve on the The National Commission for Health Education Credentialing (NCHEC) Board of Commissioners.
4. **Boling W.** and **Foreman, F.** Selected to participate in the UH System CampusNet Online Workshop (May, 2003)
5. **Clarke, M.S.F.** NASA Space Act Technology Development Award for a technology entitled "Directional acceleration vector-driven displacement of fluids (DAVD-DOF)"
6. **Dr. T. Jackson** was quoted in the Washington Post regarding the role of exercise in longevity. <http://www.washingtonpost.com/wp-dyn/articles/A944-2003Jun16.html>
7. **Dr. Pearson** was elected to the TAPHERD Executive Officers Nominations Committee - December, 2002
8. **Dr. Whisenant** was elected as TAPHERD Chair-Elect to the Sport Management Section - December, 2002
9. **Dr. Whisenant** was certified as a Leadership Training Instructor for the National Interscholastic Athletic Administrators Association - December, 2002

### **Student Accomplishments**

1. **Andrew Abercromby** was awarded the 2002 Engineering Student of the Year for all of Scotland.
2. **Andrew Abercromby** and **Katey Forth**, graduate students in Motor Control, were featured in the funded Daily Cougar at <http://www.uh.edu/campus/cougar/Todays/Issue/news/news2.html> for their summer work at NASA/Johnson Space Center.

3. **Tynisa Bennett**, Exercise Science major, has been accepted into Texas Women's University's Physical Therapy program.
4. **Melynda Boerm** was elected as the 2003 Chair of the Health Promotion Section within the Health Division.
5. **Brent Bordon**, freshman Kinesiology major, was featured on the front page of the Daily Cougar on June 11, 2003 for his abilities as a samba dancer on Star Search.
6. **Georgia Cruz** was recently accepted into the Texas College of Osteopathic Medicine, University of North Texas.
7. **Katey Forth** was the university's featured student in the December GPS News published out of Dr. Mariotto's Graduate and Professional Studies Office.
8. **Heather George** was appointed Head Trainer for Magnolia ISD.
9. **Keri Kabula** was appointed Assistant Softball Coach at George Washington University.
10. **Melissa Knox**, senior dietetic student, was awarded a \$1000 scholarship from Texas Dietetic Association Foundation. The award is the largest scholarship that the foundation gives out and goes to one of the two top ranked applicants statewide.
11. **Timothy Lamando, April Fortenberry, Crystal Mercer, Stacy Fontenot, Sheila Nava, Donna Sanchez, and Sal Garza** attended the TAHPERD Leadership Conference in Seguin, TX on March 8-9.
12. **Stephanie Morales** has been appointed Account Services Manager for the Rockets and Comets.
13. **T. Riley** was appointed Assistant Operations Manager for the UH Athletic Department.
14. **Lisa Rodriguez** and **Cassandra Alston** were elected as student representatives to the Girls and Women's Sport Section.
15. **Roxanna Sanchez** and **Christian Buensuceso** were elected as student representatives to the Ethnic Minority Section.
16. **Tracey Shankle**, a recent graduate of our department, is currently working at Koala Health and Wellness Center. She also has been accepted to PT school at UTMB.
17. **Stormy Smith** was elected as student representatives to the Sport Management Section.
18. **Joseph Williams** was appointed NPO Coordinator at Reliant Stadium for ARAMARK.
19. **Tracy Wisdom** was accepted into a doctoral program at University of Northern Colorado .

## **Health and Human Performance Student Award Winners**

### **2003 Graduate Achievement Award**

Human Performance  
Health

Katharine Emily Forth  
Anne Marie Daniel

### **2003 Undergraduate Outstanding Student Awards (based on GPA and number of nominations)**

Exercise Science  
Sport Administration  
Movement Studies  
Health  
Nutrition

Wyoniquea Mosley  
Christian Buensuceso  
Kevin McClosky  
Ravish Kapoor  
Melissa Knox