

Chair's Message



Dear Faculty and Friends,

This year I would like to start my address by thanking Dean Manuel Justiz and the faculty and staff of the department for the opportunity to serve as Chair for the last four years. This has been a wonderful learning experience as well as an honor to serve such a highly dedicated and ambitious group of individuals. As most are now aware, I was asked to continue as Chair for another four-year term, which I accepted enthusiastically. I am very much looking forward to this second four years as Chair, and hope that we can accomplish as much during my second term as we did during my first.

In reflecting back on the last four years, I realized that during this period there were a number of major changes that occurred in the department. These included changes to our academic programs, faculty, staff and facilities. This was also a period of outstanding faculty scholarship, which led to an increase in research funding, and numerous professional accolades and honors. It is not often that we take the time to reflect on the changes that have occurred in our department or on our many accomplishments, but that is what this annual report is all about. So I would like to take this opportunity to sum up some of our more important changes and accomplishments during this period.

Our program changes are actually too numerous to discuss in detail, but I believe it is worth mentioning each change because each represents a significant effort by a team of dedicated faculty and staff. First, we successfully moved the Applied Learning and Development Sports Management program, which we coordinated, to our department. We also strengthened this program by adding two new faculty lines and a Ph.D. program in Sports Management. Our Sports Management program is now recognized as one of the three best programs in the world. In Health Education, we established, in cooperation with the Department of Psychology, a health psychology graduate program and added a BA liberal arts degree in Health Education. In cooperation with Intercollegiate Athletics we started a degree program in athletic training, which has proven to be very successful and of significant student interest. In partnership with the Department of Recreational Sports and the Professional Golfers Association of America, we were able to enhance our golf instruction program. This program was endowed by Ben Crenshaw and Justin Leonard from money they received for participating in the Rider Cup. We restructured our Exercise Science graduate program, creating divisions in Exercise Physiology and Motor Behavior. The division of Motor Behavior consists of biomechanics, motor control and physical development and aging. Through the leadership of Dr. Jan Todd we revised our undergraduate Health Promotion and Fitness program and with the guidance of Ms. Tere Ramirez we restructured our undergraduate curriculum in our Physical Education Teacher Education program. Finally, we established the Fitness Institute of Texas or FIT, a center comprised of the latest equipment for the assessment of physical fitness and physiological testing.

With new programs always comes the need for new facilities. We have been very successful in meeting many of these needs by renovating Belmont Hall. For our physical activities program, a large gymnasium in Belmont Hall was converted to a weight-training classroom. This classroom is also used for research training studies. Locker rooms on the fourth and sixth floors were converted to an anatomy laboratory and two classrooms, respectively. Provost Sheldon Eklund-Olson was responsible for these renovations, and I would like to take this opportunity to publicly thank him for his support. On the ninth floor we converted a large gymnasium into the FIT center and on the eighth floor we converted a seminar room and storage space to research laboratories for our health education and exercise psychology programs. Research laboratories were also developed for sport management and motor control on the third floor, and a small animal facility was developed in a wing of the environmental research laboratory. In addition, our computer laboratory on the eighth floor was completely renovated and supplied with new computers thanks to Paul Resta and the College's Learning Technology Center.

There have been many personnel changes during the last four years. We saw the retirements of Darrell Williams, Ann Scarborough, Dot Lovett, and Dave Snyder from the faculty. Staff retirements included Ann Brewer, Shirlie Bazemore, and Ruth Figg. There was also the untimely death of Loydis Holton a valued staff member. We have been fortunate to be able to replace our faculty loses with Carla Costa, Dan Funk, Phil Stanforth, Randy Oehrlein, Laurence Chalip, Chris Green, Jon Dingwell, Hirofumi Tanaka, Lisa Griffin and Brian Farr, and our staff loses with Karissa Horton, Rachael Levalley and Jan Buchanan.

During this period our faculty have received considerable recognition for their contributions to their fields of study, to the college and the university. In the last four years we have had two Dean's Distinguished Faculty Award winners, the first Dean's Distinguished Teaching Award winner, and a University of Texas Civitatis Award winner. Our faculty have been routinely invited to speak at national and international meetings, and on many occasions they have been requested to give the keynote address at these meetings. Recognition has also come from professional societies in the form of awards and election to office. In this regard, I would like to recognize Dr. Dolly Lambdin. Dolly is the most recent recipient of the College Educator of the Year Award from the Texas Association for Health Physical Education and Recreation. She was also elected President-Elect for the National Association for Sport and Physical Education.

University recognition has also come in the way of faculty promotions. Mary Steinhardt, Larry Abraham and Carol Holahan were promoted to Professor. John Bartholomew and Jan Todd were promoted to Associate Professor, and Maureen Fitzgerald and Dolly Lambdin were promoted to Senior Lecturer.

Programs to increase the visibility of our department on campus and nationally have been implemented. These include the development of a new website, the establishment of the Lynn McCraw lecture series, the development of FIT, the creation of graduate program brochures, and the printing of our annual report.

Our success rate has been high during the last four years, and we have accomplished a great many of our goals. However, now is not the time to relax. We must push ahead with renewed vigor and work to remain at the forefront of our field. Our degree programs and scholarly endeavors should not be at the cutting edge of our field, but they should be defining the cutting edge. In the coming year we will be initiating a new strategic plan. In this plan we will focus on ways to increase research funding, to improve the education of our undergraduate students and to increase their options for employment upon graduation. We will address faculty - student relations and seek to provide an environment in which our students feel a strong camaraderie amongst themselves and the faculty. Most of all, this new strategic plan will be one of innovation, and one that will define the prototype of kinesiology and health education departments for years to come.

There are many challenges that lie ahead. I am looking forward to these challenges, however, because I know that if we plan properly we can accomplish whatever we desire. I am sure that you feel the same.

Sincerely,

A handwritten signature in cursive script, appearing to read "John L. Ivy".

John L. Ivy, Chair

Margie Gurley Seay Centennial Professor

Mission Statement

The Department of Kinesiology and Health Education at The University of Texas at Austin seeks to enhance the quality of life of the general public through research, instruction, and service in the areas of health, exercise, and sport.

GUIDING PRINCIPLES

Excellence

We are committed to excellence as a departmental, programmatic, and personal standard that is reflected in the behavior and the products of faculty, staff, and students.

We take as our responsibility

- a continuous effort to improve the quality of our own work through diligent effort and continued professional development
- a continuous effort to support integrated program development through collaboration and collegial support
- a sustained effort to improve the development and performance of our students through rigorous, carefully planned, and supportive instruction

Leadership

We are committed to providing creative and dynamic leadership in education, research, and service.

We accept as our responsibility

- professional preparation of future leaders in the fields of health, exercise, and sport
- providing leadership that value creativity, innovation, and promoting vision-setting trends in education, research, and service
- demonstrating leadership on campus and at local, state, national, and international levels

Impact

We are committed to creating a positive impact on individuals and the general public; on the fields of health, exercise, and sport; and on professionals and organizations associated with those fields.

We accept as our responsibility

- the testing of assumptions and the validation of existing premises
- the generation and dissemination of knowledge
- the promotion and adoption of improved beliefs and practices

Stewardship

We are committed, as trustees of public and private resources, to provide the State of Texas and the general public with the best possible management of their investment and education in health, exercise, and sport.

We accept as our responsibility

- demonstrating efficiency and prudence in arranging our infrastructure and managing our resources
- conducting both basic and applied research to create tangible results of our work
- bridging between research and education so that our students value the process of scientific inquiry and critical thinking

Respect

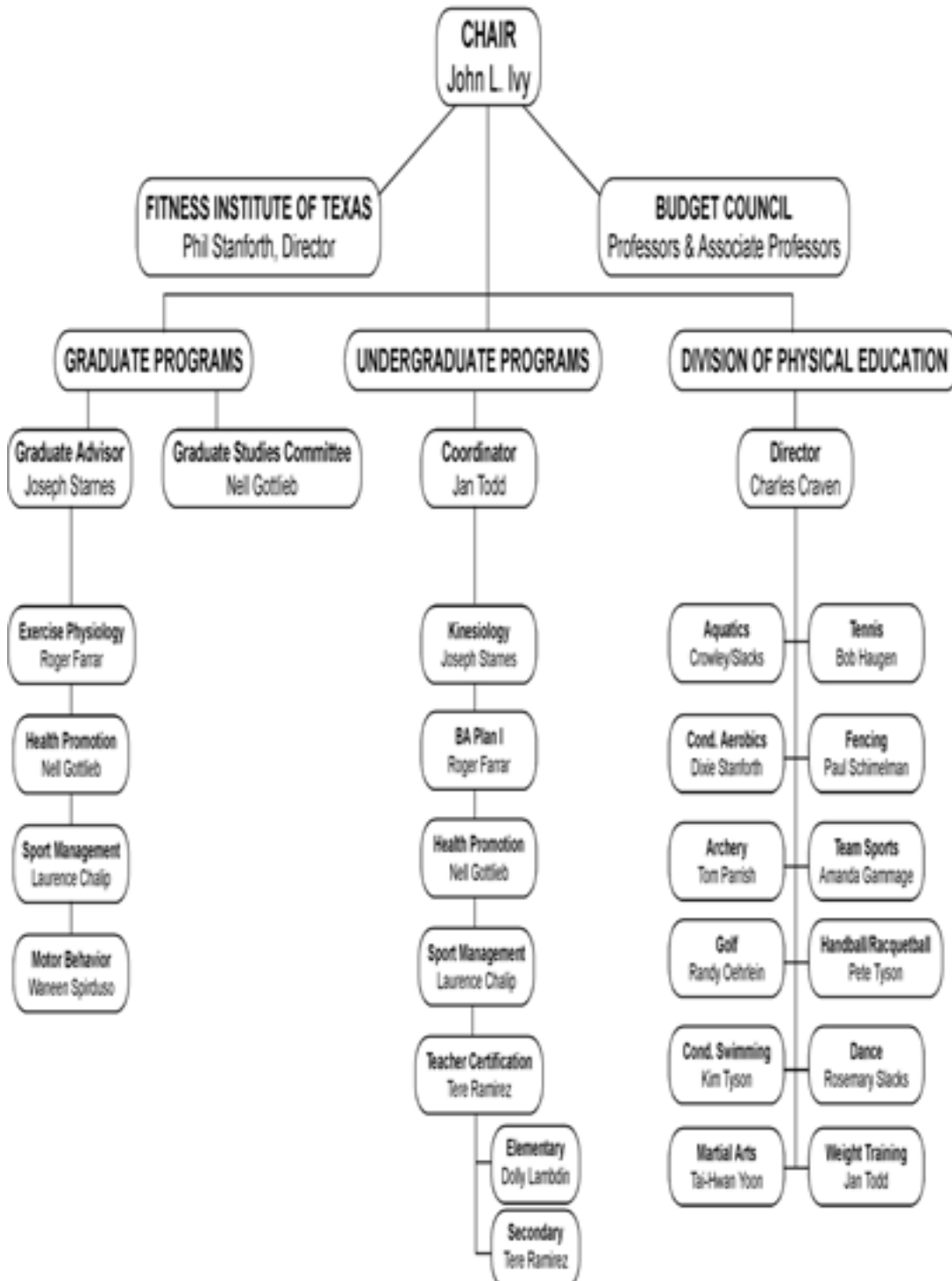
We are committed to honoring each other and respecting the contributions made by each individual as we work toward our common goals.

We accept as our responsibility

- a commitment to diversity
- the creation of an environment that fosters tolerance, fairness, and equity
- the courteous treatment of students, staff, faculty, and the general public

Administration

General Organization Chart



Faculty

Exercise Physiology and Psychology

John B. Bartholomew, PhD, Associate Professor
Edward F. Coyle, PhD, Professor
Roger P. Farrar, PhD, Professor
John L. Ivy, PhD, Margie Gurley Seay Centennial Professor
Joseph W. Starnes, PhD, Professor
Hirofumi Tanaka, PhD, Assistant Professor
Philip Stanforth, MA, Lecturer

Health Education

Elizabeth Edmundson, PhD, Associate Professor
Nell H. Gottlieb, PhD, Professor
Carole K. Holahan, PhD, Associate Professor
Alexandra Loukas, PhD, Assistant Professor
Fred L. Peterson, PhD, Associate Professor
Mary A. Steinhardt, EdD, Professor

Motor Behavior

Lawrence D. Abraham, EdD, Associate Professor
Jonathan Dingwell, PhD, Assistant Professor
Brian Fay, PhD, Lecturer
Lisa Griffin, PhD, Assistant Professor
Jody Jensen, PhD, Associate Professor
Waneen W. Spirduso, EdD, Oscar and Anne Mauzy Regents Professor

Sport Management

Laurence Chalip, PhD, Professor
Charles Craven, MEd, Associate Professor
Carla A. Costa, PhD, Assistant Professor
Maureen P. Fitzgerald, PhD, Senior Lecturer
Daniel C. Funk, PhD, Assistant Professor
B. C. Green, PhD, Assistant Professor
Jan S. Todd, PhD, Associate Professor

Physical Education Program

Melanie Barnes, BA, Specialist
Charles Craven, MEd, Associate Professor
Don Crowley, BS, Specialist
Amanda Gammage, MS, Specialist
Robert Haugen, MS, Lecturer
Dolly Lambdin, EdD, Senior Lecturer
Terri L. Mitchell, BA, Specialist
Randy Oehrlein, MEd, Lecturer
Tom Parrish, MSPE, Specialist
Jay R. Reichman, BS, Lecturer
Rosemary Slacks, MEd, Assistant Professor
Paul Schimelman, BS, Lecturer
Dixie Stanforth, MS, Lecturer
Jan Todd, PhD, Associate Professor
Terry Todd, PhD, Lecturer
Kim Tyson, MS, Lecturer
Pete Tyson, MEd, Associate Professor
Tai H. Yoon, MSS, Specialist

Physical Education Teacher Education

Pam S. Buchanan, MA, Lecturer
Charles Craven, MEd, Associate Professor
Don Crowley, BS, Specialist
Amanda Gammage, MS, Specialist
Robert Haugen, MS, Lecturer
Dolly Lambdin, EdD, Senior Lecturer
Tere Ramirez, MEd, Lecturer
Fran Rush, MEd, Lecturer
Rosemary Slacks, MEd, Assistant Professor
Terry Todd, PhD, Lecturer
Kim Tyson, MS, Lecturer

Staff

Bellmont Hall

Shirley S. Bazemore, Grad Prog. Coordinator II
Patty Coffman, Administrative Associate
Jana Cox, Administrative Associate
Maggie Demps, Stores Clerk III
Zhenping Ding, Res Engr/Scientist Assistant
Ruth C. Figg, Administrative Associate
Raffaella Garcia, Administrative Associate
Sandra Graham, Administrative Associate
Richard Head, Technical Staff Assistant II
Gloria L. Herrera, Administrative Assistant
Karissa D. Horton, Administrative Assistant
Cynthia J. Mills, Administrative Associate
Mary Ann Ortiz, Administrative Assistant
Mina Rathbun, Executive Assistant
Emily Vance, Administrative Associate

Anna Hiss Gym

Rachael Levalley, Administrative Assistant
Ras Thompson, Maintenance Worker II
Gwendolyn P. Vanpelt, Administrative Associate

Department Committees

BUDGET COUNCIL

John L. Ivy*
Lawrence D. Abraham
Laurence Chalip
Edward F. Coyle
Charles Craven
Elizabeth Edmundson
Roger P. Farrar
Nell Gottlieb
Carole Holahan
Jody Jensen
Fred Peterson
Tere Ramirez
Waneen W. Spirduso
Joseph W. Starnes
Mary Steinhardt
Jan Todd
Pete Tyson

GRADUATE STUDIES COMMITTEE

Nell Gottlieb*
Lawrence D. Abraham
John Bartholomew
Laurence Chalip
Carla Costa
Edward F. Coyle
Jonathan Dingwell
Elizabeth Edmundson
Roger P. Farrar
Daniel Funk
Chris Green
Lisa Griffin
Carole Holahan
John L. Ivy
Jody Jensen
Alexandra Loukas
Fred Peterson
Waneen W. Spirduso
Joseph W. Starnes
Mary Steinhardt
Hiro Tanaka
Jan Todd

EXERCISE PHYSIOLOGY & PSYCHOLOGY

Roger P. Farrar*
John Bartholomew
Edward F. Coyle
John L. Ivy
Phil Stanforth
Joseph W. Starnes
Hiro Tanaka

HEALTH EDUCATION

Nell Gottlieb*
John Bartholomew
Elizabeth Edmundson
Carole Holahan
Alexandra Loukas
Fred Peterson
Mary Steinhardt

MOTOR BEHAVIOR

Waneen W. Spirduso*
Lawrence D. Abraham
Jonathan Dingwell
Brian Fay
Lisa Griffin
Jody Jensen

PHYSICAL EDUCATION PROGRAM

Charles Craven*
Don Crowley
Amanda Gammage
Robert Haugen
Dorothy Lambdin
Mark McEntyre
Randy Oehrlein
Tom Parrish
Jay Reichman
Rosemary Slacks
Dixie Stanforth
Jan Todd
Terry Todd
Kim Tyson
Pete Tyson
Tai Yoon

PHYSICAL EDUCATION TEACHER EDUCATION (PETE)

Tere Ramirez*
Pamela Buchanan
Charles Craven
Don Crowley
Amanda Gammage
Robert Haugen
Dorothy Lambdin
Rosemary Slacks
Jan Todd
Kim Tyson

SPORT MANAGEMENT

Laurence Chalip*
Charles Craven
Carla Costa
Maureen Fitzgerald
Chris Green
Daniel Funk
Jan Todd

DEAN'S FELLOWS

Carole Holahan*
Chris Green
Mary Steinhardt
Jan Todd

FACULTY TEACHING AWARD

Tere Ramirez*
Charles Craven
Dorothy Lambdin

HUMAN SUBJECTS-DRC

John Bartholomew*
Jon Dingwell
Alexandra Loukas
Mary Steinhardt

MANAGEMENT TEAM

John L. Ivy, Dept. Chair*
Charles Craven, Physical Education Program
Laurence Chalip, Sport Management
Roger P. Farrar, Exercise Physiology
Nell Gottlieb, Health Education
Tere Ramirez, PETE
Joseph W. Starnes, Graduate Program
Waneen W. Spirduso, Motor Behavior
Jan Todd, Undergraduate Program

POST TENURE REVIEW

Nell Gottlieb*
Laurence Chalip
Roger P. Farrar
Mary Steinhardt

SUBVENTION FUND

Waneen Spirduso*
Roger P. Farrar
Daniel Funk
Carole Holahan

ATHLETIC TRAINING

Brian Farr*
Tina Bonci
Charles Craven
A. Hardin

MENTORING COMMITTEE

Edward F. Coyle for Hiro Tanaka
Jody Jensen for Jon Dingwell
Waneen Spirduso for Lisa Griffin

MERIT EVALUATION

Nell Gottlieb
Service
Laurence Chalip*
Carla Costa
Hiro Tanaka
Teaching
Joseph W. Starnes*
Chris Green
Alexandra Loukas
Scholarship
Daniel Funk*
Jon Dingwell
Carole Holahan

MERIT EVALUATION FOR LECTURERS & SPECIALISTS

Charles Craven
Service
Robert Haugen*
Amanda Gammage
Dolly Lambdin
Kim Tyson
Teaching
Tai Yoon*
Pamela Buchanan
Don Crowley
Rosemary Slacks
Scholarship
Tere Ramirez*
Jay Reichman
Dixie Stanforth
Pete Tyson

STUDENT TRAVEL AWARD

Joseph W. Starnes*
Brian Fay
Maureen Fitzgerald
Fred Peterson

UNDERGRADUATE ADVISORY

Jan Todd*
Charles Craven
Edward F. Coyle
Maureen Fitzgerald
Tere Ramirez
Fred Peterson

Graduate Program

The State Higher Education Coordinating Board recently approved the addition of new kinesiology PhD specializations in sport management and in interdisciplinary sport studies. These additions expand the department's PhD programs, which also include exercise physiology and motor behavior specializations within the kinesiology major and health promotion and behavioral health specializations within the health education major. The number of students in our graduate program grew 11.6% compared to last year. In the 2002 fall semester 154 graduate students were enrolled: 109 master's students, 40 doctoral and 5 non-degree seeking students. Of these students 34 were in our health education major and 115 in our kinesiology major. The 2002 Spring semester saw similar numbers. We graduated 41 students: 4 with doctoral and 37 with master's degrees. Of these graduates 30 majored in kinesiology and 11 majored in health education.

Our graduate students continue to benefit from a growing number of graduate scholarships and fellowships. The Long Fellowship in honor of former Kinesiology and Health Education Chairman Dr. Lynn McCraw, is now in its third year of providing support to an outstanding graduate student within the department. The 2002-2003 recipient was Nick Bourne, a PhD student in Sport History. The South Texas Graduate Fellowship is a new recruiting fellowship open to all university students and Thomas Stanko (MED exercise physiology) received this award in 2002-2003. Last year two of our students were selected as Harrington Fellows, which provides each student with full tuition and a \$25,000 stipend and is the highest honor given by the University. Yiquan Zou (MA exercise physiology) received a Harrington Recruiting Fellowship and Ryan Taylor (PhD exercise physiology) received a Harrington Dissertation Fellowship. Only 16 Harrington Fellows were selected in 2002-2003, so having two of our students receive this prestigious award is a major achievement. Additional Masters recruiting fellowship funds provided by the Graduate School, the Alderson Recruiting Fellowship and the Henderson Award helped attract several students including: Hyun Jae Lee (sport management), Xuaoyan Xing (sport management), Edward Merritt (exercise physiology), and Brian Dauenhauer (exercise physiology). Travel award funds made available from Dean Justiz's office plus a small amount from the Graduate School supported 14 students to travel and make presentations at national meetings. Participation in national professional meeting adds tremendously to the graduate school education and each award covered approximately 65% of the student's cost.

Many students were recognized with other significant honors. Miriam Cortez-Cooper (PhD exercise physiology) received a National Research Service Award from the National Institutes of Health, which provides full support plus stipend for two years of doctoral study. Tammy Jordan (PhD health education) was selected to receive a coveted University Continuing Fellowship, which provides each student with full tuition and a \$16,000 stipend. Tom Korff (PhD motor behavior) received a University Tuition Fellowship. James Supak (MA exercise physiology) and Tammy Jordan (PhD health education) were selected as the 2002-03 recipients of the Professor and Mrs. Karl K. Klein Fellowship. Mary Buice Alderson Teaching Scholarships for outstanding graduate student teaching were awarded to four students: Tammy Jordan (health education), Ryan Howard (sport management), Rob Sprague (exercise physiology), and Leah Melder (sport management).

Graduate Program Degree Options

Kinesiology/Exercise Physiology & Motor Behavior

The Department of Kinesiology and Health Education offers a broad spectrum of study in the exercise sciences at both the masters and doctoral levels. A large faculty and ample laboratory facilities afford students the opportunity to choose from a variety of courses, laboratory experiences and clinical training. Faculty are actively engaged in both basic and applied research with paradigms ranging from the whole body to subcellular investigations. Research expertise and areas of study include exercise physiology, clinical exercise physiology, sport sciences and nutrition, exercise and sport psychology, motor control and learning, biomechanics and physical development and aging. Students receiving a master's degree typically continue to study in a doctoral program or work in health-related professions or sport analysis settings. Students who receive a PhD typically pursue further research opportunities in university settings as postdoctoral fellows or faculty members, or find employment in the business sector in a research or health-related field.

Health Education/Health Promotion or Behavioral Health

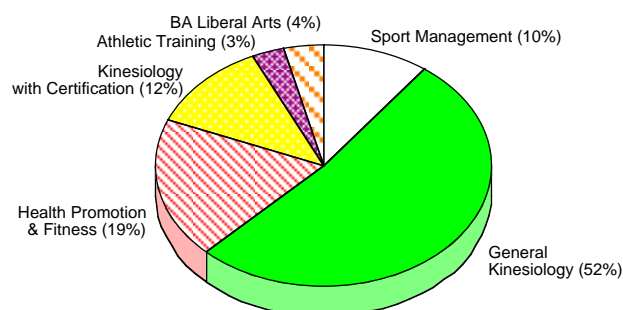
Health Education at UT Austin is an interdisciplinary program that prepares students for academic, research, and applied careers in health promotion. The programs emphasize a multidisciplinary, bio-behavioral, and developmental approach to health promotion. Our program bridges theory and research from public health, psychology, education, behavioral medicine, and other social sciences. Health education graduate programs include options for the non-thesis MEd, the MA with thesis, the EdD or PhD. The master's programs prepare researchers and practitioners for leadership roles in higher education, schools, community health care settings, business, government agencies, and voluntary health agencies. The PhD prepares students for academic and research careers with specializations in Health Promotion or Behavioral Health. Students admitted to the graduate programs conduct theory-driven research utilizing a variety of quantitative and qualitative methods and participate in research and applied opportunities within and outside the university. Content areas include research on tobacco prevention, obesity prevention, HIV risk reduction, alcohol and drug abuse prevention, successful aging, coping with chronic illness, aggression prevention, "best practices" of prevention activities in medical care settings, women's health, wellness and resiliency, child and adolescent health, as well as the delivery of school-based interventions.

Kinesiology/Sport Management

This master's level program prepares its graduates to work as sport managers, most often the educational environment; however, professional sports and leisure services are also areas in which our graduates have secured employment. Sport management has become sufficiently unique to require specialized professional preparation. The program is interdisciplinary in nature with the required core courses being taken in the Department of Kinesiology and Health Education. Supporting coursework is taken from other departments in the College of Education and the College of Business. The program allows flexibility to meet the individual's needs and interests of the students. The culminating experience of this program involves the completion of an internship in sport marketing. This practicum takes place in a wide variety of settings and involves multiple administrative tasks and experiences. The students are exposed to varied experiences in the following areas: budgeting and finance; community relations; event management; facility management; media and public relations; sport management; and ticket sales. Such an internship allows students to utilize their academic preparation in a sport specific work setting. In such a setting they are able to apply their knowledge and skills in decision-making, problem solving, strategic planning, evaluation, communication, and leadership. As a result, students gain valuable experience in their chosen area of specialization which serves to enhance their marketability.

Undergraduate Program

2002-2003 Kinesiology Majors



Undergraduate enrollment in the Department of Kinesiology and Health Education increased to 668 majors in 2002-2003, an increase of more than 40 students from the previous year. While the formation of the new major in Athletic Training accounted for some of the growth, the General Kinesiology major showed a large increase, moving to 348 majors or 52% of all majors in the department. Enrollment in the other undergraduate majors of the Department of Kinesiology and Health Education has remained relatively constant over the past five years, except for the Health Promotion and Fitness major, which for the second year in a row, showed a slight decline in popularity with students.

Five Year Undergraduate Enrollment

Major	98-99	99-00	00-01	01-02	02-03
Sport Management	154	140	65	75	68
General Kinesiology	219	238	227	277	348
Health Promotion & Fitness	143	166	170	141	125
Teacher Certification	98	86	89	101	81
Athletic Training	0	0	0	0	20
BA Liberal Arts	14	32	30	27	26
TOTALS	628	662	581	621	668

Total Number of Kinesiology graduates in 2002-2003

Major	Number of Graduates
Sport Management	24
General Kinesiology	72
Health Promotion & Fitness	40
Kinesiology with Certification	17
Athletic Training	0
BA Liberal Arts	8
TOTALS	161

One hundred sixty one undergraduate students completed their degrees in 2002-2003. Among these were two students who graduated with highest honors and two who graduated with honors.

Undergraduate Program Degree Options

The Department of Kinesiology & Health Education offered four majors to its students in 2002-2003: Health Promotion and Fitness, General Kinesiology, Athletic Training, and Sport Management. Within the Kinesiology major, students chose from two options: General Kinesiology (noncertification), and Teacher Certification. The Teacher Certification program is designed for students interested in studying human movement as a background for careers as coaches and physical educators; students who have completed the program may be entitled to teach in grades one through twelve. In addition, the College of Liberal Arts, working in cooperation with The Department of Kinesiology and Health Education and the College of Education offered a Bachelor of Arts in Kinesiology.

The **Bachelor of Science in Kinesiology** (General Kinesiology) is appropriate preparation for further professional study in sport and exercise science or in movement-related areas such as physical and occupational therapy. The major consists of 130 semester hours of coursework and includes required courses in Anatomy, Exercise Physiology, Biomechanics, Motor Learning and Control, and the psychosocial foundations of movement. Twelve elective hours in the major allow students to individualize their program by selecting courses in exercise science, sport management, teacher education and health promotion. Some graduates of this program seek careers related to sport, fitness, and exercise. Many plan to pursue graduate or professional study in areas such as exercise and sport science, sport medicine, physical therapy, occupational therapy, or other allied health professions. Students who plan to pursue pre-medicine, pre-veterinary, pre-dental, pre-physical therapy or any other health-related professional must also consult with an academic advisor in the Health Professional Office.

The **Bachelor of Science in Kinesiology** (All-Level Certification) Many Kinesiology graduates select specified electives and supporting courses to qualify for teaching certification in physical education at all levels (Early Childhood – 12th Grade). All-level certification prepares students for positions as physical education specialists at either the elementary or secondary level. The all-level program allows students to explore developmental issues of children and adolescents, learning theory, teaching methods, with a strong component of field experience in the public schools. Although the State of Texas does not have a certification program for coaching, many positions at the secondary level also provide the opportunity to coach one or more sports.

The **B.S. degree in Kinesiology with a major in Health Promotion and Fitness** consists of 130 semester hours of coursework. “Health Promotion” is defined as any combination of health education and related means designed to activate changes conducive to better health. In 2002-2003 the Undergraduate Advisory Committee adopted two advising tracks for the Health Promotion and Fitness major. Students may now choose between a concentration in fitness training and assessment and health promotion with a behavioral health foundation. Upon graduation, Health Promotion and Fitness majors will be prepared for careers in community health care settings, corporate fitness and wellness centers, government agencies, voluntary health agencies, and fitness rehabilitation. Many of our students also pursue graduate degrees in health promotion or related fields of study such as physical therapy, allied health, nursing, nutrition or counseling.

The **B.S. degree in Kinesiology with a major in Sport Management** is designed to prepare graduates for careers in the management, marketing, and administration of sport programs in educational settings and in the world of sport business. The degree consists of 130 total hours of coursework with 45 hours in Kinesiology and other professional development courses. Required courses include such classes as Sport Law, Sport Philosophy, Structure and Organization of Sport Programs, Revenue and Budgeting in Sport, and Sport and Event Promotion. The degree also requires students to do both fieldwork and a semester-long internship in some aspect of the sport industry. Some recent undergraduates fulfilled these obligations by working for the Round Rock

Express baseball team, the Austin Ice Bats hockey team, the San Antonio Spurs basketball team, the University Interscholastic League, the Lance Armstrong Foundation, and a wide variety of other professional sport and recreational agencies. Some students choose to continue their education through graduate studies in sport management, law and business. Admission to the degree is now competitive and requires a formal application by the student.

The B.S. degree in Kinesiology with a major in Athletic Training prepares students for a career as a Certified Athletic Trainer (ATC), but also builds a solid foundation for students interested in medicine, sports medicine, physical therapy, occupational therapy, or other allied health care professions. Athletic Trainers are allied health care professionals that specialize in the prevention, evaluation, care, and rehabilitation of injuries to athletes and those engaged in physical activity. The Athletic Training major consists of 130 semester hours of coursework, with 33 credit hours of required coursework, 12 credit hours of Kinesiology electives, and a minor with 15 credit hours. Typical employment settings for graduates of the program include college and university athletics, high schools, clinics and hospitals, professional sports teams, and corporate and industrial health care settings. Many students also continue their education in graduate, medical, or allied medical schools

The Bachelor of Arts in Kinesiology allows students to major in Kinesiology while pursuing a Liberal Arts degree. Flexible in design, the basic requirements for the BA in Kinesiology & Health include 1) completion of the basic education requirements required of all Liberal Arts undergraduates, 2) completion of a minimum of 30 hours of Kinesiology and Health Education courses, and 3) completion of an 18-hour minor. Although students in this degree are free to choose from any KHE classes offered in the catalog, students with specific interests may find the following tracks useful as advising aids. Students interested in exercise science with plans to attend medical school, physical therapy school or interest in pursuing careers in allied health sciences, should consider following **Major Option I: Kinesiology—Exercise Science**. Students interested in careers in public health, graduate school in health, and/or working in health promotion should consider following **Major Option II—Health**. Students interested in pursuing graduate study in sport sociology, sport history, journalism, or sport management, should consider following **Major Option III—Sport Studies**. Liberal Arts majors should visit with an advisor in the College of Liberal Arts and in the Department of Kinesiology and Health Education to make sure they are on track.

Degrees Awarded

DOCTORAL DEGREES

Exercise Physiology

Donovan Fogt; Advisor – John L. Ivy

Health Education

Justin B. Moore; Advisor – John Bartholomew

Laura McMorris; Advisor – Nell Gottlieb

Debra Wishard; Advisor – Fred Peterson

Tammy Jordan; Advisor – Fred Peterson

Interdisciplinary

Pam Westenberg; Advisor – Jan Todd

MASTERS DEGREES

Biomechanics

Ana Almodovar, MA

Exercise Physiology

Konstaninos Chatzichristos, MED

Frances A. Danis, MED

Todd Al Fagan, MED

Mark E. Gardner, MED

Olga S. Gerhart, MED

Meredith Hodgkinson, MED

Natalie A. Irvin, MED

Karen J. Lasky, MA

Young-Il Lee, MA

Laurie C. Lichtenberg, MA

Lisa M. Martin, MED

Benjamin J. Mathis, MA

Eric D. Neiswenter, MED

Eunmi Park, MED

Yoonjung Park, MA

Matthew O. Widzer, MA

General Masters

Kimberly A. Lacy, MED

Scott E. Spencer, MED

David C. Walker, MED

Health Education

Jennifer K. Curtiss, MED

Heidi M. Fagerlund

Baker Harrell

Tracie A. Harrington

Marianne Louise Little

Yuwen Ren

David Cory Walker

Sport Management

Carlos T. Crusco, MED

Todd J. Dorgan, MED

Keely R. Franks, MED

Amber L. James, MED

Christopher M. McNelley, MED

Leah M. Melder, MED

Jennifer Renola, MED

Sarah Rose, MED

Mark Swanson, MED

Graduate Fellowships and Awards

Professor & Mrs. Karl K. Klein Endowed Graduate Scholarship

Tammy Jo Jordan
James Supak

UT Austin Harrington Fellowship

Ryan Taylor
YiQuan Zou

Long Fellowship in honor of Dr. Lynn McCraw

Nicholas Bourne

University Continuing Fellowship

Tammy Jo Jordan

Alderson Graduate Student Teaching Award

Tammy Jordan, Ryan Howard, Rob Sprague, Leah Melder

Alderson Recruiting Fellowship

Brian Dauenhauer

University Tuition Fellowship

Thomas Korff

University Recruiting Fellowship

Ed Merritt
Xuaoyan Xing

South Texas Graduate Fellowship

Thomas Stanko

Joseph & Kathryn D. Henderson Scholarship (College of Education)

Hyun Jae Lee

NIH National Research Service Award

Miriam Cortez-Cooper

Graduate Student Travel Fellowships

Maria Milagros Anton
Atul Chopra
Miriam Cortez-Cooper
Thomas Korff
Benjamin Jason Mathis
Rie Suzuki
Christopher White

Peikuang Chao
Joseph Ciccolo
Tammy Jo Jordan
Ting Liu
Bridget Miller
Kiaoyan Xing
Matthew Widzer

Undergraduate Fellowships and Awards



2002-2003 Lynn W. McCraw Undergraduate Award Recipient
Brian Quinn (*pictured here with Prof. Charles Craven*)



2002-2003 ALDERSON STUDENT TEACHING SCHOLARSHIP RECIPIENTS
Front Row: Peter Alderman, Sara Paisley, Sarah Downing, Dr. Lambdin and Janet Kirkland.
Back Row: Ben Houck, Jeff Banner, and Laura Holt



ALDERSON UNDERGRADUATE SCHOLARSHIP RECIPIENTS 2002 -2003
Alison Haley Burnes, John Crisp, Dr. Lambdin, Yaw Anokye Poku, and Cory Krueger
Not pictured: Jennifer Bastek

The 2002-03 academic year was a productive first year for the Athletic Training Major and the Athletic Training Educational Program (ATEP). The year began with the ATEP being awarded “candidacy” status by the Joint Review Committee – Athletic Training and ended with 18 students being admitted to the ATEP as the first class of Athletic Training Majors.

There are two options offered within the Athletic Training Major – the ATEP option and the major only option. Most students chose the ATEP option which requires them to complete the prescribed coursework while performing clinical rotations. Upon completion of the ATEP, students will be eligible to sit for the athletic trainer licensure examination offered by the Texas Department of Health’s Advisory Board of Athletic Trainers. Once the ATEP obtains CAAHEP accreditation, students will also be eligible to sit for the national certification examination offered by the National Athletic Trainers’ Association Board of Certification (NATABOC). Students opting for the major only route will complete the coursework without participating in the clinical rotations and will not be eligible to sit for the licensure nor the national certification examinations.

ACCREDITATION PROCESS

Obtaining JRC-AT candidacy is the first step towards accreditation by the Commission on Accreditation of Allied Health Education Programs (CAAHEP). Athletic training educational programs are required to participate in the JRC-AT candidacy process for a minimum of two years before applying for CAAHEP accreditation. Upon completion of the candidacy process and formal application by the ATEP, the JRC-AT will perform a site visit to evaluate the program’s compliance with JRC-AT’s and CAAHEP’s standards and guidelines. After the site visit, the JRC-AT will make a recommendation to CAAHEP to either approve or deny accreditation. CAAHEP then reviews the recommendation and renders a decision. The ATEP anticipates a site visit in September 2005.

CURRICULUM

There were five didactic courses and two fieldwork courses offered this year. Of the five didactic courses, two were offered for the first time while two others were completely restructured to accommodate the new demands of the major. The only course to go relatively unchanged was a lower division course open to both majors and non-majors. Both fieldwork courses were also restructured to meet the new demands. The fieldwork courses have been changed from a clinical hours based course to a competency and proficiency based course. The revised courses require students to develop the knowledge and skills presented in the classroom and laboratories and prove their competence and proficiency in applying the knowledge and skills in the clinical setting. This is done by the student meeting with an Approved Clinical Instructor (ACI) in a one on one situation to demonstrate their ability to apply their knowledge and skills on an actual patient / athlete or a model. The ACI’s are staff members and graduate assistants from the Athletic Training staff who went through a five hour in-service to become ACI’s.



Students participating in a lab session

STUDENTS

The class of 18 new students joined 12 athletic training internship students giving the program 30 athletic training students in its first year. The 18 students that made up the first class in the ATEP were selected after completing the Directed Observation (D.O.) Program during the 2002-2003 academic year. The D.O. program is a mandatory pre-professional program that lasts for one to two semesters. D.O. students participate in a series of clinical rotations with the Department of Intercollegiate Athletics' Athletic Training and Sports Medicine Staff. The clinical rotations require students to spend five hours per week in the athletic training room. During this time, the D.O. students learn about the athletic training profession and the ATEP. They also learn basic athletic training skills on which they are later tested. Performance on these skills assessments is one of the determining factors for admission. While in the D.O. program, the students rotate to a new sport or training room each week in order to meet the entire athletic training staff. This also provides an opportunity for the staff to observe and evaluate each student. The evaluation scores are another factor for admission. Upon completion of the D.O. program, the students apply to the ATEP and major. Admission is a competitive process where students are ranked according to their GPA, performance in the prerequisite courses, scores from the staff's evaluations and performance on the skills assessment. Nearly 50 students participated in the D.O. program throughout the year.

Annual student awards are presented by the Department of Intercollegiate Athletics through the Athletic Training and Sports Medicine staff. This year's award recipients were:

Service Awards

Quadrian Banks
Enisha Clark
Todd Fagan
Mark Gardner
Mariann Holland
Wai Lee
Troy Rabon
Bobby Reyes
Sarah Rose

Academic Awards



Lance Bernard
Wai Lee
Donald Nguyen
Bobby Reyes
Enisha Clark
Rios
Westmoreland
Young
Zinn

Student Athletic Trainer

* Donald was also selected by the NFL's Houston Texans to serve as a summer intern with their sports medicine staff

Most Improved Student Athletic Trainer: Lance Bernard

*Lance Bernard was also the recipient of the inaugural ATEP P.R.I.D.E. Award in recognition of his excellence in the classroom.

L to R: D. Nguyen and L. Bernard

GRADUATES

Since the major is new, there were no official graduates from the program. However, six undergraduate students completed the athletic training internship program and graduated from UT. Of these students, one is serving as an intern with The University of Washington Athletic Training Department as she completes the prerequisites for physician assistant's school; one is employed by Motorola in their corporate wellness center; two others are completing prerequisites for physical therapy school while working as physical therapy aides, and another has been accepted to law school. In addition to the undergraduate students, three graduate students associated with the athletic training program graduated. Two of these students were serving as graduate assistants in the athletic training room while the third was a teaching assistant with the ATEP. One of the students is working with the New York Jets, another is employed with a sports medicine clinic, and the third was hired as the athletic trainer at Dripping Springs High School.

FACULTY & STAFF

The 2002-03 academic year saw the hiring of Brian Farr as a Lecturer and Director of the Athletic Training Major and ATEP. Farr came from the Department of Intercollegiate Athletics, where he served as the Head Athletic Trainer with the Men's Basketball Team. He also designed the curriculum for the current major, coordinated the athletic training student internship program, and taught courses in the Department of Kinesiology and Health Education.



Staff and students join for the end of the year gathering

Farr is a nationally Certified Athletic Trainer (ATC), a Texas Licensed Athletic Trainer (LAT), and a Certified Strength and Conditioning Specialist (CSCS). He is active in the NATA and serves as a NATABOC reviewer for home study continuing education programs. Farr is also a member of the South West Athletic Trainers' Association (SWATA) and gave a presentation on Heat Illnesses at their 2003 Educational Symposium. He also assisted with an article that was published in The Journal of Strength and Conditioning Research.



02-03 Longhorn Sports Medicine Camp

Farr was actively involved with recruiting for the major. He was invited to speak to UT's Physical Therapy Organization and participated in two conferences for high school athletic training student aides. Farr, along with members of the athletic training staff, also organized the Longhorn Sports Medicine Camp. This summer camp provides an opportunity for high school students to come

to UT for three days of lectures and demonstrations on various athletic training topics. Thirty-eight students participated in the 2003 camp.

Farr is also the faculty sponsor for the Student Athletic Trainers' Association (SATA). The SATA, open to all UT students that are interested in athletic training and sports medicine, saw its highest membership numbers since it was founded in 2000. The association has plans to raise money that will be used to bring in guest speakers, send student members to athletic training and sports medicine conferences, assist in covering the costs of the licensure and certification examinations, and create a scholarship fund. This year, the SATA sponsored two visits to the cadaver lab at SWT. Future plans are to revive the Longhorn Lecture Series, an in-service series for area ATC's and athletic training students.

Karissa Horton was hired as the administrative assistant for the program and was instrumental in making the first year of the program run as smoothly as it did.

The area of Exercise Physiology has enjoyed a productive year during 2002-2003. Together the directors of the various laboratories have obtained research grants and gifts to underwrite their research from NIH (3), Texas Department of Health (2), Center for Disease Control, Southwest Research Foundation, Department of Defense-US Army Medical Research, Center for Health Promotion at the University of Texas, City of Austin, Cargill Industries (2) and Quaker Oates for a total of slightly more than 1.1 million dollars. These funds helped underwrite 25 publications in top journals in the field including Journal of Applied Physiology, American Journal of Physiology, Journal of Physiology, Cardiovascular Research, Canadian Journal of Applied Physiology, Hypertension, American Journal of Cardiology, American Journal of Clinical Nutrition., Acta Physiologica Scandanavica and Genome Biology.

The various laboratories represent a broad base of research interest from fitness testing to cellular mechanism of cardiac protection against ischemia/reperfusion during the aging process. Specifically, the current research focus by investigator are:

Dr. John Bartholomew is funded by the Texas Department of Health and the Center for Disease Control. His research is a collaborative effort with Dr. Alex Loukas of the Health Education group within the Department of Kinesiology. The objective of this three year project is to design, implement, and evaluate a school based intervention to increase physical activity and the consumption of fruits and vegetables.

Dr. Ed Coyle's research is currently focused on the electrolyte content of sweat in highly trained people during prolonged bouts of exercise. Quaker Oats will be sponsoring his research team to travel to Hawaii to collect samples of sweat from the competitors of the Iron Man Triathlon in October of 2003. Dr. Coyle recently presented "Fluid Replacement During Exercise" at the International Olympic Committee. June 10, 2003, Switzerland and has been working with the Texas legislature for passage of a bill to ensure safe training practices for athletes in the heat of Texas. Dr. Coyle was honored by the American College of Sports Medicine as they asked him to give the Presidential lecture entitled "Endurance Performance Physiology: Application and Remaining Mysteries" at the 50th Annual Meeting of The American College of Sports Medicine held in San Francisco, California in May of 2003.

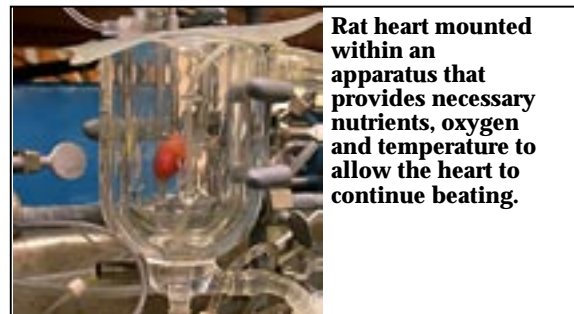
Dr. Roger Farrar's research is focused on the ability of skeletal muscle to alter phenotypic expression. To determine the influence of IGF-I upon skeletal muscle hypertrophy his laboratory has utilized animal models in which expression of IGF-I is elevated or reduced. The mice or rats undergo resistance training and the effect of altered levels of IGF-I expression upon skeletal muscle mass and function is quantified. His laboratory is also studying the effect of tourniquet-induced ischemia/reperfusion upon skeletal muscle function and recovery from ischemia/reperfusion injury. This research is supported by the Department of Defense. Dr. Farrar is also collaborating with Dr. Jan Todd on a three-year study funded by the City of Austin to enhance physiological capacity of female firefighter applicants to Austin Fire Department. Women who have participated in this study have had over a 65% passing rate on the CPAT testing, where before this program was instituted the passing rate for women was 15%.

Dr. John Ivy is funded by research monies from Cargill Industries to study the role of carbohydrate and protein supplements on regulation of protein translation. Dr. Ivy was recently invited to present his findings at a Symposium: Nutritional Strategies for Military Crew - Operation and Performance Considerations at the Aerospace Medicine Association Annual Scientific Meeting held in San Antonio, Texas, May 2003. He also gave the keynote address at the Taiwan National Sports Medicine Congress in Taipei, Taiwan and was an invited speaker at the World University Games held in

Daigu, South Korea. Dr. Ivy continues to investigate the regulation of muscle glucose transport and the effects that exercise training have on skeletal muscle insulin resistance. This research involves the use of the obese Zucker rat and transgenic mice that overexpress the enzyme glycogen synthase. Dr. Ivy is also funded from NIH to investigate the effects of β_2 -adrenergic agonists and ginseng on glucose tolerance and insulin-stimulated muscle glucose transport.

Mr. Phil Stanforth heads up the Fitness Institute of Texas. Mr. Stanforth oversees four graduate research assistants who offer evaluation of fitness to over 1,500 students per semester. The assessment of body composition has been greatly facilitated by the acquisition of a DEXA. This has allowed Mr. Stanforth to collaborate with a variety of research units on campus who are evaluating body composition of their subjects. The Fitness Institute of Texas will be doing assessment of fitness and predictors of performance for the USA Federation of Swimming. These assessments will offer valuable research and clinical training for many graduate students. Mr. Stanforth also received funding from the Texas Department of Health to host a conference and training on the topic of childhood obesity.

Dr. Joe Starnes continues to evaluate mechanisms that exercise training may serve to protect the heart from periods of ischemia. His work has focused on the role of heat shock proteins and antioxidants in protecting the heart from ischemic damage. Dr. Starnes recently has started a two-year grant from NIH in which he will be evaluating the role of exercise in providing protection to the heart during the aging process.



Dr. Hiro Tanaka's research effort has been directed toward the influence of aging and lifestyle modifications on cardiovascular disease risk and functions in humans. In particular, Dr. Tanaka is interested in determining the efficacy of regular physical activity for primary and secondary prevention of age-related changes in arterial function and structure. Currently he has received a new five-year grant from NIH in which his laboratory group will investigate the effects of resistance training upon arterial stiffness during the aging process. Dr. Tanaka also has received funding from The Southwest Research Foundation, and the Center for Health Promotion Research at the University of Texas. In addition Miriam Cortez-Cooper received an NIH Pre-doctoral Fellowship to work in Dr. Tanaka's laboratory.



Subject undergoing tests in Dr. Tanaka's Cardiovascular Aging Research Lab.

The level of scholarly activity has attracted graduate students from Texas, across the United States and throughout the world. The interaction of students from diverse backgrounds has provided fertile interactions in class and in the laboratories, as many different perspectives are integrated about specific topics and concepts. Currently there are 49 students pursuing masters degrees and an additional 9 doctoral students. These students have an opportunity to study exercise physiology in paradigms ranging from protein interactions to whole body responses. We are excited about the contributions that these students will make in the future to the field of Exercise Physiology, from clinical settings to basic research models that will allow us to understand the contribution exercise and diet can make to healthy living.

Bachelor of Science in Kinesiology with a major in Health Promotion and Fitness consists of 130 semester hours of coursework. Forty-two semester hours comprise the major. Health promotion is defined as any combination of health education and related means designed to activate changes conducive to better health. The program emphasizes health promotion with a behavioral health foundation. Required courses include Introduction to Health Education, Evaluation and Research Design, Epidemiology in Health Promotion, Applied Human Anatomy, Physiology of Exercise, and Management of Sport and Health Promotion Programs. Health Promotion and Fitness students are also required to complete a semester long internship in a setting of their choice. Typical settings for the internship include corporate wellness centers, private health clubs, community based organizations, spas & resorts, and medical clinics. Upon graduation, Health Promotion and Fitness majors will be prepared for careers in community health care settings, corporate wellness centers, government agencies, voluntary health agencies, and fitness rehabilitation. Many of our students also pursue graduate degrees in health promotion or related fields of study such as physical therapy, public health, nursing, nutrition, or counseling.

The HED program includes specializations in health promotion and behavioral health. At the undergraduate level, we offer the B.S. in Health Promotion and Fitness and the BA Liberal Arts degree in Kinesiology and Health. The core faculty include Elizabeth Edmundson-Drane, Nell Gottlieb, Carole Holahan, Alexandra Loukas, Fred Peterson, and Mary Steinhardt. Dr. Karol Kaye Harris served as adjunct faculty.

The faculty published articles in journals such as Health Education and Behavior, Health Promotion Practice, American Journal of Health Promotion, Journal of Abnormal Psychology, Journal of Community Psychology, and Psychology and Health. Faculty presented their research at more than 27 national conferences, including the American Public Health Association, American School Health Association, American Alliance for Health, Physical Education, Recreation, and Dance, the Society for Research in Child Development, the American Dietetic Association, the Association for Supervision and Curriculum Development, the National WIC Association Nutrition and Breastfeeding Conference, the National Conference on Tobacco or Health, and the World Conference on Tobacco or Health.

Grants and Funding: Faculty received a total of \$1,304,569.50¹ in grant support from the Texas Department of Health, Centers for Disease Control and Prevention, Motorola, 3M, Applied Materials, Hogg Foundation, the Association of Supervision and Curriculum Development, Community Wrap SPRANS, Home Depot, Selfhelp Works.com, Department of Health Services, and the UT Vice President's Office.

Faculty Award & Honors: HED faculty received honors, provided important service to the University and community, and made numerous contributions to the field. Among these, Dr. Carole Holahan was promoted to full professor and Dr. Mary Steinhardt received the Texas Excellence Teaching Award. Dr. Fred Peterson continued to serve as director of the "Health in Education" Network for the Association for Supervision and Curriculum Development, was appointed to serve on the Texas Adolescent Health Advisory Council for the Texas Department of Health, and was elected to the Council of the School Health and Education Services Section of the American Public Health Association. Dr. Nell Gottlieb served as member of Executive Board and chair of the

¹ Where Health Education faculty was co-PI, only half of grant amount was calculated in total grants.

Intersectional Council of the American Public Health Association, and served on the University Faculty Council.

Student Honors: Judy Webster was awarded a UT Continuing Fellowship, Mark Mallon was awarded the Alderson Teaching Award, Rie Suzuki was awarded the Karl Klein Award, and Chris White was accepted to participate in the International Institute on Sexuality in Amsterdam, The Netherlands. Graduate students in dr. Nell Gottlieb's Intervention Mapping class received Coca Cola Synergy Fellowships for their work with Seton Hospital on appropriate utilization of the emergency room.

New Graduates: We are proud of the accomplishments of our recent PhD graduates. After completing their dissertation research, Tammy Jordan accepted an assistant professor of Health Education position at UT-San Antonio, Katherine (Tré) McCalister accepted a post-doctoral position at the University of Michigan, and Justin Moore accepted a post-doctoral position at Georgia Medical College. Joy Stewart-James and Debra Wishard received their doctoral degrees and retained their positions as director of occupational health services at St. David's Medical Center in Austin and as an independent consultant/physical therapist, respectively.

This is the last year that our report will come under the heading of “Motor Behavior;” in the future, it will be called Movement Sciences. For the past year, our faculty, which includes Larry Abraham, Jon Dingwell, Jody Jensen, and Waneen Spirduso, devoted several half-day retreats to the complete restructuring of our graduate programs. Our newest faculty member, Lisa Griffin, Ph.D. from York University in Canada, joined us in January 2003 and contributed substantially to our curriculum revisions. Our newly developed programs, which are tailored to fit the specific expertise of our new faculty and their interactive capabilities with existing faculty, were submitted for approval to the Graduate Studies Committee in late August, and were consequently accepted. Movement Sciences now includes graduate programs in Biomechanics; Development Science: Pediatrics and Aging; Motor Control and Learning, Clinical Movement Science, and Sports Movement Science.

We are also pleased with the development of Lisa Griffin’s new neuromuscular physiology laboratory, in which she and her students investigate the control of muscle force during adulthood and aging using EMG recordings to investigate motor unit recruitment and firing patterns during muscle fatigue and exercise training. Also, Larry Abraham’s neuromuscular and biomechanical laboratory was completely remodeled.

This year our faculty published six refereed articles in international or national research journals, and we have three under review. Examples of these journals were: *Journal of Neurophysiology*, *Journal of Motor Behavior*, *Journal of Biomechanics*, *Journal of American Geriatrics Society*, and *Muscle and Nerve*. Waneen Spirduso has one book chapter, and a revision of one of her co-authored books (*Reading and Understanding Research*) in press.

Grants and Funding

Jody Jensen is completing the fourth year of a \$401,321 four-year grant from the National Science Foundation in which she has studied age-related changes in neuromotor control. Jon Dingwell was awarded two grants, one for Inter/Multidisciplinary Biomedical Engineering Projects (\$20,000), “Muscle Function in Gait Following Brain Injury and Stroke,” in which he is collaborating with Marcus Pandy of the Bioengineering Department, and the other a Whitaker Foundation grant of \$234,342 to support a study of the mechanisms underlying the capacity of elderly subjects to maintain dynamic stability during standing and walking.

Waneen Spirduso received \$40,000 from the RGK Foundation, the Cain Foundation, the College of Education, and St. David’s Foundation to support an Advanced Research Workshop on the Effects of Physical Activity and Aging on Mediators of Cognition. Sixteen of the nation’s top experts on factors that influence cognition, such as chronic disease, sleep, depression, self-efficacy, well-being, motivation, and stress presented papers and discussed the integrity of the information, methodological problems, and issues upon which scholarly consensus has been reached. A book volume will document the results of the workshop.

National and International Presentations

Jon Dingwell was invited to present his work in a prestigious symposium at the 39th Annual Meeting of the Society of Engineering Science. Lisa Griffin presented her work at the American College of Sports Medicine meeting in San Francisco, and at the Exercise Neuroscience conference in Hamilton, Ontario, Canada. Several presentations of research on motor development were presented by Jody Jensen or her students at the European Workshop on Movement Sciences in Munster, Germany, and the North American Society for the Psychology of Sport and Physical Activity in Savannah, Georgia, and the American alliance for Health, Physical Education, Recreation and Dance in Philadelphia. Waneen Spirduso was a keynote speaker at the Asian Games Sport Science Congress in Busan, Korea,

and she also lectured at Chungbuk National University in Cheongju, Chungbuk, South Korea. Larry Abraham, presented a paper describing all of the hard work that he did in developing the project to provide every student in the College of Education a laptop computer at the annual meeting of the American Association of Colleges of Teacher Education in New Orleans.

State and Local Presentations

Jody Jensen was an invited speaker in the 2003 McCraw Lecture Series, presenting “The Puzzles of Motor Development.” Lisa Griffin spoke to the Texas Paralyzed Veterans Association in San Antonio, Texas, on “Rate Coding and the Prevention of Muscle Fatigue During Functional Electrical Stimulation.” Waneen Spirduso was one of four national researchers presenting academic lectures to the 50+ Fifty Annual Health Conference, held at Stanford University, California.

Honors

Larry Abraham, working with one of our masters students, Bijal Patel, collaborated with several bioengineering professors and students to win the Best Paper Award at the American Society for Engineering Education Gulf-Southwest Section Conference in March 2003. With Dr. Ronald Barr, mechanical engineering professor, Dr. Marcus Pandey, biomedical engineering professor, Tejas Karande, biomedical engineering graduate student, Dr. Anthony Petrosino, professor of curriculum and instruction, they developed a curriculum for the new biomedical engineering department at The University of Texas at Austin. Their paper described pilot classroom testing of web-based biomechanics learning modules, followed by tests as part of a National Science Foundation research center called VaNTH, or Vanderbilt, Northwestern, Texas, Harvard/MIT Engineering Research Center for Bioengineering Educational Technologies. The modules used an approach called How People Learn, which suggests that instructors can improve student understanding by changing their teaching practices and beginning student learning with challenging problems. This framework has been shown to enhance learning in K-12 education.

Jon Dingwell was invited to be an Associate Editor of IEEE Transactions on Neural Systems & Rehabilitation.

Dr. Waneen Spirduso was named the 2002 Iowa State University Pease Family Scholar, and presented a lecture to their faculty, students, and community members. She was also one of eighteen nationally selected researchers invited to participate in an Advanced Research Workshop held at St. Simon's Island, Georgia, on the subject of Aging, Exercise, and Cognition.

Student Honors and Accomplishments:

Tom Korff (Jensen) was awarded a University Tuition Fellowship for 2002-2003.

Nick Brown completed his post-doctorate degree here at U.T. and was appointed as a researcher at the Orthopaedic Bioengineering Research Laboratory, University of Utah (Jensen).

Mike Decker received the Alderson Graduate Student Teaching Award for 2002-2003.

New Graduates

Ana Almodovar, M.A., accepted a position with the Veteran's Administration Hospital in Puerto Rico. (Jensen)

Patty Hill, M.A., was admitted into the School of Physical Therapy, U.T. Health Science Center, San Antonio, Texas, in the Fall of 2003.

Current Students

Twice as many students applied to our graduate programs in motor behavior in 2003 than in 2002. Also, the quality of the applicants has improved, with both average Graduate Record Examination scores and grade point averages increasing. In addition, the number of students accepted into our program for Fall 2003 was more than three times what it was for Fall 2002.

Masters Students

Ana Almodovar

Kyle Voge (Dingwell)

Bijal Patel (Jensen)

Laura Tennant (BME M.S. student) working in Dingwell's laboratory

Byung Jun (Griffin, co-supervisor with John Valvano and Ron Barr, Professors in Electrical and
Computer Engineering)

Chul-Ho Yu (Abraham)

Trena Herring (Abraham)

Doctoral Students

Deydre Teyhnen (Abraham)

Tom Korff (Jensen)

Peikuang Chao (Jensen)

Ting Liu (Jensen)

Barbara Doucet (Griffin/Spiriduso)

Mike Decker (Abraham)

The Physical Education Program is dedicated to providing students at the University of Texas at Austin with a high quality instructional program in the physical skills, knowledge, and understanding of the principles and values of physical activity in a variety of disciplines. The Physical Education Program is intimately involved in the development of undergraduate education professionals as well as undergraduate general Kinesiology majors. New information about movement is disseminated through teaching roles at the University of Texas at Austin classes, and through clinics and workshops in state, national, and international settings. Our faculty directly applies new and existing knowledge about movement and continues to be involved in various research projects to fulfill scholarly interests.

Our program is linked with one of the stated purposes of the University of Texas at Austin: providing an outstanding undergraduate education to all students. We provide elective hours to students from academic disciplines throughout the University and have responsibility for a significant number of required courses within our departmental degree plans. Our Summer Sports School is a laboratory setting for graduate and undergraduate students from a variety of departments. Additional programs offer instruction to University faculty and staff children as well as Austin area children.



This year, over 6,500 students participated in classes taught by faculty members in this program. Students who participated in these classes received one hour of lower-division academic credit as well as the knowledge and skills to be physically active for a lifetime. A variety of activities were taught including: Aerobics, Archery, Ballroom Dance, Basketball, Fencing, Golf, Handball, Judo-Self-Defense, Karate/Tae Kwon-Do, Racquetball, Scuba Diving, Softball, Swimming, Tennis, Volleyball, Water Exercise, Water Polo, Weight Training, Yoga.



The faculty members in the Physical Education Program also taught a variety of related courses. The topics included: Care and Prevention of Athletic Injury, Children's

Movement, Coaching Theory and Principles, Critical Issues/Events in American Sport, Lifeguarding, Movement Analysis, Programming for People with Disabilities, Sport Fitness and the Mass Media, Trends/Issues in Developmental Movement Programs, Water Safety Instruction.

STUDENT ENROLLMENT 2002-2003

Class	Spring 2003	Fall 2002
Aerobics	447	431
Archery	40	0
Ballroom Dance*	169	162
Basketball	146	92
Fencing	86	91
Golf	162	153
Handball	73	76
Judo/Self-Defense	40	43
Karate/Tae Kwon Do	108	111
Racquetball	92	87
Scuba Diving	144	155
Softball	27	23
Swimming	353	366
Tennis	243	253
Volleyball	112	86
Water Exercise	49	29
Water Polo	0	15
Weight Training	920	878
Yoga	52	50
TOTAL	3263	3101

***Ballroom Dance Summer enrollment - 17**



Academic Programs **Physical Education Teacher Education**

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



Front Row: Amanda Gammage, Don Crowley, Pam Buchanan, Tere Ramirez
Back Row: Charlie Craven, Bob Haugen, Rosemary Slacks, Kim Tyson, Dolly Lambdin
Not Pictured: Terry Todd

A major accomplishment of the PETE programming 2002-03 was the undergraduate curriculum and program revision for students seeking an all-level teaching certification. Using the national and state standards for teaching physical education as a guiding framework (NASPE National Beginning Teaching Standards for Physical Education, the Texas Beginning Teaching Standards for Physical Education, the Texas Essential Knowledge and Skills), we revised the current program by streamlining it and reorganizing course content to ensure effective coverage of all the content standards in the program of study. ALD 327 Multicultural Education, EDC 370E Teaching Elementary Physical Education and EDC 371 Curriculum Issues in Physical Education represent a reorganization of courses in the previous program. The revisions to the program were adopted in July 2003 at the College level and were implemented during the Fall 2003 semester.

The Physical Education Teacher Education faculty is actively involved in national, state, university and community endeavors. This year's faculty accomplishments and activities include:



Marty Urand, TAHPERD President, and Senator Jane Nelson honor Dolly Lambdin with the TAHPERD College Educator of the Year Award.

Dolly Lambdin was the recipient of the Texas Association for Health, Physical Education, Recreation and Dance College Educator of the Year 2002-2003 and was elected President-Elect for the National Association for Sport and Physical Education, March 2003. Dr. Lambdin along with Dr. Larry Locke published a book entitled *Putting Research to Work in Elementary Physical Education: Conversations in the Gym*.

Pamela Buchanan and Dr. Jody Jensen continue to provide a Community Collaboration in which teachers, parents, children with disabilities, clinicians and students from UT-Austin come together for a day of sensory and motor integration training. They have created a video summarizing the

community collaboration and the research that supports the educational benefits found in play. They are currently creating a series of similar training programs and additional video resources. The development of KIN327 Sensory and Motor Integration trains UT students to work with children with sensory disorders. The goal of the Community Collaboration is to coordinate training of current professional staff (in-service), pre-service staff (students in colleges and universities), and parents in addressing the sensory and motor integration needs of students with autism spectrum disorder.



The educational validity of play - University of Texas students work with children with disabilities, their parents, and teachers, in demonstrating the positive benefits of play for building academic skills and family connections.

FACULTY ACTIVITIES

Pamela S. Buchanan

Developed Frequently Asked Questions web site for Texas Education Agency
Development of Super Sports Saturday in collaboration with St. David's Wheelchair Sports Program
Revision of Adapted Physical Education video training tool in collaboration with Round Rock ISD, APE
Creation of Community Collaboration training video for children with Pervasive Developmental Disorders for Regional Education Service Center VI
Creation of Community Collaboration pre-training for educators and clinicians
Development of Blackboard Training Resource for Teachers of Students with Disabilities
Coordinator for Texas School for the Blind and Visually Impaired Field Day
Kinesiology resource for University Affiliate Programs and Assistive Technology
Educated teachers in 15 Regional Education Service Center in Texas regarding UT - Austin programs.
Physical Education Teacher Education Committee, Member
Alderson Lecture Scholarship Selection Committee, Member
Merit Committee - Teaching - Member
Online Media Guide for University Experts
Contributor to the Center for Development for Health and Physical Education, Texas Education Agency
Texas Education Agency APE Revisions Committee, Chairperson
Texas Board of Physical Therapist, Approved Trainer

Dolly Lambdin

National Association for Physical Education and Sport (NASPE) Cabinet Member (Council Coordinator)
National Association for Physical Education and Sport (NASPE) President-Elect
Austin ISD Physical Education Program, Consultant
Reviewer-Journal of Physical Education, Recreation, and Dance
Reviewer-The Physical Educator
Trinity Child Development Center Board of Directors, Vice President
Marathon Kids, Volunteer
Austin ISD School Health Advisory Committee, Member
Austin ISD School Health Advisory Physical Education Sub-committee, Chair
Austin ISD/Travis County STEPS Healthy US Grant Writing Team, June, 2003
University of Texas Charter School Advisory Team, Physical Education Consultant
Austin ISD Physical Education Curriculum Specialist, Interview Team
Elementary Coordinators Committee, Member
Secondary/All-Level Field Experiences Committee, Member
Graduation Volunteer
UT Department of Kinesiology/Austin ISD Partners in Education, Liaison
Elementary Physical Education Committee, Member
Alderson Scholarship Teacher Education Scholarship Selection Committee
Division of Physical Education, Member
Merit Procedure Revision Committee- Service, Member

Teresita B. Ramirez

Texas Education Agency, Senate Bill 19 Coalition Team, Member
Texas Association for Health, Physical Education and Recreation and Dance,
Texas Foundation Board of Directors, Chair
Austin Independent School District Physical Education Program, Consultant
Austin Association for Physical Education and Recreation, Advisor
Health and Safety Committee of the American Red Cross of Central Texas, Member
Supervisory Committee of the American Red Cross of Central Texas, Chair
American Red Cross Health and Safety Education Services, Health Educator
American Red Cross of Central Texas, Instructor
UTEXPLORE Volleyball Playday Liaison
Teacher Education Curriculum Committee, Member
Secondary Field Experience Committee, Member
Secondary Student Teachers in Physical Education, Program Coordinator
Sanchez/Marres Scholarship Committee, Member
Secondary Coordinator's Committee, Member
UT Summer Sports School, Assistant Director
Physical Education/Teacher Education, Program Coordinator
Physical Education/Teacher Education Committee, Chair
Elementary Physical Education Committee, Member
Management Team, Member
Budget Council, Member
Undergraduate Advisory Committee, Member
Fitness Institute of Texas, Board of Directors, Member
Chair Review Committee, Member
Alderson Scholarship for Teacher Education Selection Committee, Member
UT Life Science Library, Sport and Teacher Education, Department Liaison
AAPER and AISD Volunteer Coordinator

STUDENT ACHIEVEMENTS



Dr. Judy Young, Executive Director of NASPE and Vice President of Programs for AAPHERD, congratulates Cindy Davis.

Cindy Davis Recipient of the 2002 -2003 National Association for Sport and Physical Education Outstanding Major Award.

UT Austin Student Leaders

Cindy Davis, Elected Chair-TAHPERD Student Section
Clarissa Kelly, First Vice-Chair TAHPERD Student Section
Kristen Valdez, Second Vice-Chair TAHPERD Student Section
June Bennett, Secretary TAHPERD Student Section

APPRENTICE TEACHERS FALL 2002



Back row: Jake Taras, Janet Kirkland, Sara Paisley and Jon Hise
Front row: Dahlia Page, Clarissa Alvarado, Gin Dryer, and Sarah Downing

APPRENTICE TEACHERS SPRING 2003



Back row: Jeff Banner, Trey Sullivan, and Sergio Alemán
Middle row: Jason Ovalle, Ben Houck, Yaw Kwame Poku, and Peter Alderman,
Front row: Laura Holt, Lindsay Austin, Jenny Petkovsek, and Rusty Kutzer,

STUDENT EMPLOYMENT PLACEMENT

Fall 2002 Graduates and teacher certification students

Clarissa Alvarado	Paredes Middle School, Austin ISD
Sara Downing	PE substitute teacher Hopewell Middle School, Round Rock ISD
Gin Dryer	Extend-A-Care
Jon Hise	Round Rock High School, Round Rock ISD
Janet Kirkland	Brentwood Christian School, Austin Texas
Dahlia Page	West Wood Middle School, Richardson ISD
Sara Paisley	Schallert Elementary, Alice ISD
Jake Taras	Pease Middle School, Northside ISD

Spring 2003 Graduates

Sergio Alemán	Continuing his education at UT-Austin
Ben Houck	Travis Elementary, San Marcos ISD
Laura Holt	Kealing Middle School, Austin ISD
Jason Ovalle	Vial and Mountclaire Elementaries, Garland ISD
Yaw Kwame “KP” Poku	Substitute teacher, Austin and Round Rock ISD
Jennifer Petkovsek	T.N. Porter Middle School, Austin ISD
Rusty Kutzer	Grishman Middle School, Round Rock ISD
Trey Sullivan	Beach research in California

Service Learning Placements for Kinesiology Classes: The teachers listed below contribute significantly to the teacher preparation program. Students participate in early field experiences in many classes (KIN 119, 219, 314, 360, 375) where they observe and serve as assistants in a variety of physical education classes and programs.

T. A. Brown Elementary, Austin ISD	Judy Howard ✓
Becker Elementary, Austin ISD	Pat Werner
Bryker Woods Elementary, Austin ISD	Michele Rusnak ✱
Baranoff Elementary, Austin ISD	Jana Shirley
Boone Elementary, Austin ISD	Sangrid Pancoast
Canyon Creek Elementary, Austin ISD	Frank Tighe ✱
Caldwell Heights Elementary, Round Rock ISD	Sandi DiBari ✱, Charly Brown
Cedar Elementary	Dana Moore
Cowan Elementary	Renee Rainey
Davis Elementary, Austin ISD	Pam Atkins ✱ and Aimee Claman✱
Dell Jewish Community Center	Courtney Harris Elison✱
Great Oaks Elementary, Round Rock ISD	Terry Condrasky ✱
Govalle Elementary, Austin ISD	Sue Matzek
Gullet Elementary, Austin ISD	Patti Braus ✱
Hart Elementary School, Austin ISD	Marc Ellison ✓
Hill Elementary, Austin ISD	Carole Smith
Highland Park Elementary, Austin ISD	Dave Woods
Joslin Elementary, Austin ISD	Christie Keller-Bergh
Oak Hill Elementary, Austin ISD	Pat Sutton
Odom Elementary, Austin ISD	Jeff Tucker
Pleasant Hill Elementary, Austin ISD	Cindy Austria ✱
Pond Springs, Round Rock ISD	Patti Watkins
Ridgetop Elementary, Austin ISD	Paula McLauchlin✱
River Oaks Elementary, Pflugerville ISD	Gary Lane
Rodriguez Elementary, Austin ISD	Carolyn Dyer ✱
Texas School for the Blind and Visually Impaired	Dr. Elina Mullen
Travis Heights Elementary, Austin ISD	Barb Brantner

Wooten Elementary, Austin ISD
* UT Alumni
√ Studied at UT

Linda Collins

Public School Mentor Teachers: Each year we depend on public teachers for their leadership and expertise in training future physical education teachers during the Teaching Practicum Experience. These teachers spend numerous hours guiding apprentice teachers, reviewing unit and lesson plans, and providing feedback on teaching performance.

Anderson High School, Austin ISD
Bailey Middle School, Austin ISD
T.A. Brown Elementary, Austin ISD
Bryker Woods Elementary, Austin ISD
Caldwell Heights Elementary, Round Rock ISD
Canyon Vista Middle School, Round Rock ISD
Crockett High School, Austin ISD
Davis Elementary, Austin ISD
Gullet Elementary, Austin ISD
Hart Elementary School, Austin ISD
Kealing Jr. High, Austin ISD
Lanier High School, Austin ISD
Martin Junior High, Austin ISD
Oak Hill Elementary, Austin ISD
T. N. Porter Middle School, Austin ISD
Small Middle School, Austin ISD
Summit Elementary, Austin ISD
Travis Heights Elementary, Austin ISD
* UT Alumni
√ Studied at UT

Richard Sanford *
Michelle Wright
Judy Howard √
Michele Rusnak *
Charly Brown and Sandi DiBari
David Rice and Lynn Kyzer
Lori Henry *
Pam Atkins *
Patti Braus *
Marc Ellison √
Ken Rydolph
Glenda Black
Karen Bailey*, Dave O'Dell, and Josh Spencer
Pat Sutton
Tracey Hevelka and James Howard
Letti Garza and Melissa Hernanadez
CheeChee Huffines
Barb Brantner

ALUMNI ACCOMPLISHMENT

Pamela B. Atkins, Disney American Teacher Award for Wellness and Sport
Courtney Harris Ellison, Marathon Kids, Event Volunteer Coordinator
Patti Braus, AISD 5th Grade Volleyball Playday, Event Coordinator
Carolyn Dyer, Marathon Kids Development Committee
Carolyn Dyer, TAHPERD Physical Education Division, Past Vice President
JoLynn Brown, Executive Director for Texas Outdoor Education Association and TAPHERD editorial board, TAHPERD Leisure Activities and Sports, Secretary
Michele Rusnak, Austin ISD Physical Education Curriculum Specialist

Service Learning - Student Community Involvement

The teacher education faculty coordinated thousands of student volunteer hours for events in the Austin community. Students enrolled in various classes in the Department of Kinesiology (KIN 314, 360, 119, and 219) have served as volunteers in special programs in area school districts, community as well as assisted teachers in their classrooms. Below is a list of events in which our students participated.

AAPER/Austin ISD Cross Country Run; AISD Volleyball Athletic Program volunteer officials and coaches; AISD 5th grade Volleyball Play Day; Field Days in Austin and Round Rock ISD; Jump Rope for Heart Programs at several elementary schools; Marathon Kids The Kick Off Mile ; Marathon Kids The Final Mile; St. David Hospital Wheelchair Sports and Rehabilitation Program; Texas Parks and Wildlife EXPO; Texas School for the Blind and Visually Impaired; Explore UT

Volleyball Playday

The Department of Kinesiology and Health Education, UT RecSports and Austin Association for Physical Education and Recreation sponsor Volleyball Playday for 5th grade students in the Austin Independent School District. School teams come to UT-Austin for a fun filled day! Students play a developmentally appropriate game of volleyball and participate in the biggest open house in Texas -EXPLORE UT.



Spectators and visitors	2,914
Volleyball players	1,344
AISD Teachers	48
AISD coaches and referees	11
UT Student volunteers	48
TOTAL	4,365



This was a busy year for sport management as the group continued its pursuit of excellence. The sport management group was once again recognized as a world leader in the field, and continued to forge new relationships on campus, in the community, and internationally. The new Ph.D. program was implemented, and eight students were admitted during the year. In addition, Chris Green established the program's first special interest group, which focuses on sport development. In its first year, the group provided input into grant applications and obtained funding from UT Athletics for a research project.

As a result of their high profile, faculty from the sport management group have been asked to undertake leadership roles in the field. Perhaps the most tangible illustration of that leadership is the choice by the North American Society for Sport Management (NASSM) to place its strategic planning under the leadership of the University of Texas sport management group. Laurence Chalip served as the director of NASSM's strategic planning, and Carla Costa served as a member of the strategic planning team. The team included four other members from the United States and Canada who met at the University of Texas to produce the first strategic plan in NASSM's history – a plan that was enthusiastically endorsed by the NASSM membership and Executive Council.

The sport management group's leadership was also noted in the realms of scholarship. Members of the group served on the editorial boards for twelve journals in the field. Laurence Chalip undertook the role of Editor of the *Journal of Sport Management* during the year, while Jan Todd continued as Editor of *Iron Game*. Chris Green served as Associate Editor of *Sport Management Review*. Dan Funk edited a special issue of *Sport Marketing Quarterly* on consumer behavior in sport, and Laurence Chalip edited a special issue of *International Journal of Sports Marketing and Sponsorship*. In addition, members of the group served as ad hoc reviewers for six other journals in the field.

Not surprisingly, sport management faculty and students were recognized in several ways for their leadership roles in both service and scholarship. Dan Funk served as a member of the Sport Management Program Review Council and was a Big 12 Faculty Fellow. Jan Todd was invited to speak at the Hastings Center for Bioethics, and Laurence Chalip was invited to consult on sport policy with the Group of Experts for Prosperity of Serbia. Charles Craven obtained the Frank Erwin Award for his work with Exes for Texas Swimming. Jules Woolf (a Ph.D. student) obtained two Coca Cola Synergy Fellowships for his work with Seton Hospital, and Xiaoyan Xing (a Masters student) won the Student Paper Award from the Society for the Study of the Law of Sport and Physical Activity for a paper she prepared under Maureen Fitzgerald's supervision.

The quality education that University of Texas sport management students obtain was recognized by sport organizations from all sectors of the industry. Sport management students obtained internships with most leading sport organizations, including the United States Olympic Committee, the New York 2012 Bid Committee, the Houston Astros, the LPGA, Stanford University, First Tee, the NFL Alumni Association, and Ektelon. Graduates of the program obtained employment with leading organizations, including the PGA Championship Tour, the Houston Texans, SBC Center San Antonio, the Seattle Bowl, Benneton, and the University of Texas.

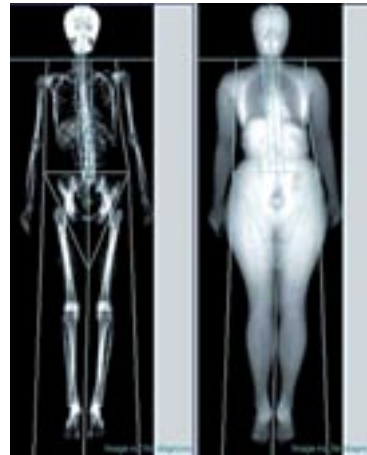
The sport management group's extensive links to the industry have made it an attractive partner. New relationships were formed during the year – relationships that have assisted the group to build its research profile. Chris Green and Dan Funk undertook a project with the Japanese Institute of Sport Sciences. Carla Costa built a research program in cooperation the Universidade de Tras-os-Montes e Alto Douro. Laurence Chalip, Chris Green, and Carla Costa forged an alliance with

Angelou Consulting, Austin Juniors, and the Greater Austin Sports Association to initiate funded research into the economic value of youth sport.

Of course, the group's reputation is built on its foundation of research productivity. During the year, the group published fifteen articles in peer reviewed journals, and had six more accepted for publication. They also published three book chapters and had two more accepted. In addition they delivered six presentations at national and international conferences. In short, this was an exceptionally productive year for the sport management program.

**Phil Stanforth, Director**

In its second full year of operation, the Fitness Institute of Texas (FIT) continued to build upon and strength its core of fitness testing and service. The total number fitness test conducted increased by 10% with a large increase of 300% (from 100 to 400 tests conducted) in non-student testing. The testing component of FIT was strengthened significantly with the purchase of a Dual Energy X-ray Absorptiometry (DEXA) machine. DEXA is the latest is body composition technology allowing for the assessment of percent body fat and fat, lean and bone mass for the arms, trunk, legs, and whole body. FIT conducted DEXA assessments for 2 departmental and 1 Human Ecology study during the past year.

**DEXA scan take 8-12 minutes.**

Sample scan. Bone mass represented in left picture and soft tissue represented in right picture. Lines used to delineate body regions.

FIT continued to provide departmental support by funding graduate students and providing field work, internship, and culminating experience opportunities for undergraduate and graduate students. In addition, FIT continued providing community service. FIT participated in Explore UT and in health fairs sponsored by University Health Services, the Austin Dietetic Association, and Applied Materials. FIT provided a fitness testing laboratory experience for students from the McNeil High School Anatomy Class and Houston Tillotson Physical Education Class. FIT also gave lectures to the Freshman Interest Group on campus and at First National Bank of Bastrop.

In addition to strengthening its core, FIT expanded it core. FIT expanded by co-sponsoring the Promoting Healthy Weight in Texas conference along with the Texas Department of Health and the Texas Public Health Association. The conference objective was to bring together state and local partners to identify strategies to decrease the prevalence of obesity and weight-related disease. Included in the conference was the unveiling of the state's Strategic Plan for the Prevention of Obesity in Texas. Through a grant from the Texas Education Agency, FIT provided scholarships for teams from 10 public schools (42 individuals total) to attend the conference. FIT also expanded by offering an American College of Sports Medicine Health/Fitness Instructor Certification.

The University of Texas at Austin SUMMER SPORTS SCHOOL originated in 1930. The curriculum and instruction offers a unique experience to both children and adults in the Austin area. The classes are taught and supervised by the faculty of the University of Texas Division of Physical Education program. The staff consists of University undergraduate and graduate students, University faculty, and specialists in the Austin community who have been selected for their expertise in teaching. The classes are taught in a variety of facilities on the University of Texas campus and offers an ideal learning environment.



SPORTS CAMP

The Sports Camp is considered one of the best in Austin. The camp is taught by Austin area physical education specialists Marc Ellisoïn, Jaime Villasana and Judy Howard, who offer a non-competitive atmosphere for skill and behavior development through cooperative games, basic sports, developmental gymnastics, tumbling and daily swimming instruction. Other activities include archery, team and individual sport skills and games, conditioning, rhythmic activities and field trips. All campers receive a T-shirt, scrapbook, swimming report and are eligible for a variety of awards.

TENNIS CAMP

The Tennis Camp is conducted at the UT Whitaker Tennis Courts (WTC) (off 51st Street, near Guadalupe). Steve Ebner, an instructor for the UT Summer Sports School since 1992, teaches and directs the classes. The Spring program is comprised of two 4-week sessions. Children between the ages of 7 and 17 are welcome to take both sessions. Each session is limited to 16 participants. The focus of the camp is to enjoy the game of tennis while learning and improving upon individual tennis skills and objectives - from learning tennis basics to refining technique. Each child will receive a certificate and an evaluation report. Tennis balls, ball machines, and water are provided by the camp. Participants meet inside the clubhouse for the first class meeting. Students must provide their own tennis racket.



AQUATICS

The aquatic instructional program includes a variety of classes directed by Don Crowley, a U.T. faculty member in aquatics, and taught by trained aquatic specialists. We offer parent participation classes for the very young child and small group instruction for older children and adults. Classes are taught at the Gregory Gymnasium Pool (GRE). There are two 10-week sessions. All participants receive an evaluation card, an American Red Cross card (if appropriate skills are accomplished), and a graduation certificate upon completion of each session. Class offerings include: infant, toddler,

and preschool swimming; age group beginning swimming; age group technique swimming; age group advanced technique swimming; beginning springboard diving; adult beginning swimming; adult conditioning swimming; and adult technique swimming.

02-03 SUMMER SPORTS SCHOOL ENROLLMENT

<i>Class</i>	<i>Session</i>	<i>Spring</i>	<i>Summer</i>	<i>Total</i>
<i>Sports Camp</i>	SPC 745 1-3	0	129	129
<i>Tennis Camp</i>	Ten 800	0		0
<i>Aquatics</i>				
<i>Infant, Toddler, Preschool Swimming</i>	ITP	22	51	73
<i>Age Group Technique</i>	AGT	30	69	99
<i>Adult Conditioning</i>	ACS	13	15	28
<i>Beginning Springboard Diving</i>	BSD	11	33	44
<i>Age Group Advance Technique</i>	AGA	16	35	51
<i>Age Group Beginning</i>	AGB	26	115	141
<i>Adult Technique</i>	ATS	16	11	27
<i>Adult Beginning</i>	ABS	4	22	26
<i>Adult Triathlon Training</i>	ATT	1	0	1
Total Participants		139	540	679

Other Programs

UT Aquatic Safety Program

The University of Texas at Austin Aquatic Safety Program offers a variety of American Red Cross safety and aquatic courses and upholds the same philosophy and commitment of that organization. We are a community outreach program offering courses in health and safety since 1982. Don Crowley and Kim Tyson, faculty members in the Department of Kinesiology and Health Education, specialize in aquatics and direct the program. The instructors are highly trained and have specific knowledge in aquatic safety. We service the Austin and Central Texas regions and we often get students from around the state looking for top quality training opportunities.

Our instructor's strive to meet the needs of every student while creating a productive and challenging learning environment. The courses offered include: Adult, Child, Infant and Professional Rescuer CPR, Automatic External Defibrillator, Basic Water Rescue, Community Water Safety, First Aid, GuardStart, Head Lifeguard, Instructor Candidate Training, Lifeguard Instructor, Lifeguard Training, Oxygen Administration, Safety Training for Swim Coaches, Water Safety Instructor and Waterfront Lifeguard.

**The Kinesiology Club officers
and Faculty/Staff Sponsor for 2002 - 2003:**

President – Brian Quinn
Vice - President – Kevin Roux
Secretary – Jodel Manning
Treasurer – Susan Von Villas
IM Chair – Gwen Martin
Faculty/Staff Sponsor – Richard Hogeda



Brian Quinn, President

The Kinesiology Club is enjoying its 5th year as an official University campus organization during the 2002 - 2003 school year. Membership is open to UT students majoring or minoring in Kinesiology, Sport Management, and Health Promotion and Fitness, as well as any students that have an interest in kinesiology - related areas. Membership is also open to all Kinesiology faculty. The Kinesiology Club is a service and social organization that promotes professional development in all aspects of Kinesiology for its members through various interactions between students, faculty, and professionals in the community.

The Kinesiology Club participates in various volunteer, community service, and professional activities, as well as hosting on- and off-campus events throughout the year. This year, club members volunteered at Parent's Weekend in the Fall, Explore UT in the Spring, the annual Texas Association for Health, Physical Education, Recreation and Dance Conference (TAHPERD), and RunTex's Marathon Kids for Austin area elementary school children.



Kinesiology Club members and Richard Hogeda at the Alderson Lecture

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

At different times during the year, the Kinesiology club played host to many guest speakers during its regular meetings. Professional members from the community, kinesiology faculty, and University Athletic personnel are invited to speak to the Kinesiology Club about internships and career opportunities. Some of the past guest speakers included: representatives from UT Career Exploration Center; a faculty panel that included Dr. Dolly Lambdin, Phil and Dixie Stanforth, Brian Farr, and Dr. Mary Steinhardt from our Kinesiology Department, physical therapist and personal trainer Miriam Cortez-Cooper, and representatives from St. David's Cardiac Rehabilitation Center.

Finally, the Kinesiology Club enjoyed social activities that included playing intramural sports, hosting student-faculty luncheons, and various outings to local sporting events. The Kinesiology Club's co-ed intramural teams participate in volleyball, basketball, and softball. Additionally, the Kinesiology Club continued its tradition of hosting a Faculty/Staff appreciation lunch in the fall and spring. The luncheons gives the members an opportunity to interact with many of their professors and other kinesiology staff in an informal setting outside of the classroom.

During the 2002 – 2003 school year, the Kinesiology Club experienced significant growth, and hopes to capitalize on this momentum in the year to come.

Contracts, Grants and Gift Awards

RECIPIENT	SPONSOR	AMOUNT
Bartholomew, J.	Futuresearch Trials	21,139
Bartholomew, J.	TX Dept of Health – Obesity intervention in elementary school children	215,670
Loukas, A.	TDH – BNS/Nutrition-Obesity intervention in elementary schools	31,271
Buchanan, P.	Education Service Center	3,842
Dingwell, Jon	Whitaker Foundation – Mechanisms underlying the capacity of elderly subjects to maintain dynamic stability	80,595
Farrar, Roger	Dept of Defense-Army - An in vivo model of physiological function of muscle following tourniquet induced ischemia reperfusion	23,304
	City of Austin - Strength training to enhance physiological and psychological performance of female firefighter applicants	30,999
Gammage, Amanda	Wamo Corp.	600
Gottlieb, N.	TX Dept of Health - Texas Diabetes program – Walk Texas!	56,270
	TDH - Tobacco Prevention and Control	437,635
	TDH - School Worksite Wellness Program	85,627
	TDH - WIC Worksite Health Promotion	50,984
	TDH - WIC Book Project Evaluation	45,726
	TDH – WIC Nutrition Education	75,059
	TDH – Walk Texas! Health provider guide on adult nutrition	70,296
Green, B.C.	Institute of Health & Sport Sciences in Japan	5,600
Haugen, Robert	Texas Tennis Association	2000
Ivy, John	Cargill, Inc. - The glycemic index and performance enhancing capacity of trehalose	27,408
	Pacific Health Laboratories	5,000
	Cargill Inc.	14,000
Jensen, Jody	Natl Science Foundation – Age related changes in neuromotor coordination	96,791
Peterson, Fred	Assn for Supervision & Curriculum Development - Health in Education Network	1,500
Spirduso, W.	Ann R. Mauzy	500
	The Cain Foundation – Advanced Gerontology Workshop	10,000
Starnes, J.	DHHS-National Institutes of Health - Effect of age on exercise-induced cardioprotection	73,299
Steinhardt, M.	Motorola - Building individual and organizational resilience	75,000
	3M- Building individual and organizational resilience	16,500
	Selfhelpworks, Inc.	7,500
	Texas Dept of Human Services	2,500
	Motorola Inc.	25,000
	3M	33,000
	The Home Depot	500
Stanforth, P.	Brett A. Ringle – Adult Fitness Program	1,000
	Texas Education Agency Education Service Center Region 12	10,000
Tanaka, H.	Colin Medical Instruments	45,000
	DHHS-National Institutes of Health	29,798
	Minority predoctoral fellowship program – for M. Cortez	
	Gatorade Sports Science Institute –	1,500
TOTAL AWARDS		1,712,413

Faculty Publications

BARTHOLOMEW, JOHN

Kilpatrick, M, Hebert, E, Bartholomew, J, Hollander, D & Stromberg, D. (2003) Effect of exertional trend during cycle ergometry on postexercise affect. *Research Quarterly for Exercise and Sport*, 74, 353-359.

Kilpatrick, M, Bartholomew, J, Riemer, H & Todd, J. (2003). Development of the goal orientation for exercise scale (GOES): Modification of the task and ego orientation in sport questionnaire (TEOSQ). *The Journal of Sport Behavior*, 26, 121-136, 2003.

CHALIP, LAURENCE

Chalip, L., Green, B.C., & Hill, B. (2003). Effects of sport event media on destination image and intention to visit. *Journal of Sport Management*, 17, 214-234.

Jago, L., Chalip, L., Brown, G., Mules, T., & Ali, S. (2003). Building events into destination branding: Insights from experts. *Event Management*, 8, 3-14.

Chalip, L. (2003). Tourism and the Olympic Games. In M. Moragas, C. Kennett, & Nuria Puig (Eds.), *The legacy of the Olympic Games 1984-2000*. Lausanne, Switzerland: IOC.

Chalip, L., Costa, C., Gibson, H., Inglis, S., Rascher, D., & Wolfe, R. (2003). Report of the strategic planning committee. Austin, TX: NASSM.

COSTA, CARLA

Green, B.C., Costa, C.A., & Fitzgerald, M. P. (2002). Marketing the host city: Analyzing exposure generated by a sport event. *International Journal of Sports Marketing and Sponsorship*, 4, 335-353.

Armstrong, K. L., O'Bryant, C., & Costa, C. (2002). An assessment of factors that influence the promotion and delivery of sport, fitness, and health courses: Contributions of marketing to physical education. *The Physical Educator*, 59, 139-150.

Chalip, L., Costa, C., Gibson, H., Inglis, S., Rascher, D., & Wolfe, R. (2002). Report of the strategic planning committee. Austin, TX: NASSM.

COYLE, EDWARD

Coyle, E.F. & Gonzalez-Alonso, J. (2002). Cardiovascular drift during prolonged exercise: new perspectives. *Exercise Nutrition and Environmental Stress*, 153-172.

EDMUNDSON-DRANE, ELIZABETH

Wilkinson, A.V., Holahan, C.J., & Edmundson-Drane, E.W. (2002). Predicting safer sex practices: The interactive role of partner cooperation and cognitive factors. *Psychology and Health*, 17, 697-709.

Evans, A.E., Edmundson-Drane, E., Harris, K.K. & Campbell-Ray, T. (2002). A cervical cancer CD-ROM intervention for college-age women: Lessons learned from development and formative evaluation. *Health Promotion Practice*, 3, 447-456.

FARRAR, ROGER

Lee, S & Farrar, R. (2003). Resistance training induces muscle-specific changes in muscle mass and function in rat. *Journal of Exercise Physiology*, 6, 80-87.

Lee, S. & Farrar, R. (2003). Combination of insulin like growth factor-1 overexpression and resistance training enhances hypertrophic response in mouse skeletal muscle. *International Journal of Applied Sports Science*, 15, 11-21.

Lee, S. & Farrar, R. (2003). Adaptability of skeletal muscle to resistance training. *The Korean Journal of Exercise Nutrition*, 7, 1-14.

FITZGERALD, MAUREEN

Green, B.C., Costa, C., & Fitzgerald, M.P. (2003). Marketing the host city: Analyzing exposure generated by a sport event. *International Journal of Sports Marketing & Sponsorship*, 4, 335-353.

Fitzgerald, M.P. (2003). Gender equity: Coaching and administration. In D. J. Cotten & J. Wolohan (Eds.) (3rd Edition), *Law for Recreation and Sport Managers* (Chapter 8.12).

Riemer, H.A., Fink, J.S., & Fitzgerald, M.P. (2002). External validity of the sport motivation scale. *AVANTE*, 8 (2), 57-66.

FUNK, DANIEL

Funk, D.C., Ridinger, L., & Moorman, A.J. (2003). Understanding consumer support: Extending the sport interest inventory (sii) to examine individual differences among women's professional sport consumers. *Sport Management Review*, 6, 1-32.

Mahony, D.F., Gladden, J.M., & Funk, D.C. (2003). An examination of athletic donors at NCAA Division I institutions. *International Journal of Sport Management, Winter*, 9-27.

Funk, D.C. (2002). Consumer-based marketing: the use of micro-segmentation strategies to understand sport consumption. *International Journal of Sports Marketing & Sponsorship*, 4, 231-256.

Jordon, J.S., Pastore, D.L., & Funk, D.C. (2002). Exploring the relationship between moral reasoning and individual characteristics: A preliminary study to guide future research. *Journal of MAPHERD*, 19(1), 13-19.

Funk, D.C., Swank, A.M., Mikla, B., Fagen, T., & Farr, B.K. (2003). Impact of prior exercise on hamstring flexibility: A comparison of PNF and static stretching routines. *Journal of Strength and Conditioning Research*, 17, 489-492.

Swank, A.M., Funk, D.C., Baily, C., Pinkham, K.K., & Soldner, K.R. (2002). Cardiovascular and Subjective Responses to One and Three Repetition Maximum Strength Testing. *Clinical Exercise Physiology*, 4(2), 96-100.

GOTTLIEB, NELL H.

Gottlieb, N.H., Goldstein, A.O., Flynn, B.S., Cohen, J.E., Bauman, K.E., Solomon, L. J., Munger, M.C., Dana, G.S., & McMorris, L. (2002). Legislators' intentions, attitudes and normative beliefs relative to voting on youth tobacco prevention legislation: implications for health education practice at the policy level. *Health Education and Behavior*, 30, 209-224.

Guo, J.L., Gottlieb, N.H., Smith, M.M., & Huang, P.P. (2002). Nutrition and physical activity counseling practices of family practice residents. *Journal of Cancer Education, 17*, 128-137.

Guo, J.L., Gottlieb, N.H., & Huang, C.M. (2002). Effects of office system and educational interventions in increasing the delivery of preventive health services: a meta-analysis. *Taiwan Journal of Public Health, 21*, 36-51.

Steinhardt, M.A., Dolbier, C.L., Gottlieb, N.H., McCalister, K.T. (2003). The relationship between hardiness, supervisor support, group cohesion, and job stress as predictors of job satisfaction. *American Journal of Health Promotion, 17*, 382-389.

GREEN, B. CHRISTINE

Chalip, L., Green, B.C., & Hill, B. (2003). Effects of sport event media on destination image and intention to visit. *Journal of Sport Management, 17*, 214-234.

Green, B.C., Costa, C.A., & Fitzgerald, M.P. (2003). Marketing the host city: Analyzing exposure generated by a sport event. *International Journal of Sponsorship and Sport Marketing, 4*, 335-353.

Green, B.C., & Muller, T. (2002). Positioning a youth sports camp: A brand mapping exercise. *Sport Management Review, 5*, 179-199.

Green, B.C. (2003). Psychology of sport consumer behavior. In J. Parks, B.R.K. Zanger, & J. Quarterman (Eds.), *Contemporary sport management* (2nd ed., pp. 127-146). Champaign, IL: Human Kinetics.

GRIFFIN, LISA

Thomas, C. K., Griffin, L. & Godfrey, S. (2003). Fatigue of paralyzed and control thenar muscles induced by variable or constant frequency stimulation. *Journal of Neurophysiology, 89*, 2055-2064.

Griffin, L., Thomas, C. K. & Godfrey, S. (2002). Stimulation pattern that maximizes force in paralyzed and control whole thenar muscles. *Journal of Neurophysiology, 87*, 2271-2278.

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HARRIS, KAROL K.

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HOLAHAN, CAROLE K.

Holland, K., & Holahan, C. K. (2003). The relation of social support and coping to adjustment to breast cancer. *Psychology and Health, 18*, 15-29.

Holahan, C. J., Moos, R. H., Holahan, C. K., Cronkite, R. C., & Randall, P. K. (2003). Drinking to cope and alcohol use and abuse in unipolar depression: A 10-year model. *Journal of Abnormal Psychology, 112*, 159-165.

IVY, JOHN

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Ivy, J.L., Goforth, H.W., Jr., Damon, B.M., McCauley, T.R., Parsons, E.C. & Price, T.B. (2002). Early postexercise muscle glycogen recovery is enhanced with a carbohydrate-protein supplement. *Journal of Applied Physiology*, 93, 1337-1344.

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Williams, M.B., Raven, P.B., Fogt, D.L. & Ivy, J.L. (2003). Effects of recovery beverages on glycogen restoration and endurance exercise performance. *Journal of Strength and Conditioning Research*, 17, 12-19.

LAMBDIN, DOROTHY

Locke, L.F. & Lambdin, D.L. (2003) *Putting Research to Work in Elementary Physical Education: Conversations in the Gym*. Human Kinetics, Champaign, IL

Lambdin, D. & McKenzie, T. (2003) Analysis in Wonderland: Wickets and Winners in Elementary School Physical Education. *Journal of Physical Education, Recreation and Dance*, 74(4), 20-23.

LOUKAS, ALEXANDRA

Loukas, A., Zucker, R.A., Fitzgerald, H.E., & Krull, J.L. (2003). Developmental trajectories of disruptive behavior problems among sons of alcoholics: Effects of parent psychopathology, family conflict and child undercontrol. *Journal of Abnormal Psychology*, 112, 119-131.

Prelow, H.M. & Loukas, A. (2003). The role of resource, protective, and risk factors on academic achievement-related outcomes of economically disadvantaged Latino youth. *Journal of Community Psychology*, 31, 51-529.

STARNES, JOSEPH

Starnes, J.W., Taylor, R.P. & Park, Y. (2003). Exercise improves postischemic function in aging hearts. *American Journal of Physiology-Heart and Circulatory Physiology*, 285, H347-351.

Taylor, R.P. & Starnes, J.W. (2003). Age, cell signalling and cardioprotection. *Acta Physiologica Scandinavica*, 178, 107-116.

Taylor, R.P., Ciccolo, J.T. & Starnes, J.W. (2003). Effect of exercise training on the ability of the rat heart to tolerate hydrogen peroxide. *Cardiovascular Research*, 58, 575-581.

STEINHARDT, MARY

Steinhardt, M.A., Dolbier, C.L., Gottlieb, N.H., McCalister, K.T. (2003). The relationship between hardiness, supervisor support, group cohesion, and job stress as predictors of job satisfaction. *American Journal of Health Promotion, 17*, 382-389.

Steinhardt, M.A., Dolbier, C.L., Mallon, M, and Adams, T. (2003). The development and validation of a scale for measuring self-leadership. *Journal of Self-Leadership, 1*, 20-31.

TANAKA, HIROFUMI

Moreau, K.L., Donato, A.J., Seals, D.R., Dinunno, F.A., Blackett, S.D., Hoetzer, G.L., Desouza, C.A. & Tanaka, H. (2002). Arterial intima-media thickness: site-specific associations with HRT and habitual exercise. *American Journal of Physiology-Heart and Circulatory Physiology, 283*, H1409-1417.

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Moreau, K.L, Donato, A.J., Tanaka, H., Jones, P.P., Gates, P.E. & Seals, D.R. (2003). Basal leg blood flow in healthy women is related to age and hormone replacement therapy status. *Journal of Physiology, 547*, 309-316.

Moreau, K.L., Donato, A.J., Seals, D.R., DeSouza, C.A. & Tanaka, H. (2003). Regular exercise, hormone replacement therapy and the age-related decline in carotid arterial compliance in healthy women. *Cardiovascular Research, 57*, 861-868.

Nosaka, T., Tanaka, H., Watanabe, I., Sato, M. & Matsuda, M. (2003). Influence of regular exercise on age-related changes in arterial elasticity: mechanistic insights from wall compositions in rat aorta. *Canadian Journal of Applied Physiology, 28*, 204-212.

Tanaka, H. (2002). Influence of regular exercise on arterial stiffness. *Arterial Stiffness, 3*, 57.

Clevenger, C.M., Parker Jones, P., Tanaka, H., Seals, D.R. & DeSouza, C.A. (2002). Decline in insulin action with age in endurance-trained humans. *Journal of Applied Physiology, 93*, 2105-2111.

Cortez-Cooper, M.Y., Supak, J.A. & Tanaka, H. (2003). A new device for automatic measurements of arterial stiffness and ankle-brachial index. *American Journal of Cardiology, 91*, 1519-1522, A1519.

Donato, A.J., Tench, K., Glueck, D.H., Seals, D.R., Eskurza, I. & Tanaka, H. (2003). Declines in physiological functional capacity with age: a longitudinal study in peak swimming performance. *Journal of Applied Physiology, 94*, 764-769.

Pimentel, A.E., Gentile, C.L., Tanaka, H., Seals, D.R. & Gates, P.E. (2003). Greater rate of decline in maximal aerobic capacity with age in endurance-trained than in sedentary men. *Journal of Applied Physiology, 94*, 2406-2413.

TODD, JAN

Todd, J. & Todd, T. (2003). Legacy of Iron: A History of the Men, Women and Implements that Made the Iron Game. In L. Bowling, (Ed.), *Weight Training for Everyone*. (pp. 18-48). North Carolina Academic Press.

Todd, J. (March 2003). The Strength Builders: A History of Barbells, Dumbbells, and Indian Clubs. *International Journal of the History of Sport, 20* (1), 65-90.

Todd, T. & Todd, J. (2003). Pioneers of Strength Research: Peter V. Karpovich: Transforming the Strength Paradigm. *Journal of Strength and Conditioning Research*, 17(2), 213-220.

Todd, J. (2002). Father to a Strongwoman," *Aethlon: The Journal of Sport Literature*, 19 (2), 15-24.

TODD, TERRY

Todd, J. & Todd, T. (2003). Legacy of Iron: A History of the Men, Women and Implements that Made the Iron Game. In L. Bowling, (Ed.), *Weight Training for Everyone*. (pp. 18-48). North Carolina Academic Press.

Todd, T. & Todd, J. (2003). Pioneers of Strength Research: Peter V. Karpovich: Transforming the Strength Paradigm. *Journal of Strength and Conditioning Research*, 17(2), 213-220.

Todd, T. (2003) The Arnold Strongman Championships. *Iron Game History*, 8(1), 1-14.

Faculty Presentations

BARTHOLOMEW, JOHN

The effect of a modified lunch menu on the food selections of elementary school children. American College of Sports Medicine Annual Meeting, San Francisco, CA, 2003.

BUCHANAN, PAMELA

Co-development (along with Jody L. Jensen, PhD) and presentation of a Community-Collaborative Workshop for children with Autism, their parents, and their teachers. Two-day training workshops.

Community Collaboration: Linking sensory and motor issues, Region 20 Educational Service Center, San Antonio, TX, October 18-19, 2002.

Community Collaboration: Linking sensory and motor issues, Region 18 Educational Service Center, Midland, TX, November 22-23, 2002.

Community Collaboration: Linking sensory and motor issues, Region 12 Education Service Center, Waco, TX, February 21-22, 2003.

Community Collaboration: Linking sensory and motor issues, Region 20 Educational Service Center, San Antonio, TX, April 4-5, 2003.

Professional Development Workshops for Teachers and Para-educators at Texas Educational Service Centers (co-presented with Jody L. Jensen, PhD).

Assessment of motor skills, Region 3 Education Service Center, Henderson, TX, October 8, 2002.
Assessment of motor skills, Region 7 Education Service Center, Kilgore, TX, February 7, 2003.

Activities for students with sensory disorders, Region 6 Education Service Center, Huntsville, TX, February 25, 2003.

Make and take – creating the developmental sensory activities, Region 15 Educational Service Center, San Angelo, TX April 8, 2003.

Assessment of motor skills, Region 9 Education Service Center XII, Wichita Falls, TX, April 10, 2003.

Make and take – creating the developmental sensory activities, Region 6 Educational Service Center, Huntsville, TX April 16, 2003.

Adapted Physical Education District Evaluation, Del Rio, TX, October 3-5, 2002.

Adapted Physical Education Techniques, Region 15, San Angelo, TX, October 14, 2002.

Adapted Physical Education School Site Evaluation, AISD, Austin, TX, October 31, 2002.

Assessment Training, Round Rock ISD, November 18, 2002.

Adapting Physical Education, Region 6, Bryan, TX, December 13, 2002.

Adapted PE for students with severe disabilities, Victoria, TX, February 10, 2003.

Autism and sensory integration, Region 1 Conference, Laredo, TX, April 25, 2003.

Adapting general PE, Wichita Falls, TX, June 9, 2003.

CHALIP, LAURENCE

Tourism and the Olympic Games. Conference on Olympic Legacy, Lausanne, Switzerland, 2002.

Segmentation and utilities of marathon runners: A conjoint analysis. Annual Conference of the North American Society for Sport Management, Ithaca, NY, 2002.

COYLE, EDWARD F.

Anti-oxidants and exercise: Perspective of an applied physiologists- Symposium Discussant Annual Meeting of the American College of Sports Medicine, San Francisco, CA, May 2003.

Endurance performance physiology: application and remaining mysteries, President's Lecture: 50th Annual Meeting of The American College of Sports Medicine, San Francisco, CA, May 2003.

¿Cuanta proteína, grasa y carbohidratos, realmente necesita el deportista? June 2003.

Nutrición para la recuperación: ¿Cuál es la mezcla correcta de Nutrimientos? June 2003.

International Symposium for Sports Nutrition. Universidad Iberoamericana. Mexico City. Mexico

Fluid replacement during exercise. International Olympic Committee. Switzerland, June 2003.

DINGWELL, JONATHAN

Nonlinear hidden variable tracking for monitoring long-term changes in biomechanics and neuromuscular coordination, (Invited symposium presentation), Proceedings of the 39th Annual Meeting of the Society of Engineering Science, State College, PA, October 13-16, 2002.

FARRAR, ROGER P.

The interaction of resistance training and IGF-I overexpression upon skeletal muscle mass and function. 2002 Busan Asian Games Sport Scientific Congress,, Busan Korea, October 2002.

FUNK, DANIEL

Integrated marketing strategies: Understanding the correspondence between venue-based consumer interest and virtual content. North American Society for Sport Management Conference. Ithaca, NY, 2003.

GAMMAGE, AMANDA

Performance pyramid. Texas Association for Health, Physical Education, Recreation and Dance, December 2002.

GOTTLIEB, NELL H.

Using product planning as an impetus to examine organizational infrastructures. National Conference on Tobacco or Health, San Francisco, CA, November 2002.

Intended and unintended consequences of minors tobacco possession laws: The Texas experience. 12th World Conference on Tobacco or Health, Helsinki, Finland, August 2003.

GREEN, B. CHRISTINE

Antecedents and consequences of continuing education in scuba diving. Annual Conference of the North American Society for Sport Management, Ithaca, NY, June 2003.

GRIFFIN, LISA

Central excitability and resistance training. Exercise Neuroscience conference, Hamilton, ON. August 22, 2002.

Neural excitability following resistance training studied with transcranial magnetic stimulation. American College of Sports Medicine, San Francisco, CA, 2003.

Rate coding and the prevention of muscle fatigue during functional electrical stimulation, Texas Paralyzed Veterans Association, San Antonio, TX. 2003.

HARRIS, KAROL K.

Study of early feeding behaviors among Mexican American WIC participants. Presented at the National WIC Association Nutrition and Breastfeeding Conference, Phoenix, AZ, September 2002.

IVY, JOHN

Exercise training and type 2 diabetes. Keynote Address Taiwan National Sports Medicine Congress. Taipei, Taiwan, November 2002.

Exercise and the elderly. Taiwan National Sports Medicine Congress. Taipei, Taiwan November 2002.
Recovery from prolonged aerobic exercise. National College of Physical Education and Sports. Taipei, Taiwan November 2002.

Carbohydrate and protein for rapid recovery from exhaustive exercise. Symposium: Nutritional Strategies for Military Crew. Operation and Performance Considerations. Aerospace Medicine Association Annual Scientific Meeting. San Antonio, TX, May 2003.

Improvements in insulin resistance with exercise training: Is increase in GLUT4 expression the answer? Symposium, Preventing Insulin Resistance Through Exercise: A Cellular Approach. American College of Sports Medicine, National Convention. San Francisco, CA, May 2003.

Enhancing recovery from exercise with carbohydrate-protein supplementation. 2003 Daegu Universiade Conference. World University Games. Yeungnam University, Gyeongsan, Korea, August 2003.

The importance of an increase in GLUT4 protein concentration with exercise training. Kyungpook National University, Daegu, Korea, August 2003.

Exercise and type 2 diabetes. Southeast Texas Association of Diabetes Educators. Houston, TX, October, 2002.

Exercise recovery: What are the nutritional considerations? Keynote Address. Biology and Kinesiology Senior Seminar Symposium. Texas Lutheran University, Seguin, TX, March, 2003.

Exercise recovery nutrition. Red McCombs School of Business. University of Texas, Austin, TX, April, 2003.

JENSEN, JODY

The puzzles of motor development. McGraw Lecture, University of Texas at Austin, March 2003.

LOUKAS, ALEXANDRA

Examining the role of school and community contextual influences in middle school students' MIP citation receipt. National Conference on Tobacco or Health, San Francisco, CA, November 2002.

Temperament and ethnicity as moderators of the relations between family environment and early adolescent adjustment. Biennial meeting of the Society for Research in Child Development, Tampa, FL, April 2003.

Examining the personal meaning of minors' in possession citation for 14-17 year old Texas youth. 12th World Conference on Tobacco or Health, Helsinki, Finland, August 2003.

MITCHELL, TERRI

Water bridges the gap, Fit in the City. Sioux Falls, SD, September 2002.

Aqua Pilates, Fit in the City, Sioux Falls, SD, September 2002.

Hand me a handbar, Fit in the City, Sioux Falls, SC, September 2002.

Let's get neck-ed, Fit in the City, Sioux Falls, SC, September 2002.

Water you doin', Fit in the City, Sioux Falls, SC, September 2002.

Super swingin' seniors. New England Aquatic Professionals, Boston, MA, September 2002.

Aqualogical abdominals, New England Aquatic Professionals, Boston, MA, September 2002.

Aqualogical abdominals. Gulf Coast Aquatics Professionals Network, Pensacola, FL, November 2002.

Hand me a handbar. Gulf Coast Aquatics Professionals Network, Pensacola, FL, November 2002.

Aqualogical abdominals, Texas Public Pool Council and the City of College Station, College Station, TX, January 2002.

PNF in the pool, Texas Public Pool Council and the City of College Station, College Station, TX, January 2002.

Progressive orthopedic aquatics. Aquatic Therapy and Rehab Institute, Chicago, IL, June 2003.

PNF in the pool, Aquatic Therapy and Rehab Institute, Chicago, IL, June 2003.

Aqua pilates, Aquatic Therapy and Rehab Institute, Chicago, IL, June 2003.

Rehabdominals, Aquatic Therapy and Rehab Institute, Chicago, IL, June 2003.

PETERSON, FRED

Evidence-based school health education practice: a model for enhancing teacher health literacy in the 21st century, The University of Texas at San Antonio – Department of Health and Kinesiology (Invited Lecture), September, 2002.

Assessment of the impact of a pre-service school health education course on student views of teacher health literacy, American School Health Association Annual Conference, Charlotte, NC, October, 2002.

Evidence-based pre-service school health promotion in teacher education: linking research to best practices, American Public Health Association Annual Conference, Philadelphia, PA, November, 2002.

Adolescent risk-taking behavior, “Children and Society” Freshmen Seminar – The University of Texas at Austin, (Invited Lecture), January 23, 2003.

Sex, drugs, violence, and eating disorders: Youth health and the media, Association for Supervision and Curriculum Development Annual Conference, San Francisco, CA, March, 2003.

The science of adolescent risk-taking behavior: Bridging research to health promotion practice, American Alliance for Health, Physical Education, Recreation, and Dance Annual Conference, Philadelphia, PA, April, 2003.

RAMÍREZ, TERESITA B.

Beyond running laps: PE strategies for the classroom teacher. 3rd Annual Ties Conference for Novice Teachers, September 28, 2002.

Elementary Physical Education, College of Educ. Open House, Parent’s Weekend, October 26, 2002.

G•A•M•E•S•S. Selecting, Modifying, and Creating Games for Elementary Physical Education, Invited Class Lecture, March 4, 2003.

Teaching Physical Education and Coaching in the Public Schools, EDC 333W Invited Class Lecture, March 26, 2003.

SCHIMELMAN, PAUL D.

Psychological sports skills training seminar, U.S. Fencing Coaches Association Conference, Palo Alto College, San Antonio, TX, May 2003.

SPIRDUSO, WANEEN

The third age: Reinventing old age in the new millennium. The Pease Family Scholar Lecture. Iowa State University, Ames, IA, October 2002.

Physical function and assessment in older adults. Keynote Address, International Scientific Congress: Asian Games. Busan, Korea. September 25, 2002.

Physical function in older adults. Distinguished Lecture. Chung Ju University, Chung Ju, Korea. September 26, 2002.

STARNES, JOSEPH W.

All about the graduate program in kinesiology at The University of Texas at Austin. Dept. of Kinesiology, Southwestern University, Georgetown, TX, October, 2002.

The aging heart and oxidative stress. Stevens Visiting Scholar Lecture, Dept. of Exercise and Sport Sciences, University of Florida, Gainesville, FL, November, 2002.

Exercise and myocardial protection. Stevens Visiting Scholar Lecture, Dept. of Exercise and Sport Sciences, University of Florida, Gainesville, FL, November, 2002.

The interaction of aging and exercise on the expression of heat shock protein. Featured Session: Cellular Basis of Training-Induced Cardioprotection. American College of Sports Medicine Annual meeting San Francisco, CA, May, 2003.

STEINHARDT, MARY A.

The resilient individual: strength in the midst of change and stressful life events. Motorola U.S. Rewards Team, Chicago, IL, September, 2002.

Seven habits of highly effective people. Jester West Residence Hall, The University of Texas, Austin, TX, September, 2002.

Seven habits of highly effective people. Westwood High School, Austin, TX, October, 2002.

The resilient individual: strength in the midst of change and stressful life events. Keynote Speaker, Association of College and University Housing Officers, 17th Annual Information Technology Conference, Austin, TX, October, 2002.

The resilient individual: strength in the midst of change and stressful life events. Central Texas Cardiac Support Group, Sponsored by St. David's Medical Center, Austin, TX, November, 2002.

The resilient individual: strength in the midst of change and stressful life events. Sponsored by Human Resource Services, The University of Texas, Austin, TX, November, 2002.

resilient individual: strength in the midst of change and stressful life events. Texas Exes Staff Development, The University of Texas, Austin, TX, November, 2002.

The resilient individual: strength in the midst of change and stressful life events. ACA Professional Development Day, The University of Texas, Austin, TX, November, 2002.

The resilient individual: strength in the midst of change and stressful life events. Resident Assistant Staff, Waller Creek Residence Halls, Division of Housing, The University of Texas, Austin, TX, November, 2002.

The resilient individual: strength in the midst of change and stressful life events. Pasadena Independent School District Administrative Council, Pasadena, TX, December, 2002.

Seven habits of highly effective people. 3M Austin Center, Austin, TX, January 7-8, April 17-18, 2002.

The resilient individual: strength in the midst of change and stressful life events. Department of Human Services Executive Staff, Austin, TX, January, 2003.

The resilient individual: strength in the midst of change and stressful life events. Perinatal Outreach Seminar, Seton Medical Center, Austin, TX, February, 2003.

The resilient individual: strength in the midst of change and stressful life events. Round Rock Medical Center Cardiac Support Group, Round Rock, TX, March, 2003.

The resilient individual: strength in the midst of change and stressful life events. Motorola, Austin, TX, February, March, and April, 2003.

Coping strategies for handling difficult situations. Jester West Dorm, The University of Texas, Austin, TX, April, 2003.

Handling difficult situations. Texas County Purchasing Association, Austin, TX, May, 2003

The resilient individual: strength in the midst of change and stressful life events. Department of Human Services, San Antonio, TX, October, 2002 and July, 2003.

The resilient individual: strength in the midst of change and stressful life events. Texas County Purchasing Association, Thompson Conference Center, Austin, TX, June, 2003.

Building a resilient team. Residence Hall Training, The University of Texas, Austin, TX, August, 2003.

Building resilience and learning to thrive. 3M Austin Center, Austin, TX, August, 2003.

TANAKA, HIROFUMI

Age-related reductions in physiological functional capacity in women. The University of Texas, Austin, TX, September 2002.

Primary and secondary prevention of arterial stiffening: is regular exercise effective? Texas A&M University, College Station, TX, September 2002.

Age-related declines in physiological functional capacity: insight from exercise performance and VO₂max. University of Tennessee, Knoxville, TN, October 2002.

Aging, habitual exercise, and basal limb blood flow. Kawasaki University of Medical Welfare, Okayama, Japan. June 2003

Exercise, hypertension, and cognition. Advanced Research Workshop on Aging, Exercise, and Cognition. Austin, TX, June 2003.

Age-related reductions in basal limb blood flow. Japan Society of Exercise and Sports Physiology annual meeting, Nagoya, Japan. August 2003.

Research career in the US: Differences and similarities between the Japanese and US system. Japan Society of Exercise and Sports Physiology annual meeting, Nagoya, Japan. August 2003

TODD, JAN

A patch of sand that changed the world: the history of muscle beach. American Studies Association, Houston, TX, November 2002.

Student Publications

MCCALISTER, KATHERINE, T.

Steinhardt, M.A., Dolbier, C.L., Gottlieb, N.H., McCalister, K.T. (2003). The relationship between hardiness, supervisor support, group cohesion, and job stress as predictors of job satisfaction. *American Journal of Health Promotion, 17*, 382-389.

MALLON, MARK

Steinhardt, M.A., Dolbier, C.L., Mallon, M, and Adams, T. (2003). The development and validation of a scale for measuring self-leadership. *Journal of Self-Leadership, 1*, 20-31.

Student Presentations

BANN, ERIN

The relationship of media representations, body image, and risk towards disordered eating: an interactive qualitative analysis, American College Health Association Annual Conference, Miami, FL, May, 2003.

CHAO, PEIKUANG

Muscle co-contraction during cycling: A potential adaptation mechanism in children to enhance force production. Annual meeting of the North American Society for Psychology of Sport and Physical Activity, Savannah, GA. June 2003.

CICCOLO, JOSEPH

Physical activity and aids as predictors of depression in HIV-infected individuals. American College of Sports Medicine Annual Meeting, San Francisco, CA, June 2003.

FOGT, DONOVAN L.

Effects of glycogen synthase overexpression on post-exercise glycogen synthesis. American College of Sports Medicine Annual Meeting, San Francisco, CA, June 2003.

GOTTLIEB, AMY S.

Using product planning as an impetus to examine organizational infrastructures. National Conference on Tobacco or Health, San Francisco, CA, November 2002.

JORDAN, TAMMY J.

The child and adolescent health advocacy experience. American School Health Association Annual Conference, Charlotte, NC, October, 2002.

KILPATRICK, MARCUS

Behavioral regulation in physical activity: A comparison of sport and exercise motivation. American College of Sports Medicine Annual Meeting, San Francisco, CA, 2003.

KORFF, THOMAS

Role differentiation of mono- and biarticular muscles during cycling: Are there age-related differences? Annual meeting of the North American Society for Psychology of Sport and Physical Activity, Savannah, GA. June 2003.

Chao, P., Korff, T., & Jensen, J.L. (June, 2003). Muscle co-contraction during cycling: A potential adaptation mechanism in children to enhance force production. Annual meeting of the North American Society for Psychology of Sport and Physical Activity, Savannah, GA. June 2003.

Age-related changes in force production during cycling: Differences in muscle activation patterns. European Workshop on Movement Science, Münster, Germany. May 2003.

The Development of adaptation to changing speed requirements in terms of negative muscular work during bicycling. Annual meeting of the American Alliance for Health, Physical Education, Recreation and Dance. Philadelphia, PA. April 2003.

LIU, TING

Bilateral asymmetry and cycling performance in children. Annual meeting of the North American Society for Psychology of Sport and Physical Activity, Savannah, GA. June 2003.

MILLER, BRIDGET

A brief counseling guide can enhance fruit and vegetable consumption in WIC mothers. American College of Sports Medicine Annual Meeting, San Francisco, CA, 2003.

SHANI, D.

Workshop on publishing in sport marketing. American Marketing Association Conference on Sports Marketing, Lexington, Kentucky, October 2002.

SPRINGER, BARB

Heart rate variability and mood following moderate intensity exercise. American College of Sports Medicine Annual Meeting, San Francisco, CA, 2003.

WHITE, CHRIS

Improving Teacher Sexual Health Literacy: An Evidence-Based Paradigm for Teacher Training, Presented at the American Association of Sexuality Educators, Counselors, and Therapists Annual Conference, Las Vegas, Nevada, June, 2003.

WIDZER, MATT

Effects of carbohydrate supplementation on previous exercise and recovery on fuel utilization of subsequent exercise. American College of Sports Medicine Annual Meeting, San Francisco, CA, June 2003.

Lynn W. McCraw Lecture Series



The Department of Kinesiology and Health Education initiated its departmental seminar series in the Fall of 1998. The seminar series was named in honor of Dr. Lynn W. McCraw to recognize his many contributions to the department through his distinguished teaching, scholarship and professional service.

September 27, 2002

Age-Related Reductions in Physiological Functional Capacity in Women.

Dr. Hirofumi Tanaka, Assistant Professor
Cardiovascular Aging Research Laboratory

October 25, 2002

Policy Legitimation in Sport and the Aims of Sport Management

Dr. Laurence Chalip, Professor
Sport Management Program

November 22, 2002

Exercise and Sleep Quality in Adults

Martita A Lopez, Ph.D., Adjunct Assoc Professor
Department of Psychology, College of Liberal Arts

December 6, 2002

Formulating and Disseminating Research Designed for Application: Maximizing the Utility of Knowledge

Lisa Beesley, Lecturer
School of Marketing and Management, Griffith University, Australia

January 31, 2003

Being a Good Roujin: Senility, Power, and Self-Actualization in Japan"

John Traphagan, Ph.D, Assistant Professor
Department of Asian Studies, College of Liberal Arts

February 28, 2003

Forty Acres of FIT? Fitness Profile of Students in UT Conditioning Classes

Philip R. Stanforth, M.S., Lecturer & Director
Fitness Institute of Texas

March 28, 2003

The Puzzles of Motor Development"

Jody L. Jensen, Ph.D., Associate Professor, Motor Behavior

April 25, 2003

Designer Genes: More than Fashion

Roger P. Farrar, Ph.D., Professor
Kinesiology and Health Education

Alderson Lecture

Each year an outstanding professional is invited to the campus to present a formal lecture and to meet informally with students and faculty in Kinesiology and Health Education. This lecture series honors Dr. C.J. "Shorty" Alderson, and Dr. Mary Buice Alderson, who together devoted more than eighty-five years to the professions of health, physical education, and athletics.



C.J. "Shorty" Alderson



Mary Buice Alderson

22nd ANNUAL ALDERSON LECTURE

Tuesday, February 11, 2003

7:00pm Thompson Conference Center LBJ Auditorium

PHYSICAL ACTIVITY INTERVENTION IN SCHOOLS

THOMAS L. MCKENZIE, PH.D.

*Professor, Department of Exercise and Nutritional Sciences, San Diego State University
Adjunct Professor, Department of Pediatrics, School of Medicine, University, of California,
San Diego*

Dr. Thom McKenzie is the author of over 100 refereed articles and book chapters and has presented over 250 papers on physical activity, physical education, teacher/coach training, and applied psychology. His expertise and diversity are widely recognized, and he is a Fellow in three professional organizations: American Academy of Kinesiology and Physical Education (AAKPE), American College of Sports Medicine (ACSM), and Research Consortium, American Alliance for Health, Physical Education, Recreation, and Dance (AAHPERD).

Dr. McKenzie is a former school health and physical education teacher, administrator, coach, and athletic director, as well as a performance enhancement consultant to USA international volleyball teams (15 years) and the director of summer residential programs for obese adolescents (4 years). He is recognized internationally for his research on child and adolescent physical activity and is a national leader in designing curricula and teacher development programs in physical education.

Dr. McKenzie has been a major investigator on four long-term, multidisciplinary elementary and middle school projects funded by the National Institutes of Health, USA. He is Co-Principal Investigator and Intervention Director of the San Diego TAAG (Trial of Activity for Adolescent Girls, 2000-2006) and M-SPAN (Middle School Physical Activity and Nutrition, 1996-2000) projects. He was the co-founder of the SPARK PE program (Sports, Play, and Active Recreation for Kids), which was honored as the first upper-elementary school physical education program to be validated by the United States Department of Education, Program Effectiveness Panel. He was also the Director of Physical Education for the CATCH (Child and Adolescent Trial for Cardiovascular Health) study that was tested with students from 96 elementary schools in four states (1989-2001).

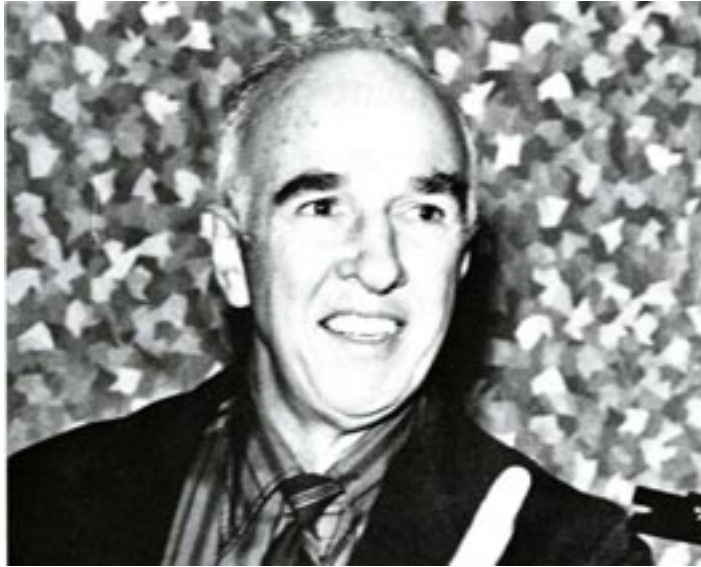


John L. Ivy and Thom McKenzie

PAST ALDERSON LECTURES

- 1981 **Hal Lawson**, The University of British Columbia, Vancouver, British Columbia. "Physical Education and the Challenge of the Next Century."
- 1982 **Linda Bain**, The University of Houston, Houston, Texas. "Physical Education: Something of Value."
- 1983 **Don Hellison**, Portland State University, Portland, Oregon. "Teaching Physical Education: What's Worth Doing?"
- 1984 **Lynn W. McCraw**, The University of Texas at Austin, Austin, Texas. "Profile of a Professional Educator."
- 1985 **Jack H. Wilmore**, The University of Texas at Austin, Austin, Texas. "The Fitness Boom: Are We Leaders or Followers?"
- 1986 **Lawrence F. Locke**, The University of Massachusetts, Amherst, Massachusetts. "Lies, Damned Lies, and Statistics."
- 1987 **Shirl J. Hoffman**, The University of North Carolina at Greensboro, Greensboro, North Carolina. "Playing the Role of Teacher and Teaching the Role of Play."
- 1988 **Charles J. Dillman**, American Sports Medicine Institute, Birmingham, Alabama. "The Role of Sports Science in the U.S. Olympic Program."
- 1990 **Ambrose E. Brazelton**, Retired Supervisor of Elementary Physical Education and Coordinator of Urban Programs, Ohio Department of Education. "Edu-Caring."
- 1991 **Phyllis Weikart**, High/Scope Educational Research Foundation, University of Michigan, Ann Arbor, Michigan. "Developmentally Appropriate Physical Education."
- 1992 **Anita L. DeFrantz**, President, Amateur Athletic Foundation, Los Angeles, California. "As the Sun Sets on the Promised Land."
- 1993 **Mary Lou Remley**, Indiana University, Bloomington, Indiana. "Sporting Influences in American Art, Language, and Literature."
- 1994 **Robert M. Malina**, The University of Texas at Austin, Austin, Texas. "Fitness or Unfitness of Youth: Current Status in the Era of Political Correctness."
- 1995 **William L. Haskell**, Stanford University. "Physical Activity and Health: Guidelines for Public Health Recommendations."
- 1996 **John A. Lucas**, Pennsylvania State University. "The Olympic Games -- Past, Present, and Future."
- 1997 **Donna A. Lopiano**, Women's Sport Foundation. "Why Every Woman Must Play Sports: Implications for Your Career, Your Health and Your Daughter."
- 1998 **William D. Farney**, Director, University Interscholastic League. "The Future of Amateur Athletics".
- 1999 **Mary Jo Kane**, Director, Tucker Center for Research on Girls and Women in Sport, University of Minnesota. "Media Representations of the Post Title-IX Female Athlete: The Good, the Bad and the Dangerous."
- 2000 **Daryl Siedentop**, Interim Dean, College of Education, The Ohio State University. "Physical Education in the New Millennium."
- 2001 **Alan M. Klein**, Professor of Sociology & Anthropology, Northeastern University. "Afta' NAFTA: Baseball in a Borderless World."
- 2002 **Waneen W. Spirduso**, Oscar & Anne Mauzy Regents Professor for Educational Research and Development, The University of Texas at Austin, Austin, Texas. "Reinventing the Third Age in the New Millenium."

IN MEMORIAM



KARL K. KLEIN
Professor Emeritus

Born May 15, 1916, in Buffalo, N.Y., Professor Klein died peacefully in his sleep on Oct. 31, 2003, in Ithaca, N.Y., following a stroke. Karl's military service included two years assisting in physical rehabilitation at the U.S. Naval Rehabilitation Center in Corvallis, Ore. Early in his career Professor Klein lived in Ithaca, N.Y., while teaching at Ithaca College, then Springfield, Mass., while working on his masters degree. The next 43 years found him at the University of Texas at Austin. After retirement, he and his wife, Marjorie, moved back to their cabin in Ithaca, N.Y., where they had spent their summers while in Texas. In 1990 they moved to Longview retirement community in Ithaca, across the highway from Ithaca College.

At UT Austin Professor Klein started and was director of the Physical Rehabilitation Clinic, helping people from all walks of life. His work also included federally funded research related to sports injury prevention programs, analysis of short leg syndrome, and studies that led to the prohibition of deep knee bends in all branches of the military. His work was recognized by the American College of Sports Medicine, and one of his testing instruments is at the Smithsonian in Washington, D.C. He always refused payment from people he helped, instead asking that they donate to scholarship funds he and Marjorie established. Professor Klein was widely published in professional journals and was invited and traveled to numerous countries to present professional information. A major pride in his life was, as a non-medical doctor, being asked to present his work at national and international medical conferences. Professor Klein is survived by Marjorie M. (Mount) Klein, wife of more than 66 years; son Keith K. Klein of South Lake Tahoe, Calif.; granddaughter Kitty Reed, her husband John and great-grandsons Austin and Dylan, of Evergreen, Colo.; and granddaughter Lernoore Roth and her husband David, of North Fork, Calif. He was predeceased by his daughter Karen K. Klein.

A memorial service was held Sunday Nov. 23, 2003, at Longview Auditorium, 1 Bella Vista Dr., Ithaca, N.Y.

Keith Klein