

## ANNETTE CALDWELL SIMMONS SCHOOL OF EDUCATION AND HUMAN DEVELOPMENT

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resolution, counseling, applied physiology, wellness, liberal studies and lifelong learning. The mission of the school is to integrate the theory, research and practice of education and human development; to promote academic rigor and interdisciplinary study; to educate students for initial certification and professional practice; and to nurture collaboration across the academic community.

Undergraduate programs include a major and three minors in applied physiology and sport management and a minor in education. The school offers one doctoral program, eight Master



## Undergraduate Teacher Certification

[www.smu.edu/teacher\\_prep](http://www.smu.edu/teacher_prep)

Dara Williams -Rossi, Director

The Department of Teaching and Learning offers courses that prepare students for teacher certification at the elementary and secondary levels: early childhood through grade six, grades four through eight (middle school) and grades eight through 12 (high school). All of the courses in the program of study are based on the Texas standards for beginning teachers. Undergraduate students pursue an approved academic major in the Dedman College of Humanities and Sciences Meadows School of the Arts, Cox School of Business, Simmons School of Education and Human Development, or Lyle School of Engineering while seeking Texas teacher certification and pursuing a minor in education. Music education students work toward an all-level (grades EC-12) certificate. Those who have already earned a Bachelor's degree may obtain teacher certification credentials through the postbaccalaureate program, which essentially mirrors the undergraduate program. Postbaccalaureate students seeking certification for grades four through eight or grades eight through 12 must have 24 hours of coursework in the subject area in which they plan to seek certification, with at least 12 of the 24 hours being upper-division courses.

Each student in a certification program has an education adviser who directs his/her program of study. The education adviser is committed to mentoring and supporting student learning. Students are expected to maintain high levels of performance and to develop habits of reflection as they acquire knowledge and skills of practice.

The program of study includes 24 credit hours of coursework and six hours of student-teaching or internship experience in the three elementary and secondary certification programs: EC through grade six, grades four through eight (middle school) and grades eight through 12 (high school). (See the list of courses below.) Students must complete the 24 credit hours of coursework required for teacher certification preparation in order to declare a minor in elementary teaching or secondary teaching.

Requirements for Admission to the Teacher Education Program. Undergraduate students apply for formal admission to the program. When they apply, they must submit a transcript, an essay, a recommendation, and appropriate Texas Higher Education Assessment or other test scores; in addition, they must complete a background check and a State of Texas Character and Dispositions Statement. Students must complete at least 45 hours of academic work with a GPA of at least 2.500 to be considered for admission. Applicants also interview with members of the faculty. Students may register for up to seven hours of EDU coursework which typically include EDU 2350, 5327 and 5121/5124 before formally applying for admission to the program. EDU 2350 is a prerequisite for undergraduates enrolling in the certification program. Applications for admission to the teacher education program may be obtained from the departmental office in suite 345, Annette Caldwell Simmons Hall.

Courses. All of the courses in the program of study are based on the Texas standards for beginning teachers. The classroom-based coursework can be completed in two regular terms, such as fall and spring. Professors model learning

experiences that are considered best practices for all learners in these courses. Students are expected to work collaboratively in small groups, complete simulated teacher tasks, pose questions for class inquiry and use multiple resources to answer questions.

Field Experience and Student Teaching. The teacher education program includes extensive field experience to help students prepare for careers in teaching. A personal/criminal background check is required prior to field experience and student teaching. The student progresses from observational activities in classrooms to teaching and learning practice sessions in early field experiences with individual students and small groups. Finally, during student teaching, the student assumes responsibility for an entire classroom in a carefully managed student





3301. The Art and Science of Parenting . An examination of the literature pertaining to parenting. Students consider how parental beliefs, attitudes, and expectations affect the manner in which parents interact with their children.

4300. Foundations of Teaching English to Speakers of Other Languages. Development and analysis of lesson plans in all content areas using TESOL competencies, emphasizing language concepts, acquisition, teaching and assessment strategies and the role of culture in language acquisition.

5310. Civic Leadership. Individual and community transformation, resulting from civic leadership, is examined in the classroom and experientially through a required community-service component occurring outside the classroom.

#### THE INSTITUTE FOR EVIDENCE -BASED EDUCATION

[www.smu.edu/EvidenceBasedEducation](http://www.smu.edu/EvidenceBasedEducation)

Professor Patricia G. Mathes, Director and Texas Instruments  
Endowed Chair in Evidence -Based Education

Established in 2002, the Institute for Evidence -Based Education (formerly known as the Institute for Reading Research) supports researchers within the school and from across the SMU campus who are conducting and disseminating cutting-edge research related to reading and reading disabilities, language acquisition, and learning. The institute provides resources such as budget management and accounting support, database building, data processing, data analysis services, graphic artistry, and technical writing. Researchers affiliated with the institute have been very successful in obtaining external funding and providing leadership on a local and national level through the publication of research manuscripts, curricula and coursework packages, and through the delivery of staff development workshops. Current institute research focuses on

- B Examining the efficacy of a technology-based response to intervention.
- B Determining the reading potential of students with moderate or mild intellectual disabilities.
- B Scaling up scientifically proven reading interventions for effective use in public schools, including supporting teachers as they implement new best practices and innovations in the field. A major outcome of this research has been the creation and validation of the use of technology to provide ongoing coaching to teachers.
- B Examining the efficacy of various models for teaching English language learners who are native Spanish speakers to read and speak in English. A thrust of this research is to examine the possibilities of developing fully bilingual, biliterate individuals, without compromising English development.
- B Developing and validating continuous progress monitoring assessment tools using computer-adaptive testing technology to pinpoint each individual's functional performance ability and track growth across an academic year.

The institute provides leadership training to future educators, researchers and statisticians through applied experiences in the execution of large-scale field-based research. It also is committed to the delivery of programs and activities that serve the reading enhancement needs of the community at large.

## GIFTED STUDENTS INSTITUTE

[www.smu.edu/GSI](http://www.smu.edu/GSI)

Associate Dean and Senior Lecturer Kathy Hargrove, Director

Dedicated to the support of the cognitive and affective development of gifted youth, the Gifted Students Institute offers a range of programs and services for educators and gifted youth and their families.

The Distinguished Lecture Series offers a large selection of oneday sessions and workshops that integrate theory and practice. Lectures are delivered by guest speakers from the SMU faculty and public and private learning institutions throughout the country. The institute developed the school's Gifted Education graduate program that is offered through the Department of Teaching and Learning. In addition, the institute serves precollege gifted students through the Talented and Gifted and College Experience programs.

## DEPARTMENT OF APPLIED PHYSIOLOGY AND WELLNESS

Associate Professor Peter Gifford, Department Chair

Associate Professors: Peter Gifford, Lynn Romejko Jacobs, Peter Weyand. Assistant Professor: Scott L. Davis. Senior Lecturers: Birdie Barr, Brian Fennig. Professors of Practice: Michael Lysko, Michael Stone. Lecturers: Piotr Chelstowski, Donna Gober, Megan Knapp, Kristen McAlexander, Vicki Wood.

The Department of Applied Physiology and Wellness offers an undergraduate major in applied physiology and sport management as well as the Choices for Living courses, which address seven elements of wellness (social, physical, environmental, occupational, intellectual, emotional and spiritual).

Applied Physiology and Sport Management Major

[www.smu.edu/apsm](http://www.smu.edu/apsm)

The Applied Physiology and Sport Management program provides a rigorous curriculum for understanding the biological basis of health and fitness and the



professional, collegiate or amateur sport organizations; representation of professional athletes; sport public relations; and sport facility and event management.

#### Applied Physiology and Enterprise Concentration

The Applied Physiology and Enterprise program ensures that students are prepared to develop research-based training methods in order to advise effective lifestyle prescriptions, as well as design and manage fitness and health facilities.

The course offerings within this concentration focus on holistic fitness and health outcomes and are formulated and presented around the central theme of evidence-based practice. This strategy endows students with the analytic skills necessary to evaluate and properly incorporate research results into professional practice. The Applied Physiology and Enterprise program provides students with the solid research foundation that is necessary for leaders, educators and practitioners in the prevention of chronic diseases that plague our society and affect our health-care system.

#### Sport Management Concentration

Due to the explosion of interest in sport as a business, curricula to prepare management professionals are growing in number and prevalence. Further, as the business of sport becomes more complex, the preparation of professionals has become increasingly sophisticated, relying heavily on successful business theories and principles.

The academic discipline of sport management draws significantly on valid research and practices from organization and information management systems, including: budgeting, accounting, managing events, managing personnel and facilities, controlling, directing, evaluating, leading, writing, selling, working with media, developing publications, keeping game notes and statistics, interviewing, promoting, advertising, and fundraising.

#### Admission Requirements

- B Have a minimum 2.000 GPA overall.
- B Have completed 30+ credit hours.
- B Successfully complete the introductory course APSM 2310.
- B Attend a required orientation meeting for prospective majors.
- B Complete and submit a general application form for acceptance into the APSM major program along with one letter of recommendation from an SMU professor.

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#### Application for a Degree

Students must submit to the Office of the Dean a formal application for graduation by August 26 for December 2011 graduation, by January 23 for May 2012 graduation, or by June 5 for August 2012 graduation.

#### Credits

A candidate for a Simmons School APSM degree must have

- B A minimum total of 122 credit hours, including the requirements for general education and the requirements for the APSM major.
- B A minimum total of 42 advanced credit hours (3000 level or above).
- B A maximum total of two credit hours of Wellness courses.
- B A maximum total of six credit hours of internship credit.

#### Grades

A candidate for a Simmons School APSM degree must have

- B A minimum cumulative GPA of 2.000 on all work attempted through enrollment at SMU.
- B A minimum cumulative GPA of 2.000 on all equivalent work attempted elsewhere, if any.
- B A minimum grade of C- on any advanced course taken in fulfillment of major or minor requirements.
- B A minimum cumulative GPA of 2.000 on all work attempted for completion of major or minor requirements.
- B No more than 12 hours with a grade of P (Pass).

#### Minimum Credit Requirement

A candidate for a B.S. degree in APSM from the Simmons School must take the following hours as SMU credit; that is, the credit hours must be earned in SMU courses or SMU-approved international programs.

- B A minimum of 60 credit hours.
- B A minimum of 18 credit hours of advanced work in the major.

#### Requirements for Obtaining Two Degrees Simultaneously

A student may select both concentrations within the APSM major in the Simmons School by completing all requirements in each concentration, along with general requirements for a B.S. degree in APSM. However, a student may not be awarded more than one baccalaureate degree from the Applied Physiology and Wellness Department.

A student may pursue a program of study leading to a degree from the Simmons School along with a degree from the Dedman College of Humanities and Sciences, Cox School of Business, Meadows School of the Arts, or Lyle School of Engineering. The student must obtain approval for the proposed program of study from the deans of the schools involved.

#### Graduation Honors

There are three classes of graduation honors: summa cum laude, magna cum laude and cum laude. Eligibility for graduation honors will be based upon the following academic program. All academic work attempted at other colleges or universities

that is equivalent to SMU work will be included in the calculation of the GPA. For students who have transferred to SMU, two GPAs will be calculated: one for all work attempted (at both SMU and equivalent universities) and one for work completed through enrollment at SMU alone. Honors will be based on the lower of the two averages.

#### Departmental Distinction

A student may be awarded departmental distinction regardless of eligibility for graduation honors. This award is conferred by the Applied Physiology and Wellness Department based on specific criteria established by the department. Further information may be obtained from [www.smu.edu/apsm](http://www.smu.edu/apsm) or the department.

#### The Courses (APSM)

NOTE: Grades in APSM courses below a C- will not be accepted toward fulfilling major requirements.

All students must complete 23 ±24 hours to obtain a B.S. in APSM. The core courses and concentrations are described below.

	Credit Hours
Core Courses	
Sport Management	15
Applied Physiology and Enterprise	17
Concentration Courses	
Sport Management	24
Applied Physiology and Enterprise	23
Total	39 ±40

#### Core Courses (APSM)

3311. Exercise Physiology. This course uses an organ system approach to examine the body's responses and adaptations to exercise and movement. Prerequisite: APSM 2310. (For sport management majors only.)

3322. Biomechanics. This course introduces the scientific basis of support and motion in humans and other vertebrate animals, drawing equally on musculoskeletal biology and Newtonian mechanics. Prerequisite: APSM 2310. (For sport management majors only.)

3332. Legal and Ethical Aspects of Applied Physiology and Sport Management. Legal and ethical implications related to careers within the fitness and sport industries are explored. Ethical practices and legalities related to safety, risk management, personnel, and contracts are also discussed. Prerequisite: APSM 2310 or 2441.

3340. Applied Management Skills in Sports and Fitness. An extensive study of organizational functions, methods of operation, types of ownership, and the role of organizations in contemporary society as they relate to fitness and sport enterprises today. Prerequisite: APSM 2310 or APSM 2441.

3411. Exercise Physiology With Laboratory. This course is focused on developing an understanding of the physiological mechanisms underlying human movement. Specific topics of study include muscle physiology, respiration, cardiac function, circulation, energy metabolism, and application to training. Students are expected to have a basic understanding of algebra, general chemistry, and anatomy/physiology prior to enrollment. Offered in spring only. Prerequisite: APSM 2441 or 4441. (For applied physiology and enterprise majors or applied physiology minors only.)

3422. Biomechanics With Laboratory. This course introduces the scientific basis of support and motion in humans and other vertebrate animals, drawing equally on musculoskeletal biology and Newtonian mechanics. Offered in spring only. Recommended: PHYS 1303. Prerequisite: APSM 2441 or 4441. (For applied physiology and enterprise majors or applied physiology minors only.)

5300. Senior Project. This class teaches the process of formal inquiry by utilizing a team format to plan, execute, and report results regarding a scientific question of interest to the group. Prerequisite: STAT 1301, 2301, or 2331.

#### Applied Physiology and Enterprise Courses\* (APSM)

2441. Human Anatomy and Physiology. This lecture course with laboratory is designed to be a systemic approach to the study of the human body. The course focuses on structure and function as related to human health and performance.

3351. Nutrition. An examination of the role that nutrition plays in health and optimal function, including the impact of nutrition on obesity, heart disease, stroke, cancer, eating disorders, and specific populations.

4412. Advanced Exercise Physiology. This course introduces students to measurement techniques used to assess physiological responses to exercise. Students take measurements on themselves (or one another if they prefer) in structured laboratory experiences. Prerequisites: APSM 3311 or 3411, and APSM 2441 or 4441.

4441. Anatomy. A systems-level introduction to gross human and mammalian anatomy presented with a functional emphasis.

5351. Fitness and Health Enterprise. This course prepares students who aspire to careers in the health and fitness industries. Topics include the fundamentals of entrepreneurship, leadership, salesmanship, certification, and liability. Prerequisite: APSM 2441 or 4441.

5361. Undergraduate Research Practicum in Applied Physiology. This course is intended for students considering a career in laboratory-based biological research. Students conduct V X S H U Y L V H G U H V H D U F K L Q D Q \$ 3 6 0 I D F X O W \ P H P E H U \ V U H V H D U F K O D E R U D W R U invitation from the APSM faculty member in whose lab the research will be conducted. Prerequisite: APSM 2441 or 4441.

5610. Applied Physiology and Enterprise Internship. Experiential learning at a local fitness or health organization as an intern for a minimum total of 250 hours. Prerequisites: Senior standing and APSM 5351.

\* PSYC 3360. Health Psychology. An overview of psychological factors affecting the body. Topics include emotion, stress, and disease of the immune and cardiovascular systems; eating disorders; and aging.

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\*A required non -APSM course

#### Sport Management Courses (APSM)

2310. Contemporary Issues in Applied Physiology and Sport Management. This course explores the functional areas of business, management principles, contemporary issues, and future considerations for organizations within the fitness and sport industries. Reserved for students with fewer than 75 credit hours earned.

3372. Advanced Public Relations in Sport. This course provides an overview of sport industry -specific communications, including public relations, media relations, and community relations. Prerequisite: APSM 2310.

4345. Sports Marketing. This course provides a strategic framework to understand market dynamics, trends, consumer behavior, products, delivery systems, and marketing and promotional strategies that shape and drive the sports marketing industry. Prerequisite: APSM 2310.

4371. Revenue in Sports. This course covers sports industry revenue topics, including professional league and team revenue generation, franchise ownership and valuation, corporate sponsorship, sports media revenue, and industry selling practices. Prerequisite: APSM 2310.

437 2. Sport Facility and Event Management. This course examines the principles of sport facility planning, design, and management. Topics include venue design, operations, revenue

streams, budgeting, personnel, security, media relations, crisis control, and legal considera-

WELL 2117	Spinning
WELL 2118	Group Fitness
WELL 2119	Pilates
WELL 2122	Rock Climbing
WELL 2125	Intermediate Triathlon
WELL 2129	Golf
WELL 2131	Mountain Sports
WELL 2132	Racquetball
WELL 2135	Table Tennis
WELL 2136	Tennis
WELL 2140	Badminton
WELL 2141	Swimming
WELL 2142	Ballroom and Folk Dance
WELL 2144	Scuba Diving
WELL 2145	Beginning Swimming
WELL 2147	Power Yoga
WELL 2148	Aikido
WELL 2149	Karate
WELL 2150	Judo
WELL 2151	Self-Defense
WELL 2153	Fencing
WELL 2170	Volunteer Activities
WELL 2191	(optional choice for nontraditional enrollment)
WELL 3144	Advanced Scuba

#### HUMAN DEVELOPMENT COURSES (HDEV)

The Simmons School offers a selection of courses under the HDEV rubric that address learning and career-development skills.

1110. O.R.A.C.L.E. (formerly EDU 1110; course number modified spring 2011) A oneterm, 1-credit-hour course that counts as a University free elective. Designed to improve reading and learning efficiency, O.R.A.C.L.E. is directed to undergraduate students who want to acquire advanced reading and learning techniques.

1111. Success Strategies. A 1-credit-hour course that counts as a University free elective.

## CLIENT SERVICES

### The Diagnostic Center for Dyslexia and Related Disorders

[www.smu.edu/reading](http://www.smu.edu/reading)

The Learning Therapy program administers the Diagnostic Center for Dyslexia and Related Disorders, which was established in response to a community need for services that evaluate individuals for learning disorders related to reading acquisition and comprehension. Dyslexia is involved in most disorders of this type, which can also include developmental spelling disability, developmental auditory imperception, dysgraphia and dysphasia. The center is dedicated to providing comprehensive initial and follow-up evaluation services and appropriate medical, psychological and educational referrals and recommendations for children, adolescents and adults who are at risk for dyslexia and related disorders.

Comprehensive initial evaluation services are available to individuals who exhibit symptoms of dyslexia. Based on the evaluation results, the center helps these clients secure appropriate remediation and/or accommodations (e.g., a time-modified SAT or ACT exam) and provides medical and psychological referrals if warranted.

Re-evaluation services are available to individuals who have previously been diagnosed with dyslexia but who require a follow-up evaluation and diagnosis in order to continue receiving remediation and/or accommodations. Again, the center provides clients with appropriate recommendations and assistance in securing educational accommodations.

### The Center for Academic Progress and Success

[www.smu.edu/CAPS](http://www.smu.edu/CAPS)

CAPS offers tutoring services for school-age children who are experiencing difficulty with reading, vocabulary development, writing, math and spelling. The center's tutoring methods and tools have been designed by researchers from the University's nationally renowned Institute for Evidence-Based Education. Tutoring sessions are individualized, providing one-on-one instruction that is explicit, intensive and specifically designed to address learning differences and disabilities in children.

### SMU Mediation Center

[www.smu.edu/MediationClinic](http://www.smu.edu/MediationClinic)

Mediation services are available to parties involved in a dispute. Alumni and current students of the Dispute Resolution Program who have completed at least 200 training hours serve as volunteer mediators.

Parties may use SMU's mediation services either before or after a lawsuit is filed. Parties may contact SMU directly to arrange for mediation services, or if a lawsuit has been filed, a judge may order mediation and appoint the SMU center as the mediator. Parties have an equal say in the mediation process and the settlement terms. The mediator has no authority to impose a settlement, and there is no determination of guilt or innocence in this process. Both sides are able to exchange information, express expectations and propose solutions for reaching a resolution.

The mediator facilitates this process by helping the parties communicate clearly and appropriately. Most mediated settlements are completed in one meeting,



saving time and expenses. Legal or other representation is permitted in the mediation but is not required. An agreement reached in mediation can be binding to both parties. If no agreement is reached, the lawsuit continues or is filed. However, the mediation process is strictly confidential and settlement discussions cannot be used as evidence in any future court proceeding. Both parties pay a minimal fee.

The Center for Family Counseling

[www.smu.edu/FamilyCounseling](http://www.smu.edu/FamilyCounseling)

The Center for Family Counseling delivers developmentally appropriate and culturally sensitive counseling services for families, couples, adults, adolescents and children undergoing varying life circumstances, while providing SMU graduate counseling students with meaningful training experience via supervised therapeutic interactions. Counseling services are designed to assist individuals and groups seeking to enhance their overall life functioning, interpersonal relationships, self-understanding and career satisfaction for optimal well-being.

The Center for Child and Community Development

[www.smu.edu/cccd](http://www.smu.edu/cccd)

The Center for Child and Community Development is dedicated to the cognitive, affective/social, and cultural development of children in ethnically diverse communities. With both n2(ic61 0 0 u n6(a)-2(ti)4(o)-2ic)8(a)-2thn12(a)-2(n-2th)-2iCentnesentatioareaitce3(o)-2(r)-2-12vuW

accelerated students completing the seventh, eighth, or ninth grade. TAG is a summer opportunity that offers both college credit courses and noncredit courses. Additional information is available at [www.smu.edu/tag](http://www.smu.edu/tag).

Academic Enhancement offers a variety of workshops for students ages 5-18. Workshop topics include study skills, reading, test preparation, math, science, vocabulary and writing. Additional information is available at [www.smu.edu/read](http://www.smu.edu/read).

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