

## Facilities

### Gross Anatomy Laboratory

Whole body and prosected human cadaver specimens  
Six full body wall units for cadaver storage  
Anatomical Models  
ADAM Computerized Software

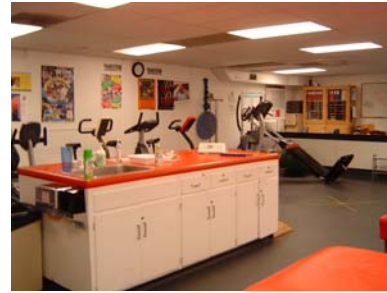


### Fresno State Sports Medicine (Two Separate Athletic Training Facilities)

#### North Gymnasium Facility



Teaching Laboratory: (Smart Classroom with docking station, overhead camera, DVD, and Internet)

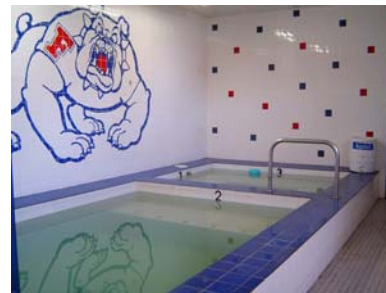


Evaluation/Rehabilitation Area

#### Duncan Facility



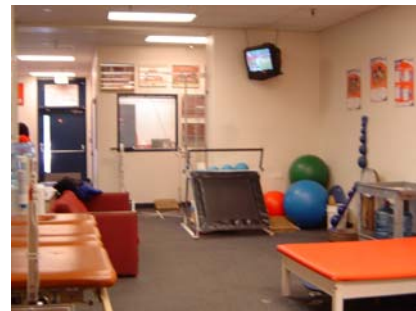
Examination/Treatment Area



Aquatic Rehabilitation Area



Cardiovascular Conditioning Area



Therapeutic Exercise and Manual Treatment Area

## Sports Medicine Equipment

Algometers  
EMG Biofeedback Units  
Multimodality Electric Stimulators  
Ultrasound  
Light therapy  
Portable TENS  
Low V DC Galvanic Stimulation (Iontophoresis)  
Intermittent Compression  
Hydrocollators  
Traction/Mobilization  
Aquatic Therapy  
Thermotherapy, Hydrotherapy, Cryotherapy  
Paraffin Wax  
Cardiovascular Conditioning Area  
Therapeutic Exercise Equipment  
Strength & Conditioning Center



## Human Performance Laboratory

Air Displacement Plethysmography (Bod Pod)  
Aneroid Sphygmomanometers (Exercising Blood Pressure)  
Bioelectric Impedance Analysis  
Blood Lactate Analyzer (YSI)  
Cycle Ergometers (Exercise Testing)  
Digital Macro Scale  
Digital Metronome (Exercise Testing)  
Digital Micro Scale  
2-D Digital Video Analysis Capacity  
Electrocardiography (Health Screening and Exercise Testing)  
Electromyography (Muscular Activity)  
Force Algometer (Viscoelastic Properties, Muscle Soreness Ratings)  
Hydrostatic Densitometry (Wilmore's O<sub>2</sub> Dilution Method for Residual Volume)  
In-Sole Pressure Analysis (TekScan)  
Isokinetic Dynamometer (Force-Velocity Testing, Eccentric Exercise)  
Metabolic Carts (Resting Metabolism, Pulmonary Testing, O<sub>2</sub> Kinetics, VO<sub>2max</sub>)  
Skinfold Calipers  
Treadmill  
Wingate Ergometer Test Equipment



## Sport and Exercise Psychology Laboratory

The Sport & Exercise Psychology Lab is located in room North Gym 111. This lab was opened in 2005 and provides space for all sport and exercise psychology projects undertaken at California State University, Fresno. The lab provides meeting space for groups, consulting sessions with athletes, and computer workstations for graduate and undergraduate students.

## Research Support

The Central California Center for Health and Human Services (CCCHHS) operates within the College of Health and Human Services. The Center was established in 1996 to serve as a catalyst to bring together the resources of the College (faculty, graduate and undergraduate students) and community professionals, agencies and organizations to improve the health and welfare of communities located within Central California.

In the past six years, CCCHHS programs have attracted over \$20 million in external funding. Programs within the Center have included the Central Valley Health Policy Institute, Central California Public Health Partnership, Public Health Training Academy, Central California Regional Obesity Prevention Project, the Allied Health Academies Project, the Child Welfare Training Academy, the Central California Children's Institute, the Central California Institute for Healthy Aging, the Disability Studies Institute, the California Nutrition Network, the Specialized Foster Parent Training Program and several Nursing Workforce Development and Advanced Nursing Program initiatives. The Center also provides support services and infrastructure for interdisciplinary and discipline-specific research and evaluation projects involving faculty of the College of Health and Human Services. Each of these Center programs provides opportunities for leveraging of institutional resources, increasing visibility and enhancing the capacity of the Center to engage the community and respond to regional needs.

Collaboration between our Athletic Training Education Program and the Department of Physical Therapy has led to the formation of the Central California Sports Medicine Institute. Our purposes in forming the Central California Sports Medicine Institute were to coordinate resources within the region to translate best practices to providers in the region, to initiate and maintain a regional data collection system of injuries and health risk behavior prevalence among athletes and others, and to conduct interdisciplinary research in a variety of sports medicine areas germane to regional needs. To cultivate scholarly opportunities for students at California State University, University, this Institute is reaching out to private donors, state agencies, private organizations for assistance along with generating its own funds through external contracts and continuing education fees.