

**MOVING TOWARDS A PHYSICAL THERAPY CAREER:
STEPS TO SUCCESS IN GAINING
ADMISSION TO A DPT PROGRAM**



SACRAMENTO
STATE

Bryan Coleman Salgado, PT, DPT, MS, CWS
Chair of Admissions, Associate Professor
Department of Physical Therapy

www.csus.edu/HHS/PT

Professional Doctorate in Physical Therapy

- Entry-level PT degree has changed as the profession has matured:
- Bachelor's Degree (BS) prior to 1999
- Master's Degree (MPT or MSPT) required 1999-2015
- DPT required for all entry-level programs 2015 on
- All 258 PT programs offer the DPT

Physical Therapist Centralized Application Service (PTCAS) NATIONAL DATA



SACRAMENTO
STATE



SAN DIEGO STATE
UNIVERSITY



2016-17 PTCAS Data Who gets in?

- 19,017 applicants: 12.6 applicants per available seat
 - <50% accepted to any program
- Of 214 programs; Mean (ave.) of 559 applicants per program (120,215 applications total)
- Mean number of programs applied to per applicant: 6.3 (*vs. 4.0 in 2008*)



2016-17 PTCAS Data Who gets in?

- 2017: 19,017 applicants:
 - Accepted: 61.1% female, 38.7% male
- Gender Gap:
 - Acceptance rate for females: 52.0%
 - Acceptance rate for males: 47.4%
- CSUS first five Doctoral Classes: 57% female, 43% male
- California has highest % of applicants (10.8%) of any state



2015-16 PTCAS Data

- Average cumulative GPA:
 - All Applicants National: **3.40** CSUS Applicants: **3.75**
 - All Accepted National: **3.59** CSUS Accepted: **3.88**
- Average GRE percentile scores:
 - VERBAL: All applicants 48% Accepted 55%
 - QUANT: All applicants 44% Accepted 51%
 - ANALYT: All applicants 50% Accepted 56%



2016 PTCAS Data

CALIFORNIA MAJOR “FEEDER” SCHOOLS: success rates

- | | | | |
|--------------------|-----|------------------|-----|
| • UCLA | 73% | • SF State | 46% |
| • Cal Poly | 65% | • UC Irvine | 45% |
| • UC Berkeley | 57% | • UC San Diego | 45% |
| • San Diego State | 53% | • CSU Long Beach | 44% |
| • UC Santa Barbara | 52% | • Sonoma State | 42% |
| • CSU Northridge | 47% | • CSU Chico: | 40% |
| • UC Davis | 47% | • CSU Fresno: | 38% |
| • CSU Sacramento | 46% | • CSU East Bay | 29% |



PTCAS Data

8 MOST often identified majors of Bachelor's Degree:

- Exercise Science
- Kinesiology
- Biology
- Health Science
- Psychology
- Pre-physical therapy
- Athletic training
- Exercise physiology

Sac State DPT Program

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Department of Physical Therapy

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Prospective Students

- Admissions Requirements
- How to Apply
- Prerequisite Courses
- Approved Prerequisite Course List
- Supplemental Prerequisite Worksheet
- Advising
- Frequently Asked Questions - FAQs

Physical Therapy (DPT) is a three-year program dedicated to graduating professional, evidence-based physical therapists who have the knowledge and skills to provide patient care in any practice environment. The program's curriculum is designed to provide a foundation in the science and art of physical therapy, one that engages students in clinical reasoning through problem-solving within the context of patient cases, both actual and simulated. In addition, students complete 36 weeks of full-time internships at three locations to learn by doing in their respective practice settings.

The Sacramento State DPT program is one of the few to use a state-of-the-art simulation lab to educate physical therapy students, along with nursing students, in caring for and responding to emergencies with patients in an acute-care environment. Finally, Sacramento State is the first California State University campus to receive the requisite authorization to offer an independent DPT program.

Physical Therapy

The Department of Physical Therapy at Sacramento State was established in 1995 to prepare health care practitioners to serve the community and region. Since its inception, the Physical Therapy Department has been dedicated to the success and

Student Outcomes

	Class of 2015	Class of 2016
1st Time Licensure Pass Rate	96.8%	100%
Ultimate Licensure Pass Rate	100%	100%
Graduation Rate	96.9%	90.6%
Employment Rate	100%	100%

National Licensure Examination Results 2015
97% Pass on First Sitting

National Licensure Examination Results, Class of 2016

Physical Therapy Program



- * Fully accredited since 1997 by the Commission on Accreditation in Physical Therapy Education (CAPTE)
- * Re-accredited in 2015 through 2025
- * First Two Doctoral Classes: NPTE pass on first attempt: 98%; 100% by second attempt

PT Facilities at CSUS

- * Folsom Hall – interior construction completed 2013.
- * Shared lecture halls with Nursing program.
- * Biomechanics Research Lab, PT research lab, Neuromuscular lab/classroom, Procedures lab/classroom, Orthopedics lab/classroom.
- * Cadaver lab on campus.



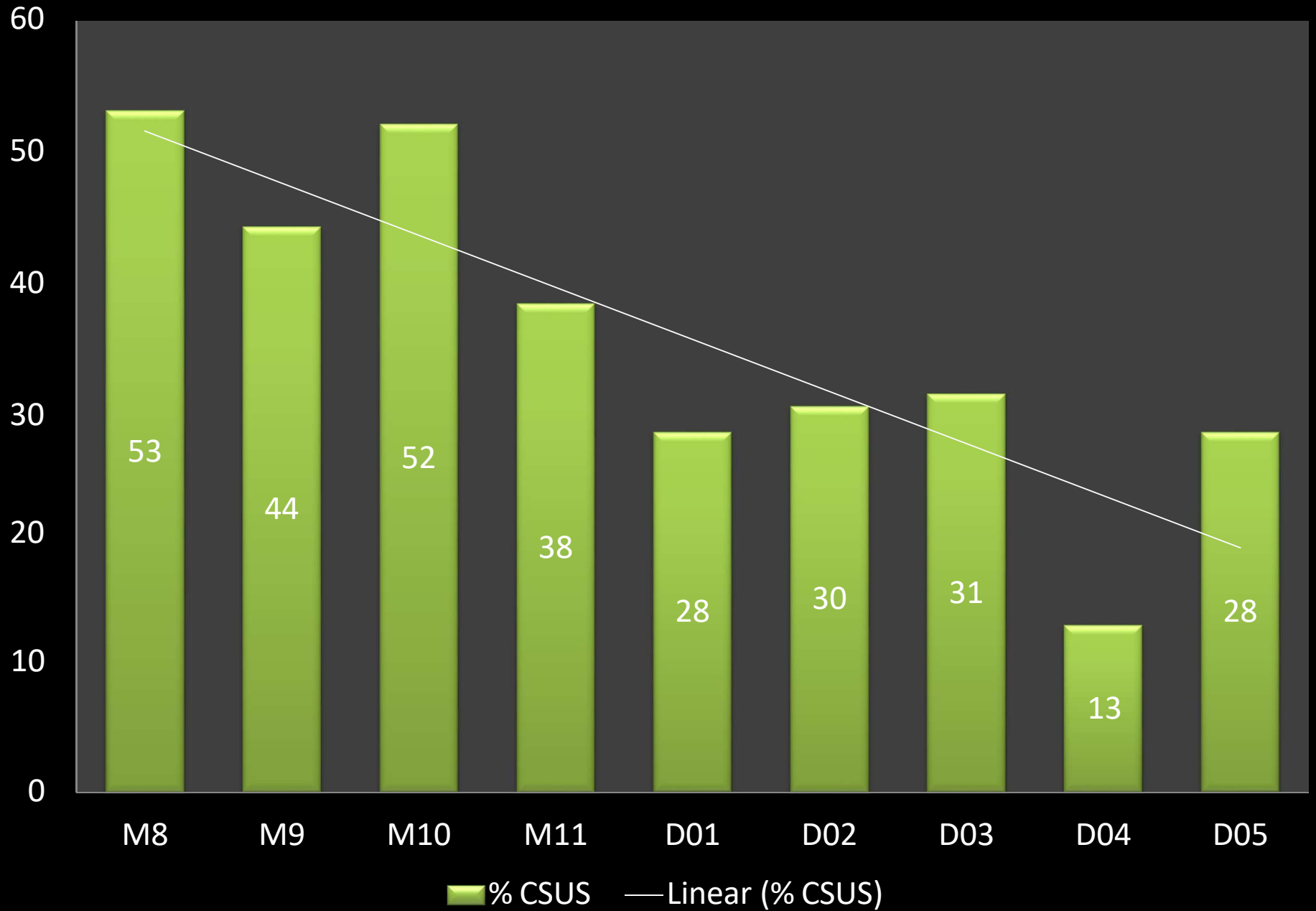


2012-2018 Enrolled in CSUS DPT

Class of	2015	2016	2017	2018	2019	2020	2021
# Admitted	32	32	32	32	32	32	32
From California	100	91	88	75	84	91	97
Average Age at Application	28	27	25	25	26	24	24
% Female	62	58	69	60	53	41	59
Average Prerequisite GPA	3.64 (3.18-4.00)	3.72 (3.40-4.00)	3.78 (3.56-4.00)	3.78 (3.53-4.00)	3.82 (3.57-4.00)	3.76 (3.36-4.00)	3.81 (3.57-4.00)
% from CSUS (#)	28% (9)	30% (10)	31% (10)	13% (4)	28% (9)	25% (8)	11% (4)

First Five Doctoral classes: Claiming ESL: 24%, Second Language Fluent: 29%

% of Admitted from Sacramento State



Admissions at CSUS





Applying to Sacramento State 2018 DPT program

- INITIAL APPLICATIONS REQUIRED
 - DUE October 1, 2018
 1. PTCAS (www.ptcas.org)
 2. DPT Supplemental Prerequisite Worksheet on our webpage, save as pdf and upload into PTCAS
- Based on the above applications, you *may* be invited to submit a second application by January 2019



Applying to Sacramento State 2018 DPT program

(cont'd)

- No more than 4 outstanding prerequisite courses at time of application; Completion of 9 of the 11 prereqs by 12/31/18
- Minimum GPA of 3.00 in the PREREQUISITE courses
- 3 Professional References (2 PTs, 1 Academician)
- 100 hours PT exposure *in 2 settings* under licensed PT
- Minimum GRE Analytic Score of 3.5; Quantitative $\geq 29^{\text{th}}$ percentile (raw: 148)

Sacramento State Selection Procedures

- All application materials are reviewed by the Admissions Coordinator to assess for meeting minimum requirements and to rank applicants for interviews.
- Points are assigned to rank applicants (see next slide for ranking factors).
- The top 100 ranked applicants are invited for a personal interview.
- The top thirty-two (32) applicants, along with alternates are notified of their status within two weeks of the final interviews (usually in February).

Sacramento State Admissions Ranking Factors

- **Strength of Academic Record (Prerequisite GPA)**
- **Professional References**
- **Background Characteristics**
 - **Second language proficiency/fluency**
 - **Economic, Environmental, Educational Disadvantage**
- **Advanced Courses**
- **Interview**

CSUS DPT PREREQUISITE COURSES REQUIRED

1.	Human Anatomy w/ Lab (4) Level: General or College or higher	5.	Statistics (3) Level: Introductory or higher
2.	Human Physiology w/ Lab (4) Level: General or College or higher	6. & 7.	Chemistry I & II with Lab (10) Level: General or College or higher
	or 1. & 2. Human Anatomy & Physiology I & II w/ Labs (8)	8. & 9.	Physics I & II with Lab (8) Level: General or College or higher
3.	Psychology (3) Level: Introductory or higher	10.	Kinesiology (3) (preferably w/Lab) Level: Upper Division (4-yr. college)
4.	Additional Psychology (3) Level: General or College or higher	11.	Exercise Physiology (3) (preferably w/Lab) Level: Upper Division (4-yr. college)

PT EXPOSURE hours

- 100 hours minimum TOTAL
- Two settings required: one in inpatient, one in outpatient
 - INPATIENT acute
 - INPATIENT Rehab/subacute care
 - INPATIENT ECF/SNF

 - OUTPATIENT clinic
 - OUTPATIENT school/pre-school
 - OUTPATIENT wellness/prevention/fitness
 - OUTPATIENT industrial/occupational health
- MUST have a minimum of 25 hours in both inpatient and outpatient setting

Professional References

Two licensed PTs and one college level professor rate you as: Excellent, Good, Average, Below Ave, Poor, N/O

- Commitment to Learning
- Interpersonal skills
- Communication skills
- Effective use of time
- Use of constructive feedback
- Ethical and professional behavior
- Responsibility
- Critical thinking
- Stress management
- Problem solving
- Leadership

CSUS DPT Optional Advanced Coursework (up to 4)

1.	Advanced Human Anatomy	5.	Microbiology
2.	Neuroanatomy	6.	Motor Learning
3.	Neurophysiology	7.	Therapeutic Exercise
4.	Advanced Exercise Physiology or Cardiac	8.	Advanced Biomechanics

Only UPPER DIVISION courses will be considered for the Advanced Coursework.

2017 DPT Graduating Class



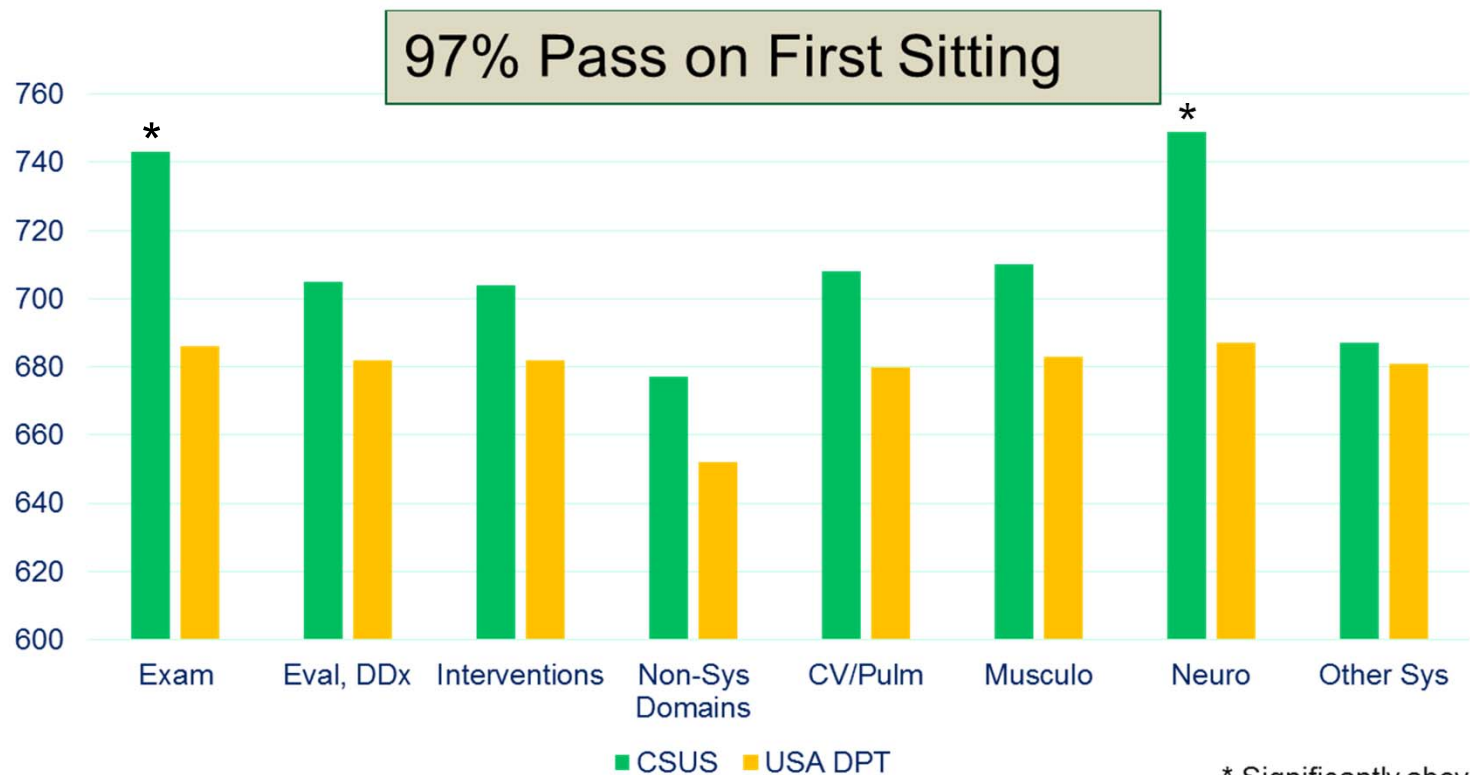
What happens to Sac State PT grads?

National Licensure Examination Results 2015

Graduation Rate 96.9%

Licensure Pass Rate 100%

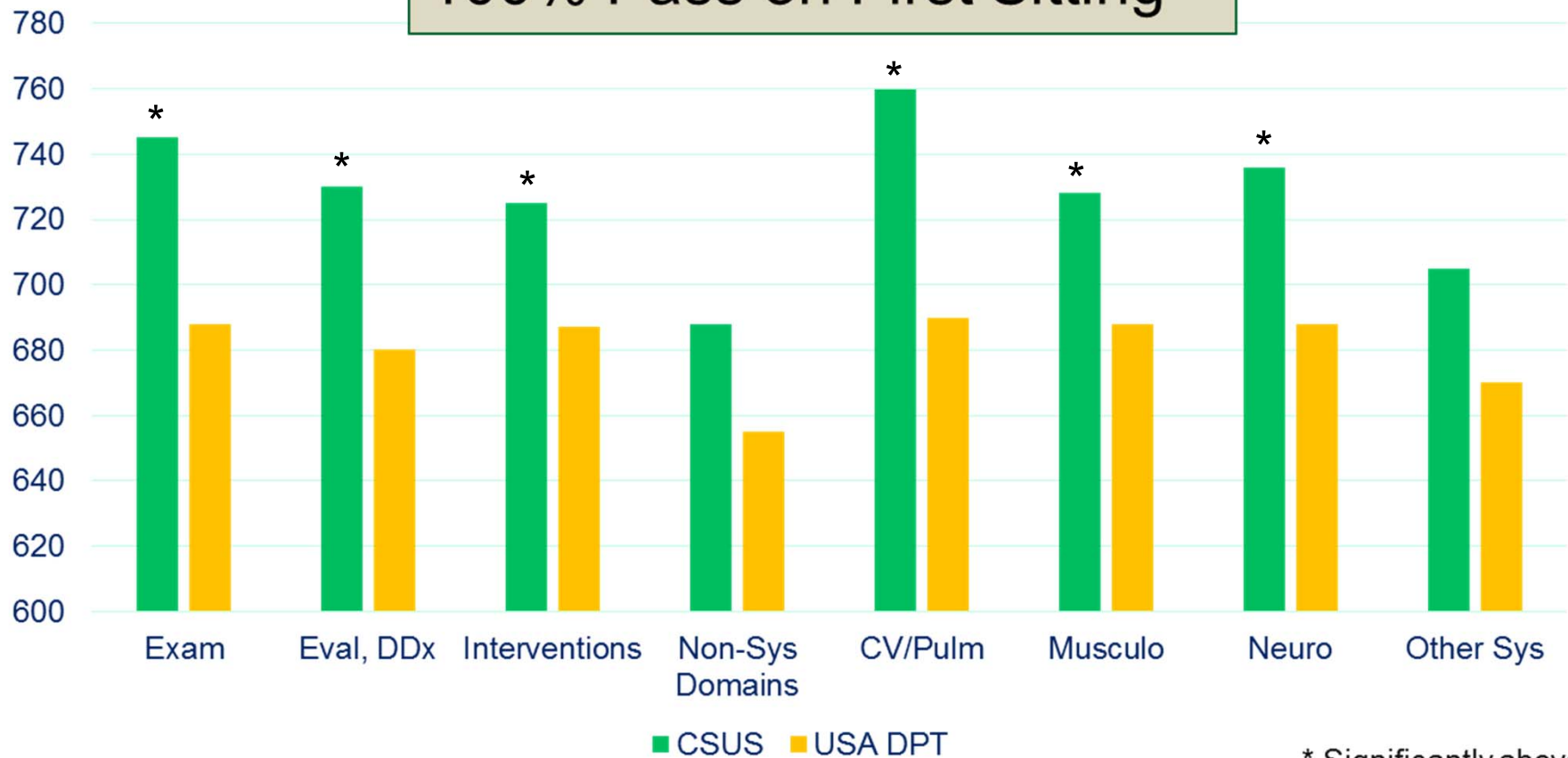
Employment Rate 100%



National Licensure Examination Results 2016

Graduation Rate 96.9%
 Licensure Pass Rate 100%
 Employment Rate 100%

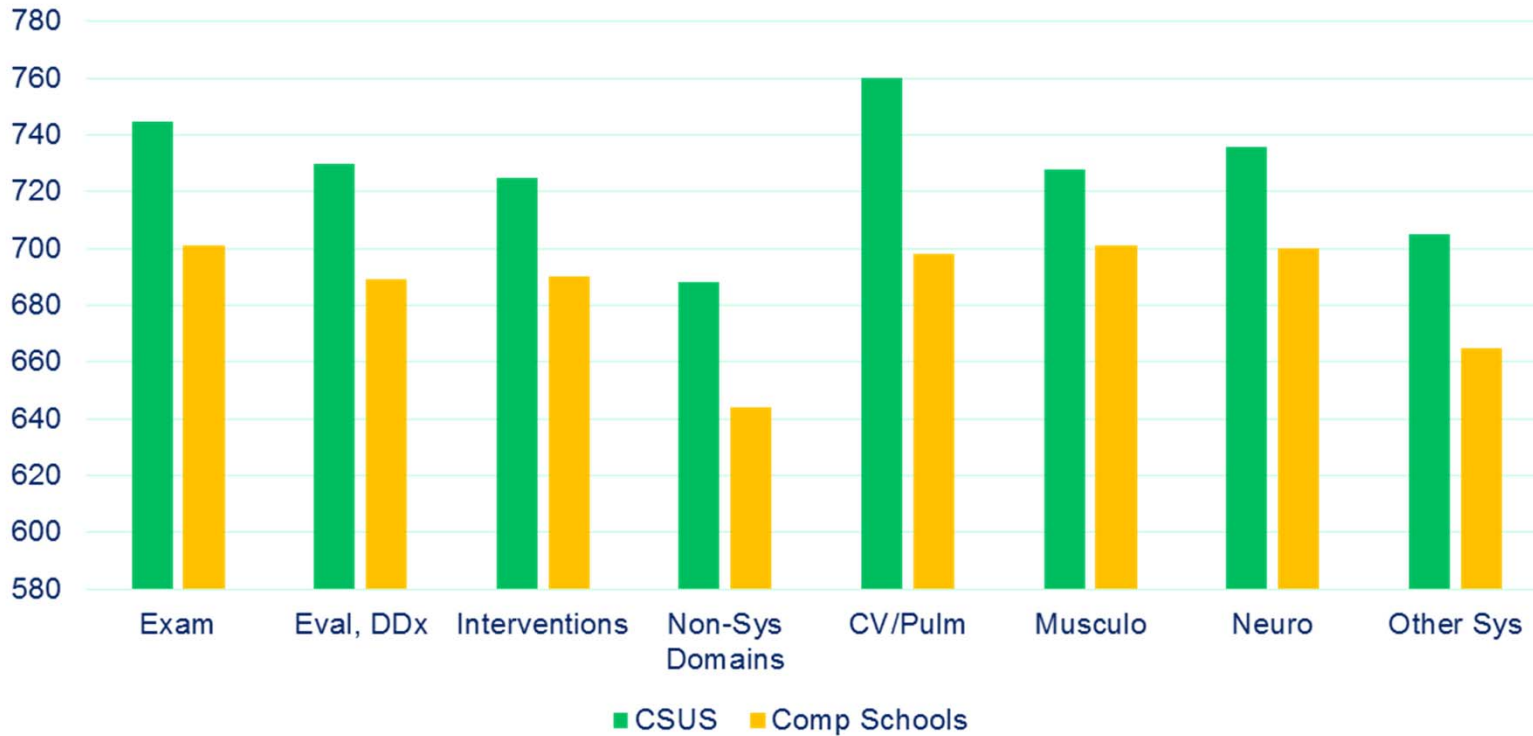
100% Pass on First Sitting



* Significantly above

National Licensure Examination Results 2016

Sacramento State vs Comparison Schools



- Comparison Schools
- CSU Fresno
 - CSU Long Beach
 - CSU Northridge
 - SF State
 - San Diego State
 - Columbia
 - NYU
 - Delaware
 - USC
 - Wash U of St Louis

DPT Curriculum

- * 3 years total – 9 semesters
- * Order: 5 academic semesters, 1 summer clinical experience (12 weeks), 1 academic semester, 2 semesters of clinical internships (12 + 12 weeks).
- * Integrated clinical experiences (ICE) start in second academic semester

Department of Physical Therapy Curriculum for Entry-level DPT Program



Fall - Year 1

Course #	Title	Units
BIO 633	Human Gross Anatomy for Physical Therapists	3
PT 600	Pathokinesiology	5
PT 602	Evidence Informed Practice I	3
PT 608	PT/Patient/Professional Interactions GWI	2
PT 630	Pathophysiology	3
		16

Spring - Year 1

Course #	Title	Units
PT 604	Principles of Human Movement	2
PT 606	Therapeutic Measurements & Techniques	4
PT 614	Neuroscience for PTs	3
PT 618	Foundations for Patient Management	1
PT 620	PT Interventions I	3
PT 622	Evidence Informed Practice II	3
		16

Summer - Year 1

Course #	Title	Units
PT 632	Pharmacology	2
PT 634	Diagnostic Imaging for PT	2
PT 636	Geriatrics/Gerontology for PT	2
PT 638	Health, Wellness, & Ergonomics	2
		8



Fall - Year 2

Course #	Title	Units
PT 624	Adult Neuromuscular Pt Management I	4
PT 625	Musculoskeletal Pt Management I	4
PT 626	Clinical Agents	3
PT 640	PT Interventions II	3
PT 646	Acute Care and Cardiopulmonary PT	2
PT 660A*	Graduate Seminar I Research Elective	1
		16-17

Spring - Year 2

Course #	Title	Units
PT 627	Physical Therapy Educator	1
PT 644	Adult Neuromuscular Pt Management II	4
PT 645	Musculoskeletal Pt Management II	4
PT 648	Health Care Delivery in PT I	2
PT 660B*	Graduate Seminar I Research Elective	1
PT 660D*	Graduate Seminar I Electrotherapeutics Lab	2
PT 660G*	Graduate Seminar I CSCS	2
PT 660K*	Graduate Seminar I Adv Biomechanics II	2
PT 662	Differential Diagnosis in PT	3
PT 669	Psychosocial Issues in PT	1
PT 689	Doctoral Project Proposal	1
		16-23

Summer - Year 2

Course #	Title	Units
PT 695A	Clinical Practicum/Internship I (12 wks)	6
		6



Fall - Year 3

Course #	Title	Units
PT 660C*	Graduate PT Seminar I Research Elective	1
PT 660E*	Research Seminar I NeuroPediatric Mgmt Lab	2
PT 660F*	Graduate PT Seminar I Adult Neuro Mgmt Lab	2
PT 660H*	Graduate PT Seminar I Cardio Wellness Clinic	1
PT 696J*	Graduate Seminar I Adv Biomechanics I	2
PT 663	Integumentary Patient Management	2
PT 664	NeuroPediatric Pt Management	2
PT 665	Musculoskeletal Pt Management III	3
PT 668	Health Care Delivery in PT II	2
PT 690	Doctoral Project/culminating experience	3
		12-20

Spring - Year 3

Course #	Title	Units
PT 695B	Clinical Practicum II/Internship (12 wks)	6
		6

Summer - Year 3

Course #	Title	Units
PT 680	Graduate PT Seminar II	1
PT 695C	Clinical Practicum III/Internship (12 wks)	6
		7

Elective courses are designated with an *

Students are required to take a minimum of 2 elective units to graduate.

Total units for 3 year program **105-119**

Two Types of Courses

- * Didactic

- Lecture
- Lecture and lab

- * Clinical

- 3 full-time, 12 week clinical rotations
- CSUS requires one rotation in each setting:
 - **Inpatient Acute**
 - **Rehabilitation (inpatient or outpatient)**
 - **Outpatient**

Intracurricular Clinical Experiences:

Pro-Bono clinics

Students (singularly or in pairs) are responsible for managing a patient (examination, evaluation, intervention).

- Orthopedics
- Adult Neuro
- Pediatric Neuro
- Amputee

Simulation experiences



Achieving a DPT

- * Passing all Classes and Clinical Internships
- * Culminating Project: Comprehensive Case Analysis
- * Take the NPTE national exam; passing leads to licensure
- * Eligibility to apply for licensure in any state

CSUS DPT Tuition & Fees

- * Per semester: \approx \$8,598 tuition, \$784 mandatory campus fees
- * Per Year: \approx \$28,146 (3 semester/year)
- * Total Cost: \approx \$84,438, (9 semesters) not including books, housing, personal, transportation
- * Non-residents of California pay additional \approx \$396/unit (first year 40 units, total program units 105-114)
- * All fees subject to change upon ruling of the CSU Board of Trustees
- * All CSUS DPT students receive professional development funds each year

Total Costs *per Year*

	Fall/Spring Semester	Summer Semester	Totals
Direct Costs - Fees	\$18,764	\$9,382	\$28,146
Indirect Costs – Books, housing, personal & transportation	\$15,542	\$8,018	\$23,560
TOTAL	\$34,306	\$17,400	\$51,706

DPT Costs in California 2015 data

University	Type	Tuition Cost (\$)
USC	Private	157,888
University of the Pacific	Private	137,136
Chapman University	Private	132,544
Samuel Merritt University	Private	124,780
Western University of Health Sciences	Private	114,060
Azusa Pacific University	Private	102,384
University of St. Augustine	Private	100,583
UCSF/SFSU DPT program	Public	99,731*
Mount Saint Mary's College	Private	97,920
Loma Linda University	Private	92,008
CSU Long Beach, CSU Northridge, CSU Sacramento	Public	82,134 - 84,438*
CSU Fresno, CSU San Diego	Public	72,172 - 75,656*
		* = Calif resident

US Bureau of Labor Statistics

Quick Facts: Physical Therapists

<u>2015 National Median Pay</u>	\$84,020 per year [\$40.40 per hour]
<u>Entry-Level Education</u>	Doctoral degree
<u>Number of Jobs, 2014</u>	210,900
<u>Job Outlook, 2014-24</u>	34% increase (Much faster than average)
<u>Employment Change, 2014-24</u>	71,800

Rank of California among all states for employment and employment projections: 1

US PT Projected Supply & Demand

Attrition Rate of 2.5%

Physical Therapist Supply and Demand
(All numbers in thousands)



PT Electives at CSUS

- * Certified Strength and Conditioning Specialist (CSCS) prep course
- * Research (join a faculty research project)
- * Adult Neurologic Pro Bono Clinic
- * Neuropediatrics
- * Cardiovascular clinic
- * Electromodalities

Jerri McAtee

Student Support Coordinator



- * Admissions Coordinator
- * Process and track all applications
- * Clinical Education Faculty & Student support

Heather Crummett

Administrative Support Coordinator



- * Department Office Manager
- * Processing of all budget
- * Program Director Support

Teri Lyn Fretz

Administrative Support Coordinator

- * Front office reception
- * Contact general admissions questions
- * Schedules individual advising appointments 916-278-6426
- * Student & Faculty Travel



Faculty



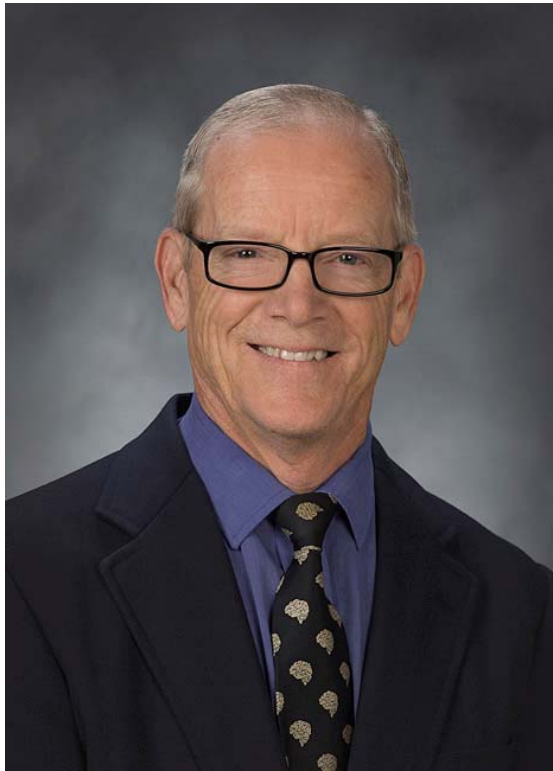
Cumulative experience: Degrees: 40, Years of teaching: 192 Years of clinical experience: 190, Clinical certifications: 9, Fellowship/Residency: 9

PT Program Faculty (Full time)

1. Edward Barakatt, PT, PhD
2. Lois Boulgarides, PT, DPT
3. Bryan Coleman Salgado, PT, DPT, CWS
4. Rafael Escamilla, PT, PhD, CSCS
5. Bill Garcia, PT, DPT, FAAOMPT
6. Rolando Lazaro, PT, PhD, DPT, GCS
7. Toran MacLeod, PT, PhD
8. Katrin Mattern-Baxter, PT, DPT, PCS
9. D. Michael McKeough, PT, EdD
10. Brian Moore, PT, DPT, NCS
11. Brad Stockert, PT, PhD

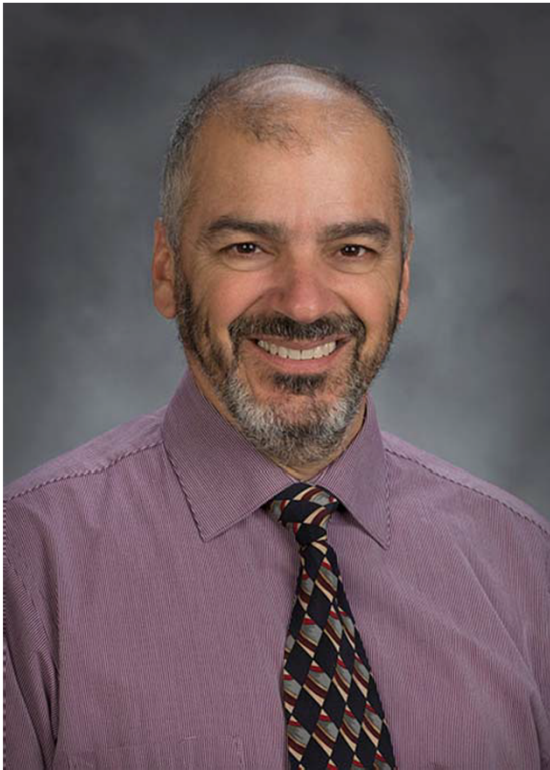
Michael McKeough, PT, EdD

Program Director



- * Professor
- * Teaches neuroscience and adult neurological rehab
- * Researches motor control and educational technology
- * Member of Technology Committee of PT Now
- * 30+ years as an academic / clinician

Ed Barakatt, PT, PhD



- * Professor
- * PhD - UC Davis in Epidemiology
- * MA - University of Iowa in Physical Therapy
- * Entry Level PT Degree from CSU Northridge
- * Area of Study: Clinical Outcomes of Patients with Low Back Pain

Lois Boulgarides, PT, DPT, MS



- * Lecturer
- * Teaches: Musculoskeletal evaluation and treatment and Evidence-based PT practice
- * Research areas: Fall prediction, fall risk reduction for older adults, evidence-based PT in orthopedics

Bryan Coleman Salgado, PT, DPT, MS, CWS



- * Director of Clinical Education
- * Board Certified Wound Specialist
- * Researches Yoga Therapy, Stroke Rehab, PT Education
- * Teaches Clinical Courses, Foundations of Pt. Management, Wound Mgmt
- * Chair of Admissions Committee
- * Trainer, Clinical Instructor Certificate Program

Rafael Escamilla, PT, PhD, CSCS, FACSM

- * Professor
- * Specializes in human performance, sports medicine, therapeutic exercise, and strength & conditioning
- * Fellow for the American College of Sports Medicine
- * Certified Strength & Conditioning Specialist



Rolando Lazaro, PT, PhD, DPT, GCS



- * Associate Professor
- * PhD: Touro University
- * DPT: Creighton University
- * PT degree: University of the Philippines
- * Board Certified Clinical Specialist in Geriatric PT
- * Teaches Clinical Agents and Geriatrics/Gerontology for PT

Bill Garcia, PT, DPT, OCS, FAAOMPT



- * Assistant Professor
- * Board Certified Orthopedic Specialist
- * Fellow of the American Academy of Orthopedic Manual Physical Therapy
- * Teaches: Orthopedic clinical courses

Toran MacLeod, PT, PhD



- * Assistant Professor
- * PhD: University of Delaware
- * PT degree: Sacramento State
- * Co-Director Biomechanics Laboratory
- * Research: Effects of strength, flexibility, and neuromuscular control on lower extremity function
- * Teaches: Research, Pathomechanics, Amputee Rehabilitation

Katrin Mattern-Baxter, PT, DPT, PCS

- * Associate Professor
- * Board Certified Pediatric Specialist
- * Teaches neurology and pediatrics
- * Research: Treadmill training in pediatrics and neurology
- * Chair of Curriculum Committee



Brian Moore, PT, DPT, NCS



- * Assistant Professor
- * Board Certified Neurologic Specialist
- * Completed USC Clinical Residency in Neurology
- * Certified Clinical Instructor
- * Teaches: Neuroscience and neurologic clinical courses

Brad Stockert, PT, PhD

- * Professor
- * PhD: University of California, Davis
- * PT Degree: Stanford University
- * Teaching: acute care & pathology
- * Research: education, acute care simulations
- * Committee for the Protection of Human Subjects: Vice-chair



We are located in Folsom Hall



Musculoskeletal Teaching Lab



Procedures Teaching Lab



Biomechanics Lab



Neuro Teaching Lab



Research Lab



Hi-Fi Simulation Lab



Thank you for visiting!



Folsom Hall

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