California State University, Northridge

Physical Therapy Program

Fully accredited since 1969 by the Commission on Accreditation in Physical Therapy Education (CAPTE)

Reaccredited June 2015
Who are Physical Therapists?

Physical therapists (PTs) are highly-educated, licensed health care professionals who can help patients reduce pain and improve or restore mobility - in many cases without expensive surgery and often reducing the need for long-term use of prescription medications and their side effects.
Where do Physical Therapists Practice?

- Private Outpatient (OP) Office/Clinic (31.8%)
- Hospital Based OP Clinic (19.1%)
- Acute Care Hospitals (11.8%)
- Academic Institutions (10.1%)
- Home Health Care (7.4%)

APTA Survey 2005
Physical therapists provide services to patients/clients with...

- Neurological Disorders
- Orthopedic Conditions
- Sports Injuries
- Cardiopulmonary Disorders
- Congenital Disorders
Employment Opportunities for PT’s

- Projected as the one of the most in demand jobs in CA through 2020
- Over 204,000 Licensed PTs in the US
- 0.2% Unemployment Rate

- Median Salary in US is $85,000
  - Depends on setting/position
  - Years of experience
  - Geographic location
  - California: median salary 75K

APTA Board Certified Clinical Specialist areas include:

- Pediatrics (PCS)
- Geriatrics (GCS)
- Neurologic (NCS)
- Orthopedics (OCS)
- Cardiopulmonary (CCS)
- Sports (SCS)
- Electrophysiology (ECS)
PT Program Faculty (Full Time)

Department Chair:
  Janna Beling PT, PhD

Graduate Coordinator:
  Peggy Roller PT, MS, DPT

Director of Clinical Education:
  Sheryl Low PT, DPT, DSc, MPH, PCS
  Jan Adams  PT, MS, DPT
  Vicky Graham  PT, DPT, OCS, NCS
  Aimie Kachingwe PT, DPT, EdD, OCS, FAAOMPT
  Witaya (Dan) Mathiyakom PT, PhD
  Beth Phillips PT, DPA
Jan Adams  PT, MS, DPT

- Licensed Kinesiological Electromyographer
- Specializes in biomechanics, gait analysis, orthotics & evidence based practice issues
Janna Beling  PT, PhD

- PT Department Chair
- Specializes in cardiopulmonary Physical Therapy & Physiology
- Licensed in Bone Densitometry
- Supervises International PT student elective course
Vicky Graham  PT, DPT, OCS, NCS

- Specializes in gait and orthotics prescription
- APTA Board Certified as an orthopedic clinical specialist
- APTA Board Certified as a neurologic clinical specialist
Aimie Kachingwe  PT, DPT, EdD, OCS, FAAOMPT

- APTA Board Certified Specialist in Orthopedic Physical Therapy
- Fellow of the Academy of Orthopedic Manual Physical Therapists
Sheryl Low  PT, DPT, DSc, MPH, PCS

- Director of Clinical Education (DCE)
- APTA Board Certified Specialist in pediatric physical therapy
Witaya (Dan) Mathiyakom  PT, PhD

- Specializes in human performance, movement science, and therapeutic modalities
- Specializes in orthopedic physical therapy
Beth Phillips  PT, MPT, DPA

- Anatomist
- Teaches Administration, Business, and Professionalism in PT
Peggy Roller  PT, MS, DPT

- Specializes in neurologic physical therapy, balance and vestibular rehabilitation
- Editor and chapter author for the textbook *Neurological Rehabilitation*
- PT Department Graduate Coordinator
- Supervises International PT Experience
- Clinical Instructor for NeuroCom International
- Advisor of Natus Medical, Inc.
Class 1
First PT Graduating Class
PT Facilities at CSUN

Jacaranda Hall (JD)

- 3 General Purpose PT Labs
- Anatomy Lab with dissection (4 students/cadaver)
- Physiology Lab
- Human Performance Laboratory
- Balance & Vestibular Lab (Monterey Hall)
Physical Therapy Labs

- JD 1573 Anatomy Lab
- JD 1576 Applied Physiology Lab
- JD 1578 Movement Analysis / Gait Lab
- JD 1580 Multipurpose Lab
- JD 1625 Neuro Lab
- JD 1621 Ortho Lab
- MH 107 Vestibular Lab
Anatomy Lab

Human Cadavers
  - New cadavers each year for dissection.

Skeletons & Bones
Movement Analysis / Gait Lab

One of the few fully equipped Movement Analysis labs in California. In addition to research clinical decisions can be made by orthopedic surgeons based on results derived in this lab.

- Orthotics & Prosthetics
- 7-camera, 3-D Motion Analysis System
- Force Plates
- Kinesiology EMG System
- High-Speed Computers
CSUN’s Physical Therapy Program
DPT Program Started Fall 2015

Requires full time enrollment
- 6 academic semesters + Internships (3.5 years)
- Summer Internships: 1\textsuperscript{st} Summer 6 weeks, 2\textsuperscript{nd} + 3\textsuperscript{rd} summer 12 weeks.
- DPT Curriculum

Requires a BS/BA in any field of study before starting the DPT program.

Suggested degree programs include:
- Kinesiology (Exercise Science, Adaptive PE)
- Environmental & Occupational Health
- Health Sciences (Health Education)
- Biology, Psychology
Entry level PT degree has changed as the profession has changed.

Bachelor’s degree (BS) before 1999

MPT was required from 1999 – 2014

DPT now required by all entry-level PT programs to be accredited

During the last eight years most schools nationwide have converted to DPT
DPT Curriculum

- 3 years of academic coursework
  - Anatomy, Biomechanics, Physiology, Orthopedics, Neurology, Pediatrics, Geriatrics, Gait Analysis, Prosthetics & Orthotics, Evidence Based Medicine, Cardiopulmonary, Business & Ethics, & Electives

- 3 Internships. 6 weeks then 12 weeks each.
Culminating Events for the DPT & Licensure

- Position Paper evaluating evidence-based physical therapy interventions *or* a faculty directed Research Project
- Comprehensive Examination
- Must pass all three clinical internships to be eligible to take the state licensure exam
Elective Course Options:

- International Physical Therapy
- Movement Impairment
- Pilates in Physical Therapy
- Advanced Therapeutic Exercise
- Advanced Neuroscience
- Independent Study with selected faculty for research opportunities
Physical Therapy iPad Initiative or myCSUNtablet

The iPad initiative is a method in which the classes are being taught by a professor using the iPad (Min. 34 GB) for:

- Taking notes
- eBooks
- eLabs
- Articles
- Peer review journals
- Accessing the internet/Apps
- Organization!
CSUN Graduates are Top Performers on the National Physical Therapist Licensure Exam

<table>
<thead>
<tr>
<th>Students</th>
<th>Average First-time Pass Rate on National Licensing Exam</th>
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</thead>
<tbody>
<tr>
<td>CSUN Students over the past 10 years</td>
<td>96%</td>
</tr>
<tr>
<td>National Average for all PT Programs</td>
<td>89%</td>
</tr>
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</table>
International Trips

Elective Course: PT International

Visited:
- Vietnam
- Guatemala
## Cost Comparison of DPT Programs in California

<table>
<thead>
<tr>
<th>DPT Programs in California</th>
<th>Type</th>
<th>Cost</th>
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<tbody>
<tr>
<td>USC</td>
<td>private</td>
<td>156,955</td>
</tr>
<tr>
<td>University of the Pacific</td>
<td>private</td>
<td>124,040</td>
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<tr>
<td>West Coast University</td>
<td>private</td>
<td>108,891</td>
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<tr>
<td>Western University of Health Sci</td>
<td>private</td>
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<tr>
<td>Chapman University</td>
<td>private</td>
<td>100,224</td>
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<tr>
<td>Mount Saint Mary’s College</td>
<td>private</td>
<td>91,440</td>
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<tr>
<td>Azusa Pacific University</td>
<td>private</td>
<td>90,000</td>
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<tr>
<td>University of St. Augustine</td>
<td>private</td>
<td>89,285</td>
</tr>
<tr>
<td>Loma Linda University</td>
<td>private</td>
<td>87,008</td>
</tr>
<tr>
<td>UCSF/SFSU joint DPT</td>
<td>public</td>
<td>80,000</td>
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<tr>
<td>CSU Long Beach</td>
<td>public</td>
<td>77,300</td>
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<tr>
<td>CSU Fresno</td>
<td>public</td>
<td>77,300</td>
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<tr>
<td><strong>CSU Northridge</strong></td>
<td><strong>public</strong></td>
<td><strong>77,300</strong></td>
</tr>
<tr>
<td>CSU Sacramento</td>
<td>public</td>
<td>77,300</td>
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<tr>
<td>CSU San Diego (not yet accredited)</td>
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CSUN DPT Tuition (approximate)

<table>
<thead>
<tr>
<th>Graduate Students (full time status)</th>
<th>State Univ. Fees (per semester)</th>
<th>Campus Fees (per semester)</th>
<th>Total Fees (per semester)</th>
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<tbody>
<tr>
<td>Fall Year 1</td>
<td>$8,096</td>
<td>$524</td>
<td>$8,620</td>
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<tr>
<td>Spring Year 1</td>
<td>$8,096</td>
<td>$524</td>
<td>$8,620</td>
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<tr>
<td>Summer Year 1</td>
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<tr>
<td>Fall Year 2</td>
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<td>Fall Year 3</td>
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<tr>
<td>Summer Year 3</td>
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<td>$524</td>
<td>$8,620</td>
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<tr>
<td><strong>Total Tuition</strong></td>
<td><strong>$72,864</strong></td>
<td><strong>$4,716</strong></td>
<td><strong>$77,580</strong></td>
</tr>
</tbody>
</table>

Per semester: ~ $8,620
Per year: ~ $25,860 (3 semesters per year)
Total Cost: ~ $77,580 (3 years) Not including books, housing, food, etc.

*All CSU fees listed should be regarded as estimates that are subject to change upon approval by The Board of Trustees. All State University and Campus Fees are mandatory.*
Financial Aid & Scholarships

- Financial Aid and Scholarship Opportunities
  - Apply through FAFSA for loans/grants
- Some $1,000 scholarships
- Dee Lily
- DPT Grant up to $12,000/year if responsibility to pay is less than 60% per FAFSA

http://www.csun.edu/financialaid/financial-aid-basics
Internship with the LA Dodgers

One CSUN student is selected annually to intern at Dodgers Spring Training Camp

- Work with Stan Conte, PT, DPT, ATC, Director of Medical Services - LA Dodgers, and CSUN Alumni Class 12
- Five previous successful Dodger Interns

Campanella Foundation & Dodgers Dream Foundation grants up to ten $1000 scholarships to CSUN students annually
- 32 students are accepted into the DPT program each Fall semester. *(may vary each year)*
- CSUN only accepts new students in the Fall.
- Admission is very competitive. CSUN receives more applications than can be accepted.

<table>
<thead>
<tr>
<th>Year Cycle</th>
<th># Applicants CSUN</th>
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<tr>
<td>2015</td>
<td>736</td>
</tr>
<tr>
<td>2014</td>
<td>521*</td>
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<tr>
<td>2013</td>
<td>1,213</td>
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<td>2012</td>
<td>1,093</td>
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<td>2011</td>
<td>594</td>
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<tr>
<td>2010</td>
<td>468</td>
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<tr>
<td>2009</td>
<td>350</td>
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<tr>
<td>2008</td>
<td>210</td>
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<tr>
<td>2007</td>
<td>220</td>
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</table>

* 2014 Applicant number decreased due to change in deadline and Prerequisite completion requirement.
### Fall 2013 Class 58 Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>MONDAY</th>
<th>TUESDAY</th>
<th>WEDNESDAY</th>
<th>THURSDAY</th>
<th>FRIDAY</th>
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<tbody>
<tr>
<td>8:00 - 8:30</td>
<td>PT 700 Applied Human Anat I Labs A&amp;B Phillips JD 3502</td>
<td>PT 704 Applied Physio Labs A&amp;B Beling JD 1551</td>
<td>PT 760 Prof Pract I Labs A&amp;B MacNaughton JD 1580</td>
<td>PT 704 Applied Physio Labs A&amp;B Beling JD 1551</td>
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<tr>
<td>8:30 - 9:00</td>
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<tr>
<td>9:00 - 9:30</td>
<td>PT 700L Appl Human Anat I Lab Labs A&amp;B Phillips/ Robertson JD 1573</td>
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<td>9:30 - 10:00</td>
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<td>10:00 - 10:30</td>
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<td>10:30 - 11:00</td>
<td>PT 700L Applied Human Anat I Lab Labs A&amp;B Phillips/ Robertson JD 1573</td>
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<td>PT 700L Applied Human Anat I Labs A&amp;B Phillips/ Quinn JD 1573/1551</td>
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<td>11:00 - 11:30</td>
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<td>2:00 - 2:30</td>
<td>PT 710 PT Mgmt I Labs A&amp;B Phillips JD 1625</td>
<td>Dept of PT Faculty Meeting</td>
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<td>2:30 - 3:00</td>
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<td>6:30 - 7:00</td>
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</tbody>
</table>
In Order to Apply You Need ...

1. **Bachelors Degree** - *Any Major*
   
   *Kinesiology/ Exercise Science recommended*
   
   *Must have by the start of the program, not at time of application.*

2. **10 Prerequisite courses** - See yellow handout
   
   Must complete 10 Prerequisite courses with minimum 3.0 GPA.
   
   Only 2 prerequisite courses can be in planned or in progress.

3. **GRE** *(Submit scores to 7794 code)*:
   
   If Undergraduate GPA is under a 3.0 you must score above the 50th percentile in either the Verbal or Quantitative portion of the GRE.
   
   Must have a minimum score of 3.0 on Analytical Writing section.

4. **3 Letters of Recommendation** *(electronically submitted through PTCAS)* 1 by a PT is required, 2 is preferred.

5. **Work/Volunteer Experience** - Minimum 200 Hours
   
   200 hours must be completed before the application deadline.
   
   All hours must be supervised by a licensed PT.
   
   200 hours maximum will count towards each application.
Application Deadlines

The PTCAS Application [PTCAS Application] for Fall 2017 will open July 2, 2016

**DEADLINE: OCTOBER 3rd, 2016**

Application should be eSubmitted by October 3rd.

- A 3-week grace period will be given after the deadline for your application to be verified. The application review process will begin after the 3-week grace period.

- It is the student’s responsibility to be sure ALL materials (GRE, transcripts, letters, verified work experience) are sent to PTCAS in a timely manner.
Prerequisite Coursework

Biology
Human Anatomy
Human Physiology
Chemistry
Physics
Statistics
Psychology

3 quarters = 2 semesters

Click Here for Program Prerequisites Sheet!

Applicants can retake courses once and the 2 grades are averaged together.

Applicants can retake up to 15 units.
PTCAS GPA Calculations

- PTCAS calculates GPA’s based on “official transcripts” submitted to them.

- Repeating Courses is acceptable to help increase your prerequisite GPA.
  - If you are repeating the same exact course, PTCAS will average the grades. You may take a different course in the same subject area to avoid an averaged grade. As long as the course meets our requirement description, we will accept it. For example, if you took Bio 101 and received a “C” grade, you may take Bio 106 instead since we accept any Biology course.

- GRE scores are reviewed by test date (not section).
  - If you take the GRE multiple times you must pick the ONE test date you want PTCAS to use for all three sections.
International Students: 
Undergraduate Degree not from the U.S.

Your transcripts must be translated and evaluated by:

World Education Services (WES)

PTCAS will not accept evaluations from other agencies or sources.

Send translated/evaluated transcripts to PTCAS before the deadline.
Accepted Applicants Averages

Fall 2015

Class 60:
- Undergraduate Cumulative GPA: 3.72
- Core PT Prerequisite GPA: 3.62
- GRE (Percentile Averages only):
  - Verbal 152 59%
  - Quantitative 154 54%
  - Analytical 4.0 56%
CSUN PT Program Acceptance

32 students are notified of acceptance into CSUN’s PT Program

- A Wait List is generated and applicants are notified as spots become available.

CSU Mentor Application: [www.csumentor.edu](http://www.csumentor.edu)

- Do not apply to CSU Mentor until you have been notified of acceptance or Wait List status.
If Accepted To Begin the PT Program in Fall:

Bachelors Degree must be completed (BS/BA)

Signed student contract of PT Department Policies must be returned to the PT Department staff.

- Student must review sign the Essential Functions (on the website) that you can handle the Physical requirements of a Physical Therapist.
- PTs in outpatient orthopedics see 2-3 patients per hour.

Official transcripts for any outstanding prerequisite courses must be submitted to the CSUN PT Department by Fall (prerequisite GPA must still be $\geq 3.0$)
You may contact your Faculty Advisor via email with questions. Advisors are assigned by the first letter of your last name:

<table>
<thead>
<tr>
<th>Last Names Beginning with:</th>
<th>Advisor Name</th>
<th>Telephone</th>
<th>Office</th>
<th>E-Mail Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-D</td>
<td>Dr. Janet Adams</td>
<td>818-677-3107</td>
<td>JD 1513B</td>
<td><a href="mailto:janet.adams@csun.edu">janet.adams@csun.edu</a></td>
</tr>
<tr>
<td>E-H</td>
<td>Dr. Janna Beling</td>
<td>818-677-2203</td>
<td>JD 1537A</td>
<td><a href="mailto:janna.beling@csun.edu">janna.beling@csun.edu</a></td>
</tr>
<tr>
<td>I-L</td>
<td>Dr. Vicky Graham</td>
<td>818-677-2346</td>
<td>JD 1529</td>
<td><a href="mailto:victoria.graham@csun.edu">victoria.graham@csun.edu</a></td>
</tr>
<tr>
<td>M-N</td>
<td>Dr. Aimie Kachingwe</td>
<td>818-677-4602</td>
<td>JD 1529</td>
<td><a href="mailto:aimie.kachingwe@csun.edu">aimie.kachingwe@csun.edu</a></td>
</tr>
<tr>
<td>O-Q</td>
<td>Dr. Witaya “Dan” Mathiyakom</td>
<td>818-677-3108</td>
<td>JD 1531</td>
<td><a href="mailto:witaya.mathiyakom@csun.edu">witaya.mathiyakom@csun.edu</a></td>
</tr>
<tr>
<td>R-U</td>
<td>Dr. Beth Phillips</td>
<td>818-677-2048</td>
<td>JD 1523</td>
<td><a href="mailto:beth.phillips@csun.edu">beth.phillips@csun.edu</a></td>
</tr>
<tr>
<td>V-Z</td>
<td>Dr. Peggy Roller</td>
<td>818-677-4684</td>
<td>JD 1521</td>
<td><a href="mailto:Peggy.roller@csun.edu">Peggy.roller@csun.edu</a></td>
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QUESTIONS?