

# Immunization Requirements for California College Students

Marc Lerner, M.D.

Medical Officer, Orange County Department of Education

With thanks to:

Mary Knudtson, DNSc, NP-UC Santa Cruz Executive Director of Health and Wellness

Gina Fleming, MD, MSPH-UCOP Medical Director of Student Health and Counseling

Mary Ferris, M.D., M.A., M.S.Ed.-Executive Director Student Health Services

# Requirements for Vaccination for College Students

- 38 states require the meningitis vaccine
- 12 states mandate Hepatitis B
- 28 states require measles vaccine
- 23 require the MMR vaccines
- 14 require the Td or Tdap
- 5 require varicella vaccine

# ACIP Immunization Recommendations

- Annual influenza immunization
- Catch-up immunizations at 18
  - Tdap
  - 2 MMR
  - 2 Varicella
  - Meningococcal conjugate at 16 or older
  - HBV x 3
  - HPV x 3
  - HAV x 2
- High risk recs (PCV 13, PPSV23, Hib, etc.)

# CAIR – Current 18-25 YOs

| <i>Region</i>        | <i>CA Pop<br/>(2015)</i> | <i>Patients</i>  |              | <i>Vaccinations</i> |                  |
|----------------------|--------------------------|------------------|--------------|---------------------|------------------|
|                      |                          | <i>#</i>         | <i>%</i>     | <i>#</i>            | <i>#/Patient</i> |
| NorCal               | 115,301                  | 59,188           | 51.3%        | 800,912             | 13.5             |
| Gr. Sac              | 295,080                  | 94,760           | 32.1%        | 959,517             | 10.1             |
| Bay Area             | 849,577                  | 462,834          | 54.5%        | 6,617,383           | 14.3             |
| Central Valley       | 349,671                  | 195,990          | 56.0%        | 3,200,453           | 16.3             |
| Central Coast        | 207,031                  | 91,684           | 44.3%        | 1,402,745           | 15.3             |
| LA-Orange            | 1,542,220                | 617,678          | 40.1%        | 9,727,225           | 15.7             |
| Inland Empire        | 576,588                  | 322,835          | 56.0%        | 3,094,659           | 9.6              |
| <b>CAIR 7 TOTALS</b> | <b>3,935,468</b>         | <b>1,844,969</b> | <b>46.9%</b> | <b>25,802,894</b>   | <b>14.0</b>      |

April 29, 2014

# Mumps Outbreak on College Campus, Despite Vaccinations



RI Dept. of Health  
@RIHEALTH



Follow

Great turnout for meningitis vaccination clinic at PC from students, staff, and volunteers. [#meningitisB](#)



# Outbreaks on UC Campuses

- Berkeley
  - Measles case(s)
  - Mumps
- Davis
  - Mumps in international student
  - Measles international student
  - 4 cases of Active Tuberculosis in 2014-15
  - Meningitis Type B single case
- Most campuses
  - Active tuberculosis cases (including MDR TB)
- Santa Barbara
  - Meningitis (type B) outbreak November 2013
  - 4 cases in 2 weeks
- San Diego
  - Multiple active TB, including MDR-TB with 1000 exposed

# **The swelling's not so bad. It's the severe testicular pain...**

Mumps means 9 days of no parties,  
no friends, no classes.

Intense pain in cheeks and throat.

Difficulty chewing or swallowing.

Weakness. Fever.

In some cases, severe testicular  
pain and swelling.

Mumps can cause sterility,  
meningitis and deafness.

For information about the free mumps immunization,  
your eligibility and clinics in your area, please call:  
Calgary Health Link (403) 943-5465  
Edmonton Health Link (780) 408-5465  
Health Link Alberta (toll-free) 1-866-408-5465  
or visit: [www.health.alberta.ca](http://www.health.alberta.ca)



**Protect yourself  
against the mumps.**

# **Get IMMUNIZED**

Alberta

# Vaccination Rates for College Students

- Only 8-13% of college students received the flu vaccine in a recent year
- Reason: Unwarranted Optimism” about their own health: They do not see the flu “as a personal risk and tend to overestimate how safe they truly are.”



# Barriers to College Student Influenza Vaccination

Questionnaires were completed by a convenience sample of 383 undergraduate students in January 2014. Findings:

- Only 20.6% of students reported receiving the vaccine within the last 6 months
- For non-vaccinated college students who did not receive the vaccine:
  - 47.8% believed they would get influenza from the vaccine
  - 41.6% believed the vaccination may have dangerous side effects
  - 39.6% believed they were not at risk for contracting influenza
- The majority of non-vaccinated students did not believe cost of the vaccine or access to the vaccine were barriers

# Study to increase College Influenza Vaccinations

## Swarthmore College study of 3 scenarios

1. Email sent from another student at the school urging the recipient to get vaccinated
2. Email with audio of coughing, to “make the cost of getting sick more salient,” and promotion of vaccination
3. Email offering a \$30 incentive

### Findings:

- Few students who said they were planning to get vaccinated actually followed through
- Offering money was the most effective and the most costly
- In the \$ incentive group only 43% followed through

# Meningococcal Vaccinations at College

- In 1997, the American College Health Association (ACHA represents about half of colleges) released a statement recommending:
  - College health services should take a more proactive role in alerting students and their parents about the dangers of meningococcal disease
  - Colleges and universities ensure all students have access to a vaccination program for those who want to be vaccinated
- ACHA / CDC surveys were sent to 1,200 ACHA-member schools
- 691 schools responded
- 57 (8%) reported that pre-exposure meningococcal vaccination campaigns had been conducted on their campus
- During the 1998--1999 school year, 3%--5% of 148 students enrolled in a case-control study reported receiving prophylactic meningococcal vaccination

# College / University Immunization Requirements

- Unlike primary and secondary school requirements, there are no comprehensive statewide immunization requirements.
- Most requirements are made at the university or system level.
- Immunization requirements differ between colleges and universities.
- Protocols for collection and verification of records and enforcement also differ.

# Hepatitis B Vaccine Requirements

- California Health and Safety Code, Section 120390-120390.7
- ... “the Trustees of the California State University, and the Regents of the University of California\* shall require the first-time enrollees at those institutions who are 18 years of age or younger to provide proof of full immunization against the hepatitis B virus prior to enrollment”

\*Applicable to UC by UC resolution only

# Immunization Requirements for the California State University System

- Applicable for students since fall, 2002
- Allows medical, personal belief and religious exemptions
- Meningococcal Vaccine
  - All incoming freshman residing on campus must acknowledge being informed and choice on whether they got the vaccination
- Measles / Rubella / HBV
  - Must provide proof during application
  - If not fully immunized, may be admitted conditionally, can't enroll for next year until done

<https://www.calstate.edu/eo/EO-803.pdf>

[http://leginfo.legislature.ca.gov/faces/codes\\_displayText.xhtml?lawCode=HSC&division=105.&title=&part=2.&chapter=1.5.&article](http://leginfo.legislature.ca.gov/faces/codes_displayText.xhtml?lawCode=HSC&division=105.&title=&part=2.&chapter=1.5.&article)

# University of California

The University of California opened its doors in 1869 with just 10 faculty members and 38 students.



Today, the UC system includes more than 190,000 faculty and more than 257,000 students, with more than 1.6 million alumni living and working around the world.

# Meningococcal Disease Informing

- Each degree-granting public postsecondary educational institution\* that provides on-campus housing in the state shall do all of the following:
  - Provide information on meningococcal disease to each incoming freshman who has been accepted for admission to the postsecondary educational institution and who will be residing in on-campus housing, including a response form with space:
    - to indicate that the incoming freshman has received the information about meningococcal disease and the availability of the vaccine.
    - To indicate if he or she has chosen to receive the vaccination, and
    - For his or her signature.
  - Require incoming freshman to return to the form to the institution with the above information
- Does not require the postsecondary educational institution to provide the vaccination to the students
- Each degree-granting private postsecondary educational institution that provides on-campus housing in the state shall adopt a policy to notify all incoming students about meningococcal disease and the availability of the vaccination

CA Health and Safety Code, Sec 120395-120399



# UC System

- 10 campuses
- 5 medical centers
- 3 national laboratories
- 150 academic disciplines
- 600 graduate degree programs
- 257,000 students
- 198,300 employees
- 1.6 million living alumni
- 61 Nobel laureates
- 17,000 UC extension courses
- 430,000 jobs supported
- \$46.3 billion contributed to California economy
- Secures \$7 in federal and private dollars for every \$1 in research funding provided by the state of California

# UC Student Health

- All registered students are required to have health insurance as a condition of enrollment
- All campuses have on campus student health centers
- Following an assessment of the cost analyses, market analysis, campus consolidation requirements, evaluation/selection of vendors, and claims experience of campus student health plans, a health insurance plan was created
  - UC SHIP: A self funded, centralized, system wide health insurance plan for all UC students and their dependents

# Student Health

- Student Health Services' (SHS) mission includes public health and education of students regarding health threats and preventive care
- Why create an immunization policy?
- Planning began in early 2014
  - Response to infectious disease outbreaks on UC Campuses over past 10 years, Mumps, Measles, Meningitis, Varicella, Pertussis, Active TB
  - ACA coverage for cost of vaccines
  - EMR systems that facilitate immunization data gathering
    - Immunization Registry
    - System wide use of Point and Click (PNC) EMR by UC

# Tipping Point



- School health service directors convened in 2014 and voted to pursue system wide plan to include vaccine history AND require immunizations recommended by CDPH
- Decision to link acknowledgement of vaccine recommendations with registration, but had already missed deadlines for fall 2014, and therefore efforts began with communications for Fall 2015
- Identified “Immunization Plan Committee” comprised of 5-6 SHS Directors and UCOP SHS Medical Director
  - Later expanded to include representation from each campus

# UC Immunization Policy: Requirements

**Notice: All incoming UC students are REQUIRED to obtain the following vaccines and undergo screening for Tuberculosis.**

| <b><u>Required Vaccinations &amp; Screenings</u></b>           | <b><u>Required Dosage &amp; Screening Information</u></b>   |
|--|---|
| Vaccine: Measles, Mumps and Rubella (MMR)                      | Two (2) doses with first dose on or after 1st birthday; OR positive titer (laboratory evidence of immunity to disease)  |
| Vaccine: Varicella (Chickenpox)                                | Two (2) doses with first dose on or after 1st birthday; OR positive titer   |
| Vaccine: Tetanus, Diphtheria and Pertussis (Tdap)              | One (1) dose after age 7; tetanus booster (Td) every 10 years after initial Tdap  |
| Vaccine: Meningococcal conjugate (Serogroups A, C, Y, & W-135) | One (1) dose on or after age 16 for all students who are ages 21 years or younger   |
| Screening: Tuberculosis (TB)                                   | <p>All incoming students must complete a Tuberculosis risk questionnaire. Incoming students, who are at higher risk* for TB infection as indicated by answering “yes” to any of the screening questions, should undergo either skin or blood testing for TB infection within 1 year of UC entry.</p> <p>*Higher risk includes travel to or living in South &amp; Central America, Africa, Asia, Eastern Europe, and the Middle East; prior positive TB test; or exposure to someone with active TB disease.</p> |

# UC Immunization Policy: Recommendations

**UC STRONGLY RECOMMENDS THESE GROUPS OF STUDENTS OBTAIN THE FOLLOWING VACCINATIONS:**

| <b><i>Recommended Vaccinations</i></b> | <b><i>Recommended Groups</i></b>  |
|--|---|
| Hepatitis A vaccine (Hep A)            | All students regardless of age  |
| Hepatitis B vaccine (Hep B)            | All students regardless of age  |
| Human papillomavirus vaccine (HPV)     | For women and men through age 26 years  |
| Influenza vaccine (Flu)                | Annually; All students regardless of age  |
| Meningococcal B (Meningitis B)         | Students ages 16 – 23 who elect vaccination after discussion with their healthcare provider                   |
| Meningococcal conjugate (Meningitis)   | Students up to age 23   |
| Pneumococcal vaccine                   | For students with certain medical conditions (e.g., severe asthma, diabetes, chronic liver or kidney disease) |
| Poliovirus vaccine (Polio)             | Regardless of age, if the series was not completed as a child   |
| Vaccines for international travel      | Based on destination  |

# UC Immunization Policy 3-Year Plan

## Phase 1 - Fall 2015:

All campuses provided information to incoming students on immunization and TB screening recommendations

Students concurrently provided a required acknowledgement of recommendations receipt on the admissions checklist

Campuses implemented non-mandatory, student self-entry of vaccine information via the secure electronic medical record portal

# Immunization Policy 3-Year Plan

## Phase 2 - Fall 2016:

All campuses implement student self-entry of vaccine and TB screening information via the secure electronic medical record portal

### Portal will:

- Include a link from admissions checklist
- State the requirement of completion prior to initial registration. Requirement to be “soft,” without a mandatory registration hold placement during phase 2



# Immunization Policy 3-Year Plan

Phase 3 - Fall 2017:

All campuses to complete implementation of required student self-entry for vaccine and TB screening information.

- Submissions via the secure Electronic medical record portal must be verifiable
- Failure to comply will result in a registration hold



# Efforts to Date

- All campuses have linked notices regarding immunization requirement to admission and registration communications
- All campuses have updates on their website
- Media picked up story when first launched
- Meetings with UC and campus stakeholders, including:
  - UCOP: UC President and Regents, Executive Vice President UC Health, Office of General Council, Risk Services, Legislative Affairs
  - Campuses: Chancellors, Vice Chancellors of Student Affairs, Registrars, Graduate Deans, International Student Deans, English Language Program Administrators, and Information Technology.
  - Students: UCSHIP EOB, Campus SHACs, Participants on Exemption Policy Work Group
- Presidential Policy—rationale to support efforts

# Exemption Requests

- A task force was convened to determine the policy and process for exemption requests, denials and appeals.
- UC SHS Executive and Medical Directors support waivers for medical exemptions only.
- UC Immunization Policy reviewed for formal approval via UC Presidential Policy.

# Creating an Immunization Exemption Policy

- **Convened Group Meeting**
  - Reviewed exemption options:
    - **Personal Belief:** student can chose not to have vaccine for any reason
    - **Religious:** students' religious beliefs do not allow for vaccination
    - **Medical Only:** students with medical conditions that place them at risk for adverse events/serious side effects OR those who have had a previous adverse reaction to vaccination
      - CDC and product manufacturers define conditions and risks for vaccination
      - CDC also has list of common misperceptions of contraindication to vaccination
  - Brainstorm pros and cons of each option
  - Assess and summarize work group's leaning regarding allowable exemptions

# University of California Immunization Exemption Policy

- Medical Exemptions to Vaccination
  - UC allows for exemptions to immunization requirements based on a medical condition that is a contraindication to vaccination for the following vaccines: MMR (measles, mumps, and rubella), Varicella (chickenpox), pertussis (whooping cough), or meningitis (for certain groups of students).
  - A list of established contraindications to vaccination can be found on the Centers for Disease Control and Prevention (CDC) website for Guide to Contraindications
- Medical exemptions must be documented on the UC Medical Exemption Request Form, indicating the specific vaccine for which the exemption is requested, and whether the exemption should be permanent or temporary
  - If temporary, the expected duration of the medical condition must be included.
  - All forms must be signed by a licensed medical provider (MDs, DOs, NPs, PAs)

# UC Immunization Exemption Denials

- The UC Immunization Exemption Policy Committee (IPEC) established
- Includes 10 representatives;
  - Physicians (including at least one ID specialist), students, and other faculty with expertise in fields such as medical ethics, law, public health, religion, and international student services
- Students requesting an appeal must submit a written request to their campus student health center to initiate the appeal
- Students whose requests for medical exemption to the immunization requirement have been denied, will be able to enroll in classes and register for the upcoming academic term (quarter, semester, or session) while their request is being reviewed



### Medical Exemption Request Form

Name of Student: \_\_\_\_\_

Campus Student Attends: \_\_\_\_\_

Student's University ID Number: \_\_\_\_\_

Student's Date of Birth: \_\_\_\_\_

I, \_\_\_\_\_ [Name of licensed MD, DO, PA, NP] have reviewed the referenced materials as listed by the University of California Immunization Exemption Policy: List of contraindications to vaccination "Guide to Contradictions", and certify that \_\_\_\_\_ [Name of Student] has:

1) A medical condition that contraindicates his/her vaccination with \_\_\_\_\_ [Name of vaccine].

This name of the condition/diagnosis is: \_\_\_\_\_

The type of contraindicating vaccine is: \_\_\_\_\_

This condition/diagnosis is:

Permanent

Temporary; \_\_\_\_\_ [name of vaccine] may be given in \_\_\_\_\_ [number of months]

OR

2) The patient experienced a severe adverse reaction, specifically:

\_\_\_\_\_ [description of reaction]

when he/she received a prior dose.

3) Titers for immunity to this disease:

Indicate that he/she is immune

Indicate he/she is NOT immune

Have not yet been obtained

Signature of Healthcare Provider:

Date:

Medical License Number & State/Country of Issue:


Practice address:

Provider Phone Number and Email:

*Return this completed form to the Student Health Service at campus where student attend.*

# New Student Checklist

Before you come to Berkeley, there are a number of ways you can plan ahead to avoid or minimize the complications caused by illness.

| Request  | What to Do  |
|--|---|
|  <p>UC-wide immunization and screening recommendations</p> | <p>University of California campuses have implemented <a href="#">new immunization and screening recommendations</a>, with <a href="#">stronger requirements for all new incoming students for Fall 2016</a>.</p> <p>The CDC Advisory Committee on Immunization Practices (ACIP) and the American College Health Association (ACHA) recommend the following <a href="#">recommendations for adult immunizations</a><sup>PDF</sup> (PDF).</p> <p>All of these <a href="#">immunizations (and more)</a> are available at the <a href="#">Tang Center</a>.</p> <p>If you have SHIP, most of these immunizations are covered at 100%.</p> |



# UC EHR Immunization Module

- All campuses have purchased and have set up the module
- Immunization Plan Committee and SHS IT staff working together
  - Established criteria for system wide reporting on compliance
- PNC Immunization program has challenges; all data must be entered in one sitting; does not yet save and allow students to return to complete
- Requires complex compliance set up for reporting and coordinating holds
- No interface with Statewide Immunization Registry
- Campuses collecting student self-entered data

# Critical Elements & Involved Stakeholders

- End user ease-of-use
- Integration with existing electronic health records
- Interfaces with Admissions and Registrar data
- Administrative tracking and compliance monitoring
- Verification if required
- Clinician display for later medical care utilization

- New students and parents IT staff
- IT and campus officials
- Admin staff
- Clinical and Admin staff Clinicians

# It starts with the Admissions Process

The screenshot shows the UC Santa Barbara Admissions website. At the top, there is a navigation bar with links for 'Join our Mailing List', 'Dates & Deadlines', 'Reservations Calendar', and 'Check My Application Status'. Below this is a secondary navigation bar with links for 'Why UCSB?', 'Our Location', 'Visit UCSB', 'Cost', 'Applying', and 'Connect', along with a 'QUICK LINKS' button. The main content area features a breadcrumb trail: 'Home' > 'Steps to Enrollment'. The primary heading is 'You're Admitted! What's Next?'. Below this heading, a paragraph states: 'Follow these steps to enrollment on accepting your offer and preparing to start at UCSB.' There are two main sections: 'Before You Decide' and 'Accepting Your Offer of Admission', each with an 'Expand all' link. The 'Before You Decide' section includes links for 'View the Conditions of Admission and keep us informed of changes', 'Review your options for financial aid', 'Come visit UCSB', 'Review your options for housing', and 'Campus safety'. The 'Accepting Your Offer of Admission' section includes links for 'Submit your Statement of Intent to Register (SIR)', 'Submit your online Statement of Legal Residence (SLR) when you complete your online SIR', 'Establish your UCSBnetID and UCSB U-Mail email account', 'Complete the housing process on the Housing and Residential Services website', and 'Visit the Student Health website to comply with the University of California Immunization Plan'. A red arrow points to the 'Visit the Student Health website...' link. Below this link, a paragraph explains that all incoming students are required to receive certain vaccinations and tuberculosis screening, and strongly urges them to have their immunizations up-to-date before arriving at UCSB. At the bottom, a paragraph states that this requirement can be completed by following instructions on the Student Health website, which includes entering dates of immunizations and screening, and uploading immunization records.

UC Santa Barbara  
ADMISSIONS

Join our Mailing List Dates & Deadlines Reservations Calendar [Check My Application Status](#)

[Why UCSB?](#) [Our Location](#) [Visit UCSB](#) [Cost](#) [Applying](#) [Connect](#) [QUICK LINKS](#) ▶

[Home](#) [Steps to Enrollment](#)

## Steps to Enrollment PDF

Download the printer-friendly *Steps to Enrollment* guide for fall 2016.

[Fall 2016 Steps to Enrollment](#)

## You're Admitted! What's Next?

Follow these steps to enrollment on accepting your offer and preparing to start at UCSB.

### Before You Decide [Expand all](#)

- ▶ [View the Conditions of Admission and keep us informed of changes](#)
- ▶ [Review your options for financial aid](#)
- ▶ [Come visit UCSB](#)
- ▶ [Review your options for housing](#)
- ▶ [Campus safety](#)

### Accepting Your Offer of Admission [Expand all](#)

- ▶ [Submit your Statement of Intent to Register \(SIR\)](#)
- ▶ [Submit your online Statement of Legal Residence \(SLR\) when you complete your online SIR](#)
- ▶ [Establish your UCSBnetID and UCSB U-Mail email account](#)
- ▶ [Complete the housing process on the Housing and Residential Services website](#)
- ▼ [Visit the Student Health website to comply with the University of California Immunization Plan](#)

All incoming students are required to receive certain vaccinations and tuberculosis screening. We strongly urge you to have your immunizations up-to-date before you arrive at UCSB.

Complete this requirement by following the instructions on the Student Health website below. You will need to enter your dates of the required immunizations and tuberculosis screening through this website, and you can also [upload your immunization records](#).

# Linked to your Student Health website...



Information (805) 893-5361

[Home](#) | [Insurance](#) | [Healthcare Services](#) | [Contact Us](#) | [Meet our Medical Staff](#)

[Home](#) / [Healthcare Services](#) / [Medical Services](#) / [Immunization Information](#) / [University Immunization Requirements](#)

## University Immunization Requirements

### To complete your Steps to Enrollment:

1. You will need your immunization records to complete this step. Use our [worksheet](#) to prepare (or have your doctor's office fill it out).
2. Log in to the [SHS Gateway](#) (UCSB Net ID & password required)
3. Select the Forms menu in the left column.
4. Select "Complete Required Immunization Records"

**Starting Fall 2016**, all incoming students are required to receive the vaccinations and tuberculosis screening noted in the [Immunization Requirements](#). We strongly urge you to have your immunizations up-to-date before you arrive at UCSB.

**For optimal medical care**, [email](#) your immunization records or fax them to (805) 893-2758. You may also upload documents when you complete the "Required Immunization Records" as part of your Steps to Enrollment.

You will **not** receive a confirmation but the immunization documents will be incorporated into your permanent electronic medical record.

On your correspondence, please include your:

- full name
- date of birth

**IF YOU DO NOT COMPLETE THIS REQUIREMENT, A BLOCK MAY BE PLACED ON YOUR REGISTRATION FOR FALL QUARTER.**

**Exemptions** to the Required University Immunizations will only be allowed for medical reasons; click [here](#) for further information.




# Immunization Documentation Video

- UCSB example


<https://www.youtube.com/watch?v=yBDLHZWvCG4&feature=youtu.be>

# Confidential entry into your electronic medical records system...

UCSB Student Health



OF CALIF  
**UCSB**



**STUDENT health**  
University of California, Santa Barbara

Welcome to the UCSB Student Health Gateway Medical Portal | [Logout](#)

Please enter your UCSBNetID and password:

UCSBNetID:

Password:

Spring 2016 Gaucho Access Plan (GAP) enrollment CLOSED on April 15th.  
GAP enrollment and GHI Waivers will OPEN for Fall 2016 on June 1, 2016.

This Gateway medical portal can be used to:

- Make appointments
- Communicate confidentially with Student Health & Pharmacy
- Sign medical and security consents
- Print out billing statements & immunization records
- Enter required Immunization dates
- Waive the Gaucho Health Insurance (GHI) plan
- Enroll in the New Gaucho Access Plan (GAP) for Waived students

If you are not able to use this site, come to Student Health and use our Windows computers located in the Gateway area across from the Pharmacy.

If this does not help, please call our Appointment Desk at 805 893-3371 for assistance with your needs.

# YouTube Video to demonstrate how to find the right screen...



UCSB Student Health



- Home
- Profile
- Appointments
- Messages
- Forms
- Survey Forms
- Online Statements
- Immunizations

Welcome, JOE GAUCHO | [Logout](#)

## Required Entrance Forms

Name: GAUCHO, JOE DANA  
School:  
ID Number: 209502

Before registering for classes, or your first visit to Student Health, you must complete the following online requirements:

- Tuberculosis (TB) Screening Questionnaire (Complete **before** Immunization Records below)
- Complete Required Immunization Records
- Notice of Privacy Practices
- Medical Consent for Treatment
- Consent for Secure Messaging
- Health History Form

**Prior to opening these pages to complete your entrance requirements:**

1. **Gather your health records, including medication and immunization records.**
2. **Review your records and your family health history with family members.**

### Form Name

[Tuberculosis \(TB\) Screening Questionnaire \(Complete before Immunization Records below\)](#)



[Complete Required Immunization Records](#)

[Notice of Privacy Practices](#)

[Medical Consent for Treatment](#)

[Consent for Secure Messaging](#)

### Status

Not Yet Complete:  
Please provide the requested information with special attention to the required fields.

Not Yet Complete:  
Please provide the requested information with special attention to the required fields.

Not Yet Complete:  
Please provide the requested information with special attention to the required fields.

Not Yet Complete:  
Please provide the requested information with special attention to the required fields.

Not Yet Complete:  
Please provide the requested information with special attention to the required fields.

Finally the actual self-entry of dates (with a Worksheet?)...

UCSB Student Health



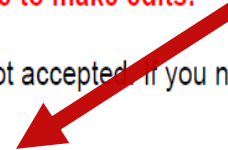
Welcome, JOE GAUCHO | [Logout](#)

## Complete Required Immunization Records

Please see [Frequently Ask Questions About Your Entrance Immunization Requirements](#) for more information.

All incoming UC students are REQUIRED to obtain these vaccines and undergo Tuberculosis screening. **Have your immunization dates ready before you begin, as once you submit dates, you will not be able to return to this page to make edits.**

Exemption for personal reasons are not accepted. If you need a medical exemption request form click here: [Medical Exemption Form](#)



---

**1: MMR meets requirements for MEASLES, MUMPS, RUBELLA [Required]**

Date for Dose 1:

Date for Dose 2:



# Ability to Enter Disease Dates

## 2: Varicella (Chicken Pox) Immunization (Option 1) [Required]

You must provide dates of immunizations.

If you received individual immunizations for Varicella, please indicate the date that each dose was given. Two doses required.

Date for Dose 1:

Date for Dose 2:

## 3: Varicella (Chicken Pox) Disease (Option 2) [Required]

Enter approximate date of disease.

Date of Infection:

## 4: Tetanus, Diphtheria, and Pertusis (Tdap) Immunizations [Required]

If you have not had a Tdap immunization (Boostrix or Adacel) within the last 10 years, you should do so now and then complete this form with your updated immunization information.

Date for Dose 1:

## 5: Meningococcal (Menactra, Menveo or Menomune) [Required]

One dose on or after age 16 for all undergraduates (and for graduate students new to residence hall settings)

Date for Dose 1:



# Limited displays for alternative options, but can **UPLOAD** documents

## 6: Tuberculosis screening skin test (Option 1) [Required]

A TB skin test with a negative result is acceptable. If your tuberculosis screening test is positive, you will need to submit results of a recent chest x-ray.

If you have had a TB skin test for Tuberculosis, please record the result here.

Date of Administration:

Date Read:

Result:  Positive  Negative

mm Induration

## 7: Tuberculosis screening blood test (Option 2) [Required]

A Quantiferon test with a negative result is acceptable. If your tuberculosis screening test is positive, you will need to submit results of a recent chest x-ray.

If you have had a Quantiferon test for Tuberculosis (instead of a TB skin test), please record the result here.

Test Date:

Result:  Positive  Negative

## 8: Tuberculosis screening Chest X-ray (Option 3)

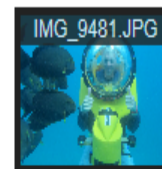
If you have had a chest x-ray performed as a follow-up to a positive PPD or Quantiferon result, please record the result here.

Date of Administration:

Result:  Positive  Negative

Please upload your scanned immunization records. We accept the following file types: PNG, JPG, JPEG, GIF.

Add immunization record...



Click Proceed to submit your completed form.

If you are not ready to complete these items, please click Cancel.  
You will be able to return to this page later.

If you have any questions about the items on this page,  
or need to make changes after it has been submitted,  
please contact us at [SHSEntranceimmunizations@sa.ucsb.edu](mailto:SHSEntranceimmunizations@sa.ucsb.edu) or email only.

**Remember: You cannot change an item after it has been submitted.**

If you want a copy of this page  
please print it from your browser  
before pressing the Proceed Button .

Proceed

Cancel



## Tuberculosis (TB) Screening Questionnaire (Complete **before** Immunization Records below)



Items marked with \*\* are required.

### Tuberculosis (TB) Screening Questionnaire

#### Please answer the following questions:

\*\* Have you ever had close contact with persons known or suspected to have active TB disease?

Yes  No

\*\* Were you born in one of the countries listed below that have a high incidence of active TB disease? (If yes, please Check the country, below)  Yes  No

Countries with high incidence of active TB disease:

- |                                      |                                     |                                  |                                     |
|--------------------------------------|-------------------------------------|----------------------------------|-------------------------------------|
| <input type="checkbox"/> Afghanistan | <input type="checkbox"/> Algeria    | <input type="checkbox"/> Angola  | <input type="checkbox"/> Argentina  |
| <input type="checkbox"/> Armenia     | <input type="checkbox"/> Azerbaijan | <input type="checkbox"/> Bahrain | <input type="checkbox"/> Bangladesh |

# TB SCREENING FORM

\*\* Have you had frequent or prolonged visits\* to one or more of the countries listed above with a high prevalence of TB disease? (If yes, CHECK the countries, above)  Yes  No

\*\* Have you been a resident and/or employee of high-risk congregate settings (e.g., correctional facilities, long-term care facilities, and homeless shelters)?  Yes  No

\*\* Have you been a volunteer or health-care worker who served clients who are at increased risk for active TB disease?  Yes  No

\*\* Have you ever been a member of any of the following groups that may have an increased incidence of latent M. tuberculosis infection or active TB disease – medically underserved, low-income, or abusing drugs or alcohol?  Yes  No

If the answer is YES to any of the above questions, Loyola Marymount University requires that you receive TB testing as soon as possible but at least prior to the start of the subsequent semester).

If the answer to all of the above questions is NO, no further testing or further action is required.

\* The significance of the travel exposure should be discussed with a health care provider and evaluated.

Submit Final

**Click here to submit the final content of the form**  
(You cannot change items after the form has been submitted.)

Cancel

**Click here to cancel entering the form**  
(Currently entered changes will not be saved.)

# Self-entered immunization dates appear within medical record...

OpenChart v12.9 - [Patient]

File View Tools Reports Help

← → Patient Provider Organization References Web Links Audit Logs

Tasks 39 IM

Patient: [Yellow Box] GAUCHO, JOE DANA (Philomena) Pt#: 209502

[Send Letter](#) [Send Message](#) [Print Immunizations](#) [Trans](#)

### Immunizations

[Edit Populations](#) [Edit Com](#)

**Status:** **Compliant with Standard Requirements**  
(last calculated on 5/12/2016 2:04:05 PM)

**Member of the following immunization populations**

|              | Last Updated |
|--------------|--------------|
| All Students | 5/12/2016    |

**Disease Compliance**

|                           | Status                                      | Last Updated |
|---------------------------|---|--------------|
| EMF Immunization          | <b>EMF Non-Compliant</b>                    |              |
| Immunizations - DTP       | <b>Compliant with Standard Requirements</b> | 5/12/2016    |
| Immunizations - Menactra  | <b>Compliant with Standard Requirements</b> | 5/12/2016    |
| Immunizations - MMR       | <b>Compliant with Standard Requirements</b> | 5/11/2016    |
| Immunizations - TB (Med)  | <b>Compliant with Standard Requirements</b> | 5/11/2016    |
| Immunizations - Varicella | <b>Compliant with Standard Requirements</b> | 5/11/2016    |

### Immunization Events

[Add Event](#) [Edit Event](#)  Immunizations Only  Show P

| Procedure   | Event Date | Comment          |
|---|------------|------------------|
| <a href="#">Chest X-Ray (Self-reported)</a>             | 5/3/2016   | Result: Negative |
| <a href="#">Chicken Pox (Varicella) (Administered)</a>  | 3/21/2016  |                  |
| <a href="#">Chicken Pox (Varicella) (Administered)</a>  | 9/9/2015   |                  |
| <a href="#">Chicken Pox (Varicella)</a>                 | 12/15/2012 |                  |
| <a href="#">Chicken Pox (Varicella) (Self-reported)</a> | 1/6/2000   |                  |

**Medical Summary**  
Journal  
Registration  
Reminders (1)  
Appointments (15)  
Allergies (3)  
Medications (11)  
Problems/Issues (30)  
**Immunization (32)**  
Visits/Notes (967)  
All Results (288)  
Lab Grid  
Lab Specimens (1289)  
ECG/PFT (text) (0)  
ECG/PFT (41)  
Radiology (8)  
Vitals (48)  
Diagnoses (750)  
Procedures (515)  
Referrals (183)  
Orders  
Flowsheets (19)  
Compliance Forms (11)  
Survey (14)

# Uploaded Immunization record is stored in Scanned Documents...

File View Tools Reports Help

Patient: [redacted] GAUCHO, JOE DANA (Philomena) Pt#: 209502

Acquire File Load Search

From: [calendar icon] Category: [dropdown]

To: [calendar icon]  Include Deleted

Acknowledge View

Page #: 1 of 1

| Del | Document Date | Category             | Alerts | Scanned    | Comment                    | Acknow |
|-----|---------------|----------------------|--------|------------|----------------------------|--------|
|     |               | Immunization Records |        | 05/04/2016 | IMG_9481.JPG               |        |
|     | 04/06/2016    | Eye visits           |        | 04/06/2016 |                            |        |
|     |               | Eye visits           |        | 04/04/2016 |                            |        |
|     |               | Eye visits           |        | 04/04/2016 |                            |        |
|     |               | Photos               |        | 03/17/2016 | right knee                 |        |
|     | 03/17/2016    | Eye visits           |        | 03/17/2016 |                            |        |
|     |               | Consents             |        | 12/16/2015 | HPV 9 CONSENT              |        |
|     |               | Photos               |        | 10/30/2015 | test...                    |        |
|     |               | Photos               |        | 08/28/2015 | red eye                    |        |
|     |               | Consents             |        | 08/28/2015 | Tdap (ADACEL) C... 10/16/2 |        |
|     |               | Consents             |        | 08/28/2015 | HEP B CONSENT              |        |
|     |               | Consents             |        | 08/28/2015 | DEPO-PROVERA...            |        |
|     |               | Consents             |        | 08/28/2015 | Colposcopy Facts ...       |        |
|     | 07/24/2015    | Eye visits           |        | 07/24/2015 | test                       |        |
|     |               | Photos               |        | 05/27/2015 | mouse                      |        |
|     |               | Consents             |        | 05/26/2015 | -Consent Influenza         |        |
|     |               | Consents             |        | 05/26/2015 | Test consent for i...      |        |
|     |               | Consents             |        | 05/14/2015 | test consent               |        |
|     |               | Consents             |        | 05/14/2015 | Test consent for i...      |        |
|     |               | Photos               |        | 05/06/2015 | Test                       |        |
|     | 04/28/2015    | ER Reports           |        | 04/28/2015 | test er document           |        |
|     |               | Photos               |        | 04/27/2015 | Right elbow                |        |
|     |               | Consents             |        | 04/27/2015 | Test consent for i...      |        |
|     |               | Photos               |        | 04/27/2015 | Pnc test                   |        |
|     |               | Consents             |        | 04/17/2015 | -Consent Influenza         |        |
|     |               | Photos               |        | 04/17/2015 | Test                       |        |
|     |               | Photos               |        | 04/16/2015 | Test                       |        |
|     |               | Consents             |        | 04/02/2015 | test consent               |        |
|     |               | Photos               |        | 04/02/2015 |                            |        |
|     |               | Photos               |        | 04/02/2015 |                            |        |

Medical Summary  
Journal  
Registration  
Reminders (1)  
Appointments (1066)  
Allergies (3)  
Medications (11)  
Problems/Issues (30)  
Immunization (32)

Visits/Notes (967)  
All Results (288)  
Lab Grid  
Lab Specimens (1289)  
ECG/PFT (text) (0)  
ECG/PFT (41)  
Radiology (8)  
Vitals (48)  
Diagnoses (750)  
Procedures (515)  
Referrals (183)  
Orders  
Flowsheets (19)  
Compliance Forms (11)  
Survey (14)

All Documents (2168)  
**Scanned Documents (12)**  
Photos (15)  
Messages (634)

# Immunization Compliance Reporting...

File View Tools Reports Help

Patient Provider **Organization** References Web Links Audit Logs

Organization: **University of California - Santa Barbara**

Tasks

- Visit Tracking
- Batch Printing
- Immunization Compliance**
- General Compliance
- Lab Orders
- Radiology Orders
- Nursing Orders
- Referrals
- Rx Reports
- Reminders
- Print Queue
- Disclosures
- Clinical Reports
- Anonymous Surveys

Compliance For Report: Immunizations

Search Filters

Population: All Students Status:  Noncompliant  Compliant  Compliant due to Exemption  Any

School: First Attendance: None Student Class:

Select All Deselect All 208 Records found

NOTE: The listing below may contain out-of-date information. If the "Last Updated" value for a given record is not recent, the compliance for the record should be updated.

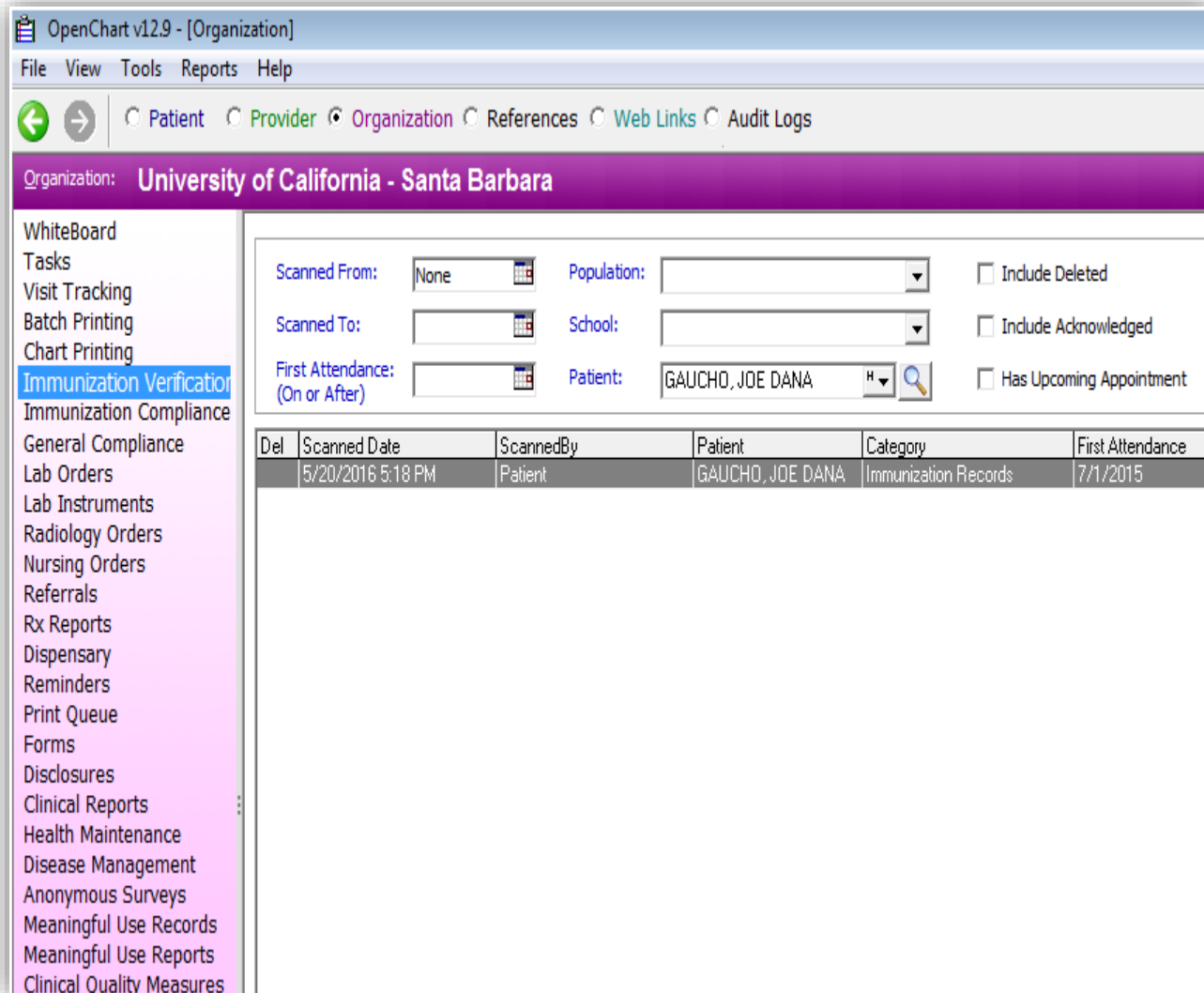
| Patient # | Patient Name     | Status                               | Compliant | Last Updated     | First Attendance | Comment | School and Class | System Comment |
|-----------|------------------|--------------------------------------|-----------|------------------|------------------|---------|------------------|----------------|
| 209502    | GAUCHO, JOE DANA | Compliant with Standard Requirements | Yes       | 05/12/2016 14:04 | 7/1/2015         |         | SR1              |                |

## Options for creating reports and batch email messages...

Update All... Update Selected... **Export Report** Send Message Send Letters  Preview When Sending Letters

GoTo Patient Print Grid **Export Grid**

# Verification in Batches



OpenChart v12.9 - [Organization]

File View Tools Reports Help

← → Patient Provider **Organization** References Web Links Audit Logs

Organization: **University of California - Santa Barbara**

WhiteBoard  
Tasks  
Visit Tracking  
Batch Printing  
Chart Printing  
**Immunization Verification**  
Immunization Compliance  
General Compliance  
Lab Orders  
Lab Instruments  
Radiology Orders  
Nursing Orders  
Referrals  
Rx Reports  
Dispensary  
Reminders  
Print Queue  
Forms  
Disclosures  
Clinical Reports  
Health Maintenance  
Disease Management  
Anonymous Surveys  
Meaningful Use Records  
Meaningful Use Reports  
Clinical Quality Measures

Scanned From: None Population: [ ]  Include Deleted  
Scanned To: [ ] School: [ ]  Include Acknowledged  
First Attendance: (On or After) [ ] Patient: GAUCHO, JOE DANA  Has Upcoming Appointment

| Del | Scanned Date      | ScannedBy | Patient          | Category             | First Attendance |
|-----|-------------------|-----------|------------------|----------------------|------------------|
|     | 5/20/2016 5:18 PM | Patient   | GAUCHO, JOE DANA | Immunization Records | 7/1/2015         |

# UC Immunization Communication Plan

- Outreach to Students/Parents
  - Create a webpage as entry point from the student dashboard to explain different requirements and how to meet them.
  - Present new immunization requirements to all incoming students and parents via new student orientation sessions
  - Highlight new immunization requirement on New Student Checklist
  - Integrate into all new incoming student communications
  - Repeat emails to incoming students re: admission health requirements
  - Mail to local address, secure message, new student orientation packets, and potential campus message.
  - Post on website for new students (both UG and Grad)
  - Article in parent newsletter



# Communication Plan

- Develop FAQs regarding the required TB screening/immunizations, and implementation of the plan
- Convene Immunization Work Group with stakeholders from campus SHS to address issues and ensure campuses “on the same page” in implementation plans
- Inform senior leadership of progress throughout the process
- Coordinate with University Communications to create talking points, and identify spokespersons to provide interviews and answer questions from press



# Future UC Immunization Needs

- Standardization of immunization records
- Mobile portals for ease of entry
- Verification solutions
- Seamless electronic integration with outside immunization registries

# Summary

- Outbreaks of vaccine preventable diseases are occurring on California college campuses
- Immunization requirements are made at the university or system level
- The University of California system has established a three year transition plan to implement an immunization requirement for all students