COVID-19 REOPENING PLAN

Presentation to the Board of Trustees
August 18, 2021
Introductions

COVID-19 Overview
COVID-19 History
COVID-19 Timeline
Delta Variant
Current Trends

LACDPh Compliance
Requirements
Recommendations
Reporting Guidelines
Vaccination Efforts
COVID-19 Task Force
Background/Mission
Accomplishments
Planning for Future

Facilities Updates
Classroom Supplies
Space Improvements
MERV-13 Filters
Ionization
Signage

Student Services Re-Engagement Plan
What We’ve Done
What We’re Doing
Where We’re Going

Fall 2021 On-Ground
Class Sections
Enrollments
Building Utilizations
COVID-19: WHAT IT IS AND IS NOT

WHAT IS COVID-19?
- COVID-19: CoVora VIrus Disease, identified outbreak in 2019
- Of the viral family: SARS-CoV-2, has RNA genetic material
- Mutations are typical/expected

EXPECTED ILLNESS SYMPTOMS
- Respiratory (coughing, SOB, sneezing, runny nose, congestion, low oxygen transmission), sore throat, loss of smell
- Body: aches, elevated temperature, chills, fatigue, headache, fuzzy thinking
- COVID-19: added gastrointestinal symptoms: loss of taste, nausea, diarrhea, upset stomach, bloating/gas

This can be limited with the use of vaccines, masks worn correctly, hand hygiene, etc.

COVID-19 IS NOT:
- Influenza, a cold, Chicken Pox, stomach flu, SARS, MERS
- To be taken lightly: In the U.S., nearly 37 million cases, 622,000 deaths
COVID-19: A BRIEF HISTORY

2019-2020

- November 2019 - Outbreak in China (Wuhan)
- January 2020 - Multiple notices from CDC & WHO (1/30/20 - Global Health Emergency)
- February 3, 2020 - CDC declares Public Health Emergency
- February 2020 - First death attributed to COVID-19 in the USA
- March 19, 2020 - Stay-At-Home Order in California
- Gentle easing of restrictions through Summer and Fall 2020
- Resurgences in July 2020, September 2020; new Variant of Interest (VOI)
- October 2020; hospitalizations and deaths increase
- December 2020 - Vaccines available; new Variants of Concern (VOCs): Alpha = England & Colorado; Beta = South Africa
2021

- January 2021 - **Mass vaccine distribution** in the USA; hospitalizations begin to decline; new VOC: **Gamma** = Brazil
- May 2021 - Infection/hospitalization/death rates dropping; easing of mask restrictions; new VOC: **Delta** = India, highly transmissible
- July 2021 - Rise in COVID-19+ cases, hospitalizations and deaths: coined "**Pandemic of the Unvaccinated**"
- August 16, 2021 - California constitutes the **State of Emergency** and requires specific workers to have the COVID-19 vaccine; schools back in session; **Lambda** variant a VOI, may become a VOC?
COVID-19: HEALTHCARE TIMELINE

February-March 2020
- Hospital rooms sealed, multiple units become COVID units; lack of supplies - requesting excess supplies/equipment from schools (gloves, masks, gowns, ventilators). Companies hired to conduct mass COVID-19 testing
- Continued rise in COVID-19 positive cases, hospitalizations, deaths

December 2020
- Mass vaccinations start; requesting volunteers & nursing students to assist with vaccinations
- Beginning of decline of positive cases, hospitalizations, deaths

January 2021
- Clinical sites beginning to allow small numbers of students into non-COVID clinical areas

March 2021
- Hospitals reporting drops in COVID-19 cases, hospitalizations, deaths

Spring/Summer 2021
- Continued fall of COVID-19 cases
- July 2021 - steady rise due to Delta variant
COVID-19 DELTA VARIANT

- First identified in India in **April 2021**
- A "Variant of Concern" (VOC); as compared to the original COVID-19 virus from November 2019:
  - Increase in **transmissibility**
  - Increase in **hospitalizations** and **death**, primarily in **unvaccinated people**

  **July 26 - 92% of hospitalized patients with COVID are unvaccinated**

- Symptoms may show within 24 hours
- Milder symptoms with shorter time-frames in vaccinated people
- **Vaccinated people may be able to transmit** this COVID-19 variant to others

**Sources:**
- CDC, 8-6-2021: https://www.cdc.gov/coronavirus/2019-ncov/variants/delta-variant.html
- LACDPH, 8-26-2021: http://publichealth.lacounty.gov/phcommon/public/media/mediapubhpdetail.cfm?prid=3261
COVID-19 & RHC HEALTH SCIENCE STUDENTS

- **March 2020** - Students blocked from all clinical sites; "alternate assignments" developed and approved by the California BVNPT, BRN, CDPH
- **April 2020** - RHC Health Science Division donates supplies to Adventist Health White Memorial and PIH Health Downey; volunteers with several organizations to assist with COVID-testing
- **Summer & Fall 2020** - RHC Nursing and Orthopedic Technology students continue with alternate assignments to meet requirements
- **Spring and Summer 2021** - More clinical sites opening; students rotating through the sites allowing students
- **June 2021** - All Nursing and Orthopedic Technology students/faculty notified June 25 of requirement to have COVID vaccine in order to proceed with classes. Clinical sites are mandating COVID-19 vaccines for all students as of August 16 (no exemptions allowed)
CURRENT TRENDS IN LA COUNTY

- LA County: Rising number of cases and deaths due to Delta variant
- August 16, 2021 - All healthcare workers to be vaccinated; all State workers to be vaccinated or tested weekly. Masks to be worn indoors and at outdoor events.
- August 18, 2021 - CDC announcement of an independent evaluation for a recommendation of a third dose of Pfizer/Modern, second dose of Johnson & Johnson COVID-19 vaccines (i.e., booster shots). Potential to offer these Fall 2021
- RHC COVID-19 Task Force: Continues to meet and adjust processes/protocols for prevention, identification, notification, and re-opening following CaDPH, CalOSHA, and LACo Health Officer orders

**CASES**

2,906

New Cases Reported (08/17)*

1,355,698

Total Cases Reported*

*including cases reported by Long Beach and Pasadena Health Departments

**Education Sector** Cases

<table>
<thead>
<tr>
<th>May 23, 2021 - June 5, 2021</th>
<th>Total staff/other cases</th>
<th>Total student cases</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>48</td>
<td>134</td>
</tr>
<tr>
<td>June 6, 2021 - June 19, 2021</td>
<td>31</td>
<td>55</td>
</tr>
<tr>
<td>June 20, 2021 - July 3, 2021</td>
<td>80</td>
<td>141</td>
</tr>
<tr>
<td>July 4, 2021 - July 17, 2021</td>
<td>301</td>
<td>405</td>
</tr>
<tr>
<td>July 18, 2021 - July 31, 2021</td>
<td>454</td>
<td>488</td>
</tr>
</tbody>
</table>

*Includes all Early Care and Education, TK-12, and Institutes of Higher Education, and programs serving youth including TK-12 non-instructional worksites, day care for school-aged children, day camps, programs at parks and recreation sites, and youth sports programs.

Source: [http://www.publichealth.lacounty.gov/media/Coronavirus/data/](http://www.publichealth.lacounty.gov/media/Coronavirus/data/)
Daily Reported Percent of COVID-19 Diagnostic Tests that are Positive, Past 7-day Average
August 10, 2021
Daily Number of Hospitalized COVID-19 Confirmed Patients, Past 7-day Average
June 1, 2021 to August 9, 2021
7-Day Cumulative Case Rates* per 100,000 people by Age Group
June 1, 2021 to August 4, 2021

* Crude rates
- 7-day cumulative rates - Age 0 to 4
- 7-day cumulative rates - Age 5 to 11
- 7-day cumulative rates - Age 12 to 17
- 7-day cumulative rates - Age 18 to 29
- 7-day cumulative rates - Age 30 to 49
- 7-day cumulative rates - Age 50 to 64
- 7-day cumulative rates - Age 65 to 79
- 7-day cumulative rates - Age 80+
On July 17 and July 22, the LAC Health Officer issued a revised Health Officer Order requiring the use of face masks in all indoor public settings.

Given the increase in transmission of COVID-19 and growing presence of the Delta variant, a mask mandate remains essential to slowing transmission.

Note that directives in Health Officer Orders must be followed when they are more stringent than CalOSHA Emergency Temporary Standards.

In addition to orders, LACDPH provides guidance (e.g. "should") and best practices that IHEs are encouraged to consider adopting.
LACDPh COMPLIANCE

REQUIREMENTS / RECOMMENDATIONS - PART 2

- It is recommended that the IHEs implement **asymptomatic COVID-19 testing program**. Testing at least once per week is recommended (especially for unvaccinated persons)

- **Strongly encourage** all faculty, staff, and students to get **fully vaccinated**

- Should support **case investigation, contact tracing, quarantining** as directed by LACDPh
LACDPH COMPLIANCE

CORONAVIRUS TELEBRIEFING UPDATES FOR IHES

- Participate in **monthly telebriefings** that are hosted for all Institutions of Higher Education (IHEs) in Los Angeles County.

- Calls are facilitated by **Dr. Barbara Ferrer** and **Dr. Robert Gilchick**.

- Become aware of **upcoming health orders**, how they align with existing guidance, and receive **data** on case numbers.

- Learn what **other IHEs** are doing with respect to COVID-19 **safety protocols**.
LACDPh COMPLIANCE

MONITORING GUIDANCE OF OTHER PUBLIC ENTITIES

- Centers for Disease Control (CDC)
- California Department of Public Health (CDPH)
- California Occupational Health and Safety Administration (OSHA)
- Chancellor's Office (CCCCO)
LACDPH COMPLIANCE

SUBMISSION OF POSITIVE CASE REPORTS

- Work with HR to obtain information on positive cases and close contacts
- Submit reports to the Office of Acute Cases Disease Control at LACDPH
- Field follow-up questions from investigators on case reports
- LACDPH determination of potential outbreaks that would be based on data from these case reports
"Pop-up" vaccine clinic to be held on campus in Lot C on Wednesday, September 1 from 12pm-4pm. It will be co-located with Grab and Go and will be open to the entire on- and off-campus community. Partnership with the Office of L.A. County Supervisor Hilda Solis and Curative (COVID-19 vaccine provider). Additional vaccine clinics targeting unvaccinated student population will be considered.
In response to the outbreak of COVID-19, the District organized a COVID-19 Task Force of 31 members that includes students, faculty, classified and administrators. The Task Force has been meeting monthly since March 2020.

The Task Force's central focus is on protecting the health and safety of students, faculty and staff; maintaining commitment to education and service; and preserving the District's academic, business, and administrative operations.
The COVID-19 Task Force is charged with:

- **Preparing for** and **managing** any possible impact on campus related to the coronavirus outbreak.
- Engaging in **planning** and **discussion** to share important updates.
- Reviewing the **District's pandemic protocols** and providing **guidance** and **communication** to members of campus community.
- Staying in frequent contact with State and local government, as well as the Los Angeles County Department of Public Health for the most current information, including the latest **guidelines and recommendations** for institutions of higher education.
COVID-19 TASK FORCE - ACCOMPLISHMENTS

- Nine (9) core team members of the Task Force were appointed to work with the COVID consultant, Forensic Analytical.

- Along with the consultant, the group conducted risk assessment walk-throughs on campus and identified six key areas for which safety guidelines were created: labs, library, classrooms, offices, Rio Café, transportation, and student services (visitors, restrooms, etc.).

- With the help of the consultant, specific (tailor-made) safety plans were developed for each of the six areas and these plans were replicated in other similar spaces on campus.
The consultant compiled COVID-19 Safety Practices/Guidelines for the campus community that can be updated per CDC and LA County regulations.

A reopening plan was developed and discussed at a number of meetings. Issues specifically addressed include: vaccination options, mask mandates, effect of vaccination mandates on student enrollment, etc.

The COVID-19 Task Force extensively discussed and recommended a vaccine mandate for all students, faculty, and staff at the July 21, 2021 meeting.
As the District continues to address challenges and plan for future phases of the pandemic, the Task Force will focus on critical areas impacting students, faculty, and staff to establish the necessary infrastructure and processes (consistent with public health and scientific guidelines) to uphold health and inform a plan for full return to campus.

The District remains optimistic for a limited return in Fall 2021 and maybe a full reopening Spring 2022 in line with the latest directives and guidelines from the Governor and public health authorities.

We are also planning for a variety of scenarios if circumstances or guidance from the Governor and public health authorities change and a reassessment is needed prior to Spring 2022.
FACILITIES UPDATE - CLASSROOM SUPPLIES

- 2-3 filled spray bottles per classroom
- Minimum of 1 paper towel dispenser per classroom
- Boxes of face masks
- Manual hand sanitizer
FACILITIES UPDATE - IMPROVEMENT OF PHYSICAL SPACE

INSTALLING PLEXIGLASS SHIELDS IN CLASSROOMS AT FACULTY WORKSTATIONS

ADDITIONAL BARRIERS AT LEARNING RESOURCE CENTERS & LIBRARY

UPDATED SIGNAGE IN CLASSROOMS, ELEVATORS, & PUBLIC SPACES
COVID-19 SAFETY PRECAUTIONS

FACE MASK REQUIRED
AT ALL TIMES
Indoors and Outdoors

CLASSROOM PHYSICAL DISTANCING
Please Keep
3 FEET APART

PLEASE PRACTICE PHYSICAL DISTANCING
Outside Classrooms
6 FEET APART

NO CONGREGATING IN GROUPS
Indoors and Outdoors
• No congregating in groups indoors
• No congregating in groups greater than 5 outdoors while maintaining physical distancing and wearing masks.

LET’S WORK TOGETHER FOR A SAFE CAMPUS
For more information visit
http://www.riohondo.edu/covid/

MC08.17.21
COVID-19
Elevator Guidelines

Please limit elevator occupancy to 2 PEOPLE AT A TIME.
Everyone is required to wear face masks.

Face Covering Required.

Physical Distancing

LET’S WORK TOGETHER
FOR A SAFE CAMPUS

For more information: www.cdc.gov/COVID19
FACILITIES UPDATE - IMPROVEMENT OF PHYSICAL SPACE

- Electrostatic sprayer to disinfect classrooms after use
- Touchless restrooms with hands-free soap & paper towel dispensers
- Installing ionization
Prior to COVID-19, schools used MERV 8s and MERV 11s. This chart shows how much more the MERV 13s pick up in the air stream.
Classrooms, athletic facilities, hallways, offices, etc. (all buildings on main campus and at educational centers) will have ionization connected to their A/C units.
FACILITIES UPDATE - GPS-IMOD TEST RESULTS

Our NPBI Process

GPS’ NPBI technology works to safely clean the air inside commercial and residential buildings. The patented technology uses an electronic charge to create a plasma field filled with a high concentration of + and - ions. As these ions travel with the air stream they attach to particles, pathogens and gases. The ions help to agglomerate fine sub-micron particles, making them filterable. The ions kill pathogens by robbing them of life-sustaining hydrogen. The ions breakdown harmful VOCs with an Electron Volt Potential under twelve (eV<12) into harmless compounds like O₂, CO₂, N₂, and H₂O. The ions produced travel within the air stream into the occupied spaces, cleaning the air everywhere the ions travel, even in spaces unseen.

3rd Party Testing Summary

<table>
<thead>
<tr>
<th>Pathogen</th>
<th>Time in Chamber</th>
<th>Kill Rate</th>
<th>Test Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuberculosis</td>
<td>60 minutes</td>
<td>69.09%</td>
<td>EMSL</td>
</tr>
<tr>
<td>Clostridium Difficile</td>
<td>30 minutes</td>
<td>86.87%</td>
<td>EMSL</td>
</tr>
<tr>
<td>Norovirus</td>
<td>30 minutes</td>
<td>93.50%</td>
<td>ATS Labs</td>
</tr>
<tr>
<td>MRSA</td>
<td>30 minutes</td>
<td>96.24%</td>
<td>EMSL</td>
</tr>
<tr>
<td>Staphylococcus</td>
<td>30 minutes</td>
<td>96.24%</td>
<td>EMSL</td>
</tr>
<tr>
<td>Mold Spores</td>
<td>24 hours</td>
<td>99.50%</td>
<td>GCA</td>
</tr>
<tr>
<td>E.coli</td>
<td>15 minutes</td>
<td>99.68%</td>
<td>EMSL</td>
</tr>
<tr>
<td>Legionella</td>
<td>30 minutes</td>
<td>99.71%</td>
<td>EMSL</td>
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HUMAN CORONAVIRUS TESTING IN-PROGRESS
## FACILITIES UPDATE - IWave-C Test Results

### SARS-CoV-2 (Covid-19)

<table>
<thead>
<tr>
<th>Time in Chamber</th>
<th>Rate of Reduction</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 MINUTES</td>
<td>99.4%</td>
</tr>
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</table>

**INNOVATIVE BIOANALYSIS**

This test was run using the IWave-C (GPS-DM48-AC) in a test designed to mimic ionization conditions like that of a commercial aircraft's fuselage.

Based on viral titrations, it was determined that at 10 minutes, 84.2% of the virus was inactivated. At 15 minutes, 92.6% of the virus was inactivated, and at 30 minutes, 99.4% of the virus was inactivated.

### Human Coronavirus 229E

<table>
<thead>
<tr>
<th>Time in Chamber</th>
<th>Rate of Reduction</th>
</tr>
</thead>
<tbody>
<tr>
<td>60 MINUTES</td>
<td>90%</td>
</tr>
</tbody>
</table>

**ALG ANALYTICAL LAB GROUP**

This test was run in a test chamber in a lab setting with the Nu-Calgon IWave-R Air Purifier P/N 4900-20.

A petri dish containing a pathogen is placed underneath a laboratory hood, then monitored to assess the pathogen's reactivity to Needle Point Bi-polar Ionization (NPBI) over time. This controlled environment allows for comparison across different types of pathogens.
STUDENT SERVICES RE-ENGAGEMENT PLAN

WHAT WE'VE DONE

- Assessed and reviewed Student Services physical areas via *walk-throughs* with constituent groups
- Assessed and reviewed Student Services programs and *software platforms* used to *serve students online*
- Installed *plexiglass* in Admissions and Records, Financial Aid, and Counseling front counters
- Created *hybrid work schedules* for staff to serve students both online and in person
STUDENT SERVICES
RE-ENGAGEMENT PLAN

WHAT WE'RE DOING

In-person services for students starting Tuesday, August 17

- Mon-Thurs, 8am-5pm (hybrid work model if staffing permits); some offices will be open from 5pm-7pm for online services.

- Fridays, 8am-2pm in-person for first two weeks prior to the start of the term through Sept. 6. After Sept. 6, services will be online on Fridays.
STUDENT SERVICES
RE-ENGAGEMENT PLAN

WHAT WE’RE DOING

- **Communication** - Students will receive campus re-opening info. by Thursday, August 19 regarding Student Services operations

- **Personal Protective Equipment (PPE)** - Managers are working with Facilities to ensure PPE available in all areas

- **Welcome Tables** - Student Life and Student Success & Dream Center will staff lower and upper quad

- **Outreach and Recruitment** - Working with High Schools to provide in-person services; staff will have access to PPE mobile kits
STUDENT SERVICES
RE-ENGAGEMENT PLAN

WHAT WE WILL DO IN THE FUTURE

- **Study Spaces** - Preparing study and lab space locations (e.g. student union, transfer center lab, etc.)
- **Monitor** the **effectiveness** of the services on ground
- Establishing services for expanding the **health center**
- Meet with **student leadership** to gain insight into effectiveness of services
FALL 2021 ON-GROUND CLASSES

- Number of face-to-face **essential worker** sections - 84

- Number of face-to-face **standard** sections - 74

- **Enrollments** in face-to-face sections*
  - Essential Worker Disciplines - 2183
  - All Others - 2290

*Does not include late start cohort numbers

- Second eight-week session: 10/16 - 12/11 (109 sections total, 5 in-person)
FALL 2021 BUILDING UTILIZATION

- Admin Bldg - 5 rooms
- AJ Annex - 4 rooms
- Business Bldg - 11 rooms
- Campus Inn
- Health Science Trailers - 5 rooms
- Learning Resource Center - 7 rooms
- Music - 6 rooms
- PE - 3 rooms
- Science - 21 rooms
- Technology (CTE) - 9 rooms

**Athletic Facilities**
- Baseball Field
- Gym
- Pool
- Soccer Field
- Softball Field
- Tennis Courts
- Track
QUESTIONS?