



PAC Information Session for Instructors

August 16, 2021



Pandemic Academic Coordination Work Group

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Land Acknowledgement

"We respectfully acknowledge the University of Arizona is on the land and territories of Indigenous peoples. Today, Arizona is home to 22 federally recognized tribes, with Tucson being home to the O'odham and the Yaqui.

Committed to diversity and inclusion, the University strives to build sustainable relationships with sovereign Native Nations and Indigenous communities through education offerings, partnerships, and community service."



Housekeeping

- Please **mute** your audio when the presenters are presenting.
- **To ask questions live** during the session, please **submit your question in the Chat window** located on the bottom of Zoom page.
- The Chat function allows you to send chat messages to your colleagues in the meeting.
- The webinar Recording, the Q&A , and any presentation materials will be available after the webinar at <https://provost.arizona.edu/content/pac>



AGENDA

- Public Health Advisory Coronavirus Team (PHACT) Updates
- COVID-19 Mitigation Updates
- Academic Instruction Updates
- Central Classroom Updates
- Disability Resource Center (DRC) Updates
- Research Updates
- Questions & Discussion

Public Health Advisory Coronavirus Team (PHACT) Updates

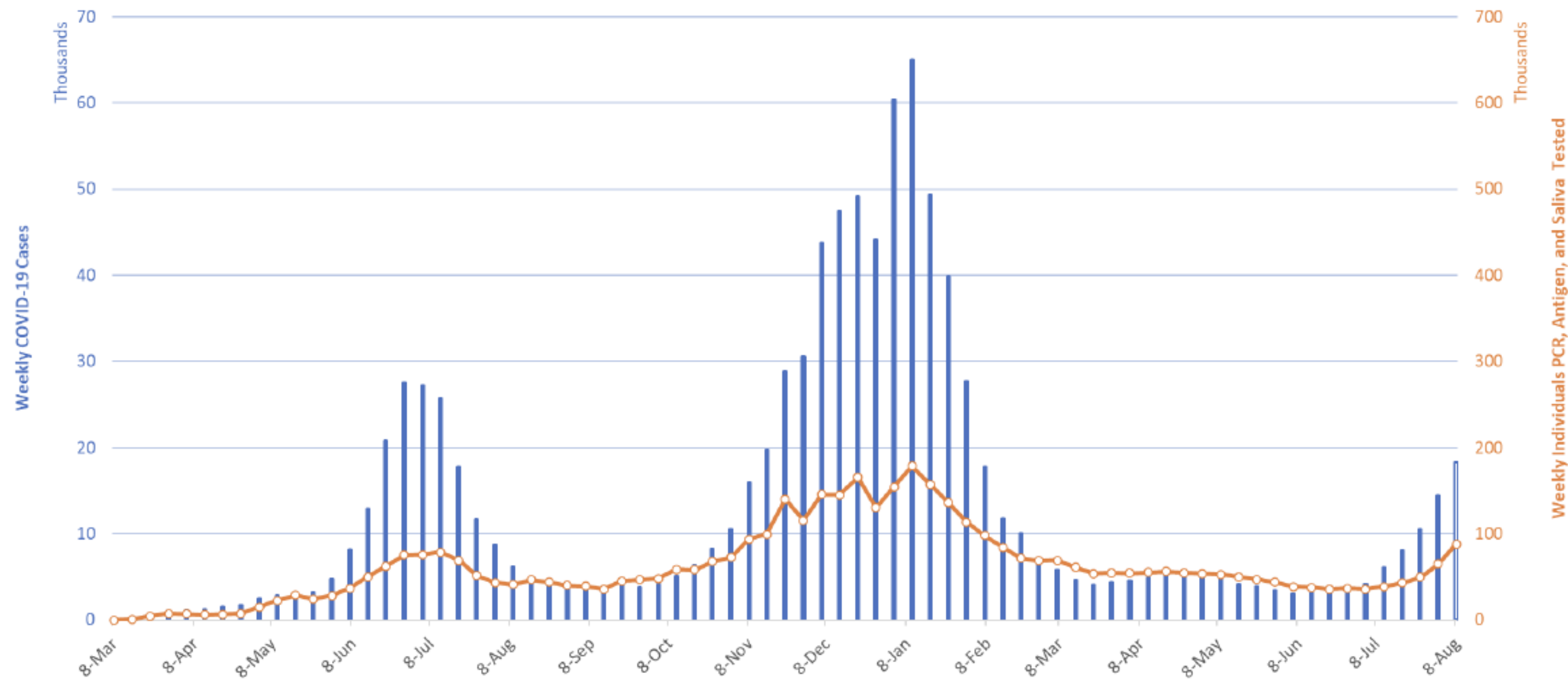


Figure 1. Newly Diagnosed Covid-19 Cases in Arizona and Number of Individuals Undergoing Covid-19 Diagnostic Testing March 1, 2020 through August 8, 2021.

Public Health Advisory Coronavirus Team (PHACT) Updates

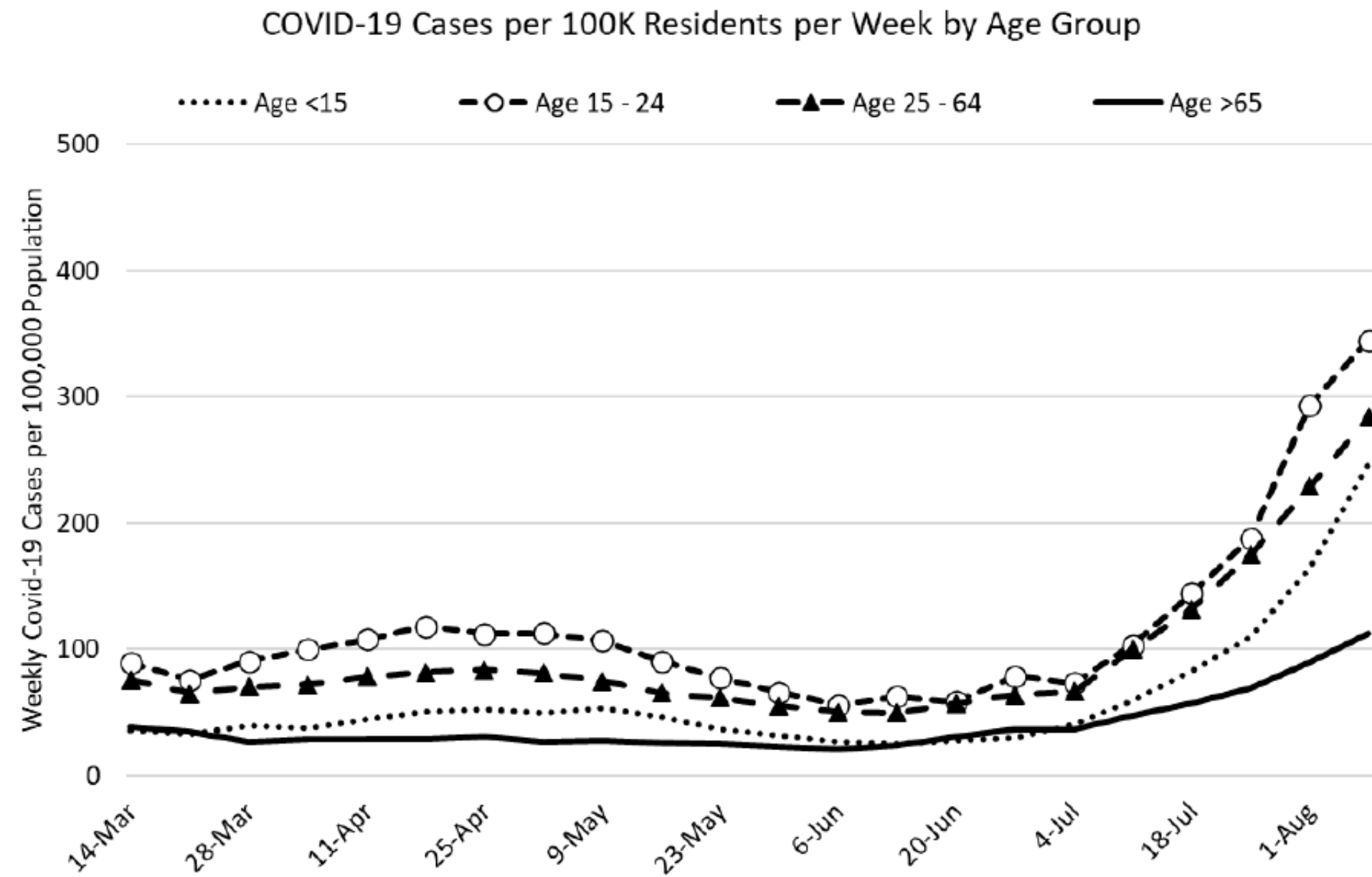


Figure 2a. Newly Diagnosed Covid-19 Cases in Arizona by Age Group March 7 – August 8, 2021.

COVID-19 Mitigation Updates

Face masks will be required in all spaces with designated signage.

- **Campus leaders will decide on the spaces and post signs.**

Expect signage;

- In classrooms, lab, etc.
- In any building/facility that is operated by or affiliated with the University where patients or human research subjects participating in clinical research are seen in person
- In locations where personal protective equipment (including masks) has always been required to maintain safety protocols for situations with high hazards, such as areas where regulated chemicals are used or stored and other laboratory settings
- Inside a Cat Tran shuttle or any other public transportation provided by the University



MASK UP

**FACE COVERINGS
ARE REQUIRED**

**EVERYWHERE YOU SEE THIS
SIGN**



**MASKS
REQUIRED IN
THIS SPACE**



<https://covid19.arizona.edu/>



MASK UP

**FACE COVERINGS
ARE STRONGLY
RECOMMENDED**

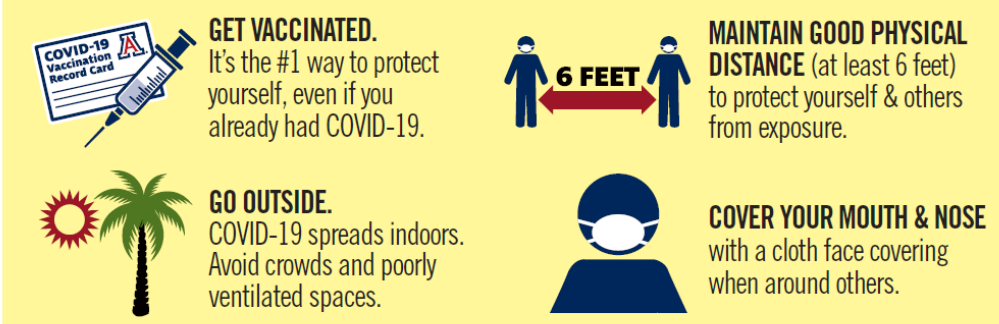
**EVERYWHERE YOU SEE THIS
SIGN**



COVID-19 Mitigation Updates

- See www.covid19.arizona.edu for daily updates.
- Remind students & staff of campus mask requirements.
- Do not ask students & staff their vaccine status.
- All students and faculty are asked to [upload vaccination cards](#) to UA portal, which is linked to prizes.
- Emphasize the layered (i.e., "Swiss cheese" approach): Mitigation strategies work in combination
 - Vaccination + Mask use indoors + Ventilation + Distancing + Disinfection + Hand hygiene
- Community norming: **"We are Wildcats and we look out for each other and those in our communities"**

PREVENTION IS KEY.
Prevent the spread of Coronavirus (COVID-19)



GET VACCINATED.
It's the #1 way to protect yourself, even if you already had COVID-19.

MAINTAIN GOOD PHYSICAL DISTANCE (at least 6 feet) to protect yourself & others from exposure.

GO OUTSIDE.
COVID-19 spreads indoors. Avoid crowds and poorly ventilated spaces.

COVER YOUR MOUTH & NOSE with a cloth face covering when around others.

Additional info and updates:
HEALTH.ARIZONA.EDU • COVID19.ARIZONA.EDU

Waiting to get your COVID-19 vaccine?


It's not too late!

COVID-19 vaccines are **safe, effective, and free.**

COVID-19 Vaccination Record Card

COVID Mitigation: Specific Actions You can Take

- Strongly encourage regular testing!
 - Campus offers free, fast and friendly testing on campus.
 - See covid19.arizona.edu.
- Speak to your building manager if you;
 - Find outdated signage.
 - Need disinfectant, hand sanitizer, or disposable masks.
- Encourage all to answer calls from contact tracers.
- Promote the use of the COVID Watch App.



COVID-19 Symptoms and Prevention

Your safety and well-being is our priority.

IF YOU FEEL SICK

- **Stay home:** people who are mildly ill with COVID-19 are able to **self-quarantine at home** during their illness.
- Monitor your symptoms and seek emergency care immediately if your illness is worsening (e.g., difficulty breathing, inability to stay awake, bluish lips or face). If seeking medical care, call the doctor's office or emergency room ahead and tell them about your symptoms.
- **Campus Health** offers testing for COVID-19 – **please call (520) 621-9202 before you come in.**
 - Campus Health is testing individuals who are concerned that they are infected with or have been exposed to COVID-19.
 - Campus Health testing is only students, staff, and faculty of the University at this time.
 - Campus Health providers will evaluate patients and order testing if appropriate.
 - **Campus Health offers both PCR and Rapid Antigen Testing.**
 - **Antibody testing is available**
- **Find out more from the CDC: What To Do If You Are Sick**

SYMPTOMS

According to the CDC, people with COVID-19 have had a wide range of symptoms reported – ranging from mild symptoms to severe illness. Symptoms may appear **2-14 days after exposure to the virus**. People with these symptoms may have COVID-19:

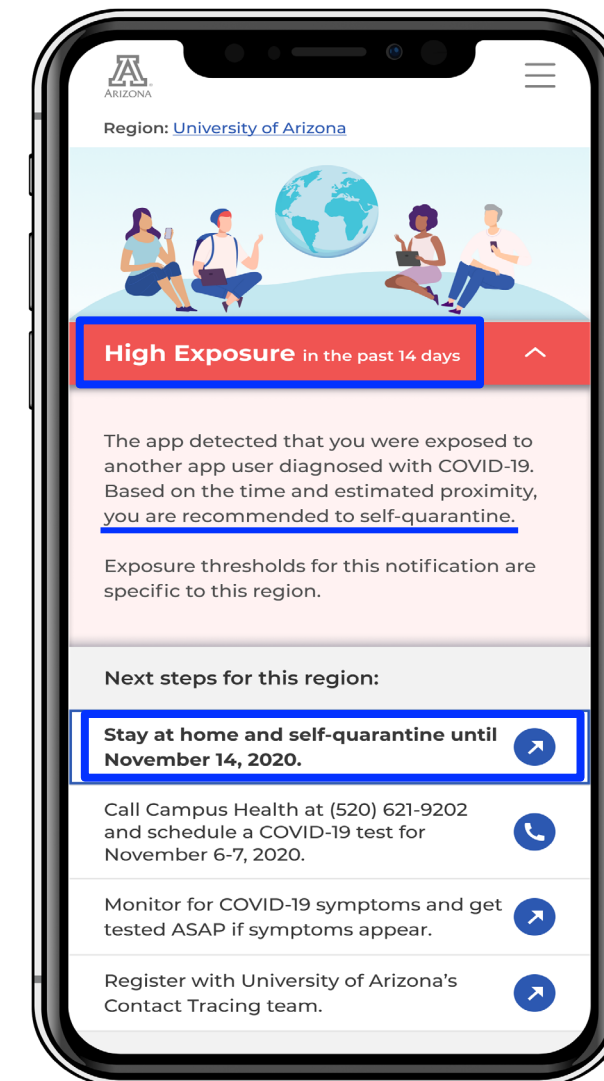
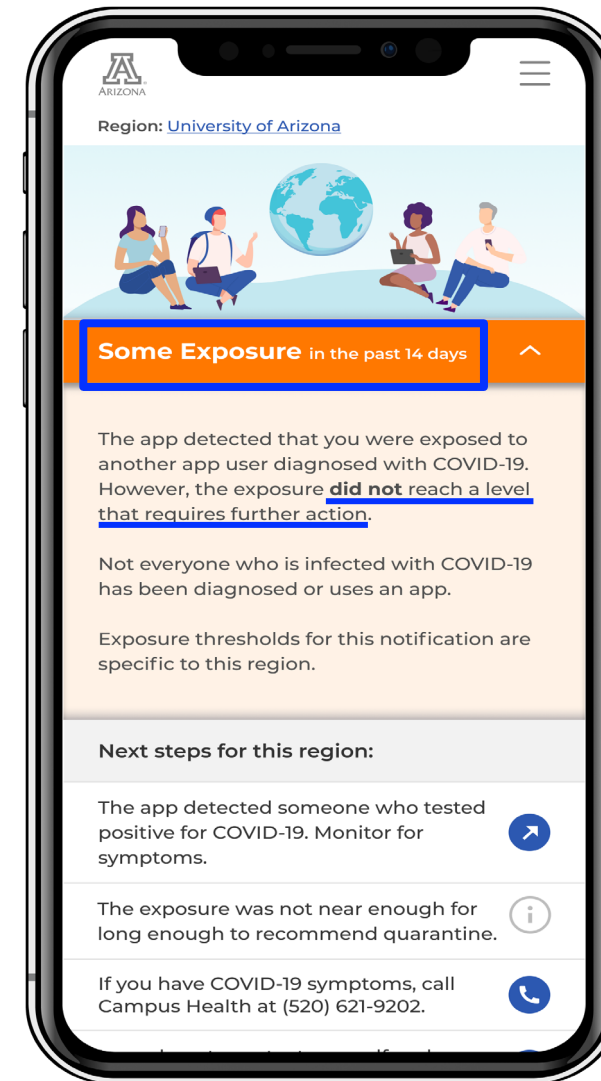
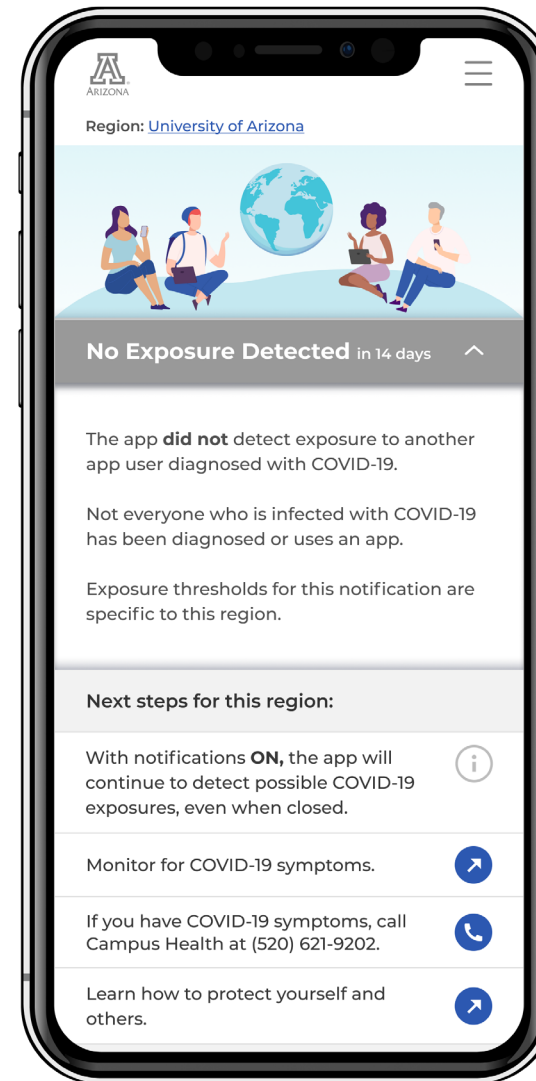
• Fever or chills	• Muscle or body aches	• Congestion or runny nose
• Cough	• Headache	• Nausea or vomiting
• Shortness of breath or difficulty breathing	• New loss of taste or smell	• Diarrhea
• Fatigue	• Sore throat	

This list does not include all possible symptoms. Check the **updated CDC list of symptoms** for more information.

PROTECT YOURSELF & OTHERS

COVID WATCH

- Download the app from Google Play or the App Store and activate Bluetooth
- Anonymously notifies close contacts if you test positive.
- Alerts you if if you've been exposed.



Q. A student in my class is refusing to wear a mask or face covering. What should I do?

A: Ask the student to have a conversation outside the classroom and talk to the student in a firm, polite, and compassionate manner, apprising them of their obligation to comply with the face covering requirement in the classroom to protect the health of everyone. If the student refuses, you may inform them that failure to comply will result in students being asked to leave the classroom and / or other disciplinary actions, including possibly being dropped from this class.

Do not allow students to be present in your classroom without a mask for any substantive period of time.

Important: please file a “Face Covering Compliance” report to the [Dean of Students](#) about the incident, so that students across campus who are persistently creating challenges to the mask requirement can be quickly addressed.

Q. What should I do if I test positive for the COVID-19 virus?

A: If you test positive, please follow the [steps recommended by Campus Health](#) to self-isolate, seek treatment, and report to [SAFER](#). If you feel well but must isolate, discuss options to teach remotely or pre-record course lectures with your supervisor or program director. If you become ill and are unable to teach your class, as for any situation when an instructor is unable to perform their duties for a time, the department, in consultation with the instructor, will be responsible for determining how to handle the situation, including rescheduling or finding a temporary replacement.

Q. If a student is showing respiratory symptoms in class, can I ask them to go home?

A: No. Because most of the **symptoms of COVID-19** overlap with the symptoms of a great number of other conditions (including, for example, seasonal allergies), you should not attempt to make a diagnosis based on apparent symptoms. You may periodically remind students that they should stay home if they are ill. However, please remember also that most symptomatic individuals (e.g. 80% - 95%) who are tested for COVID-19 do not receive a positive result. ***Accordingly, no individual should be assumed to be infected with COVID-19 on the basis of apparent symptoms.***

Academic Instruction

- All classes are to operate in the modality published in the Schedule of Classes.
- Students who wish to learn remotely should register for online sections.
- Decisions about significant changes in the schedule of classes must be approved by the Provost.
- Please contact your department head to discuss any concerns.
- Departments and employees can contact the following units for support, if needed:
 - DRC to explore requests for health / disability -related accommodations.
 - HR to discuss concerns about caretaking.

Academic Instruction

- Academic Instruction Resources are regularly updated online: <https://provost.arizona.edu/content/academic-instruction-resources>
- Instructors may provide office hours either in-person and/or remotely.
- International Student Services has provided updates on [Fall 2021 and Spring 2022 Immigration Guidance](#).
- NEW FERPA Training is available in [Edge Learning](#), and must be completed by all instructors before Oct 4 (20-30 minutes).

Central Classroom Updates

- Classroom density will return to *mostly* pre-pandemic levels for Fall 2021, with some modifications.
- In the lecture halls with fixed seating, capacities were not adjusted
- We will update classroom layouts and pictures online - see: <https://ctsrooms.arizona.edu>



Central Classroom Support



We are introducing a NEW centrally-scheduled classroom support model starting in Fall 2021.


520 621 3852 is now a one-stop helpline for reporting *any* central classroom problem or issue:

- ✓ Computer or tech issues
- ✓ Schedule a technology walk-through in the classroom
- ✓ Furniture, AC, custodial problems, etc.



Q: If the infection rate increases in our community, may I decide to transition my class to remote teaching?

A: No. Any university-wide decisions about changes in teaching operations will be made by University leadership in consultation with public-health authorities. Academic unit leaders are responsible for teaching courses in the modality indicated to students in the published Schedule of Classes.



Q: Would I be allowed to move my classes outside, provided that the class content was delivered in a way to make this reasonable?

A: No. Although moving outside might work well for some students, it is likely to adversely impact others. It is important to consider the impact of classroom technology, accessibility, and temperature extremes of outdoor locations, especially for those with accessibility concerns.



THE UNIVERSITY OF ARIZONA
FACILITIES MANAGEMENT

APPA AWARD FOR EXCELLENCE
RECIPIENT 2013-23



Award For Excellence In 2013 Facilities Management
Presented By Appa To The University Of Arizona Facilities Management

What Has UArizona Done to Prepare Campus for Re-Entry?

- Ramped up cleaning and disinfecting beginning in January 2020 .
- Use of Oxivir cleaner, which kills the COVID-19 virus.
- Adherence to CDC guidelines to ensure the health and safety of the campus community.
- Trained members of our Custodial Staff on COVID isolation, cleaning, including PPE and proper cleaning techniques.
- Centralized PPE purchasing and storage for the campus.
- Our Small Engine Shop has been converted to a disinfecting station, filling and replacing thousands of bottles of disinfectant to share across campus.
- Established Isolation Dorms and student isolation transportation.
- Campus Health provides voluntary vaccinations and COVID-19 testing for symptomatic cases.
- Student Union houses COVID-19 testing.

Preparing Campus for near-normal operations

To Date:

- 2,000 Sneeze Guards installed
- Signage installed in 100 buildings
- 1,530 Wall Mounted Hand Sanitizers installed
- 2,350 Touch-Free Paper Towel Dispensers installed
- 1,310 Toilet Seat Covers installed
- 8,000 MERV Filters installed

COVID Clean Ups – July/August 2020 vs. July/August 2021

Date	# of COVID Cleans	# of Dorm Cleans
7/2/2020	4	0
7/3/2020	1	0
7/5/2020	2	0
7/6/2020	2	0
7/7/2020	3	0
7/8/2020	2	0
7/9/2020	4	0
7/10/2020	2	0
7/11/2020	1	0
7/13/2020	4	0
7/14/2020	2	0
7/16/2020	1	0
7/17/2020	1	0
7/20/2020	1	0
7/23/2020	4	0
7/24/2020	3	0
7/29/2020	1	0
7/30/2020	2	0
7/31/2020	1	0
TOTAL	41	0
8/2/2020	1	0
8/4/2020	2	0
8/5/2020	3	0
8/6/2020	1	0
8/7/2020	1	0
8/9/2020	1	0
8/13/2020	3	0
8/18/2020	1	0
8/19/2020	3	0
8/20/2020	2	0
8/21/2020	1	0
8/24/2020	1	0
8/25/2020	1	0
8/26/2020	3	0
8/27/2020	6	0
8/31/2020	1	0
TOTAL	31	0

Date	# of COVID Cleans	# of Dorm Cleans
7/1/2021	2	0
7/15/2021	1	0
7/23/2021	1	0
7/26/2021	1	0
7/28/2021	1	0
7/29/2021	2	0
8/1/2021	1	0
8/2/2021	1	0
8/3/2021	3	0
8/5/2021	1	0
8/9/2021	1	0
8/10/2021	1	0
TOTALS	16	





The **American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)** Founded in 1894, is a global professional society with over 57,000 members that are committed to serve humanity by advancing the arts and sciences of heating ventilation, air conditioning, refrigeration and their allied fields.

As an industry leader in research, standards, writing, publishing, certification and continuing education, ASHRAE and its members are dedicated to promoting a healthy and sustainable built environment for all, through strategic partnerships with organizations in the HVAC&R community and across related industries.

Classroom Air Change Review

Reference Row #	Classroom Data Received from UA				Analysis														
	Building	Descr	Room		Year of Original Construction	Room SF	Room Height (Ft)	Room Volume (CF)	Room Supply Air CFM	Total CFM/SF	Outside Air CFM/SF	AHU Name, DWG Year	AHU Total Supply Air CFM	AHU Outside Air CFM	AHU Outside Air %	Total Supply Air Changes/Hr [[Room Supply Air] x 60 / (Room Volume)]	Outside Air Changes/Hr [[Total Air Changes/Hr] x (AHU Outside Air %)]	Air Changes/Hr (Equivalent. Includes MERV 13 efficacy factor for recirculated air)	Pro-Rated Occupancy Limit (Baseline: 6 Air Changes/Hr Min)
1	17	Student Union Memorial Center	252		2001	700	13	9,100	-	-	-	-	-	-	-	-	-	-	-
2	17	Student Union Memorial Center	256		2001	834	13	10,842	-	-	-	-	-	-	-	-	-	-	-
3	17	Student Union Memorial Center	264		2001	845	13	10,985	-	-	-	-	-	-	-	-	-	-	-
4	75	Architecture	A304X		1965	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	89.01	Mathematics Teaching Lab	120		1998	131	9	1,179	-	-	-	-	-	-	-	-	-	-	-
6	89.01	Mathematics Teaching Lab	124		1998	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	77	Gould-Simpson	228A		1985	1,051	9	9,459	14,840	14.1	0.56	Robert Unit & Fan-1	13,345	525	4%	94.1	0.5	80.1	100%

What is MERV?

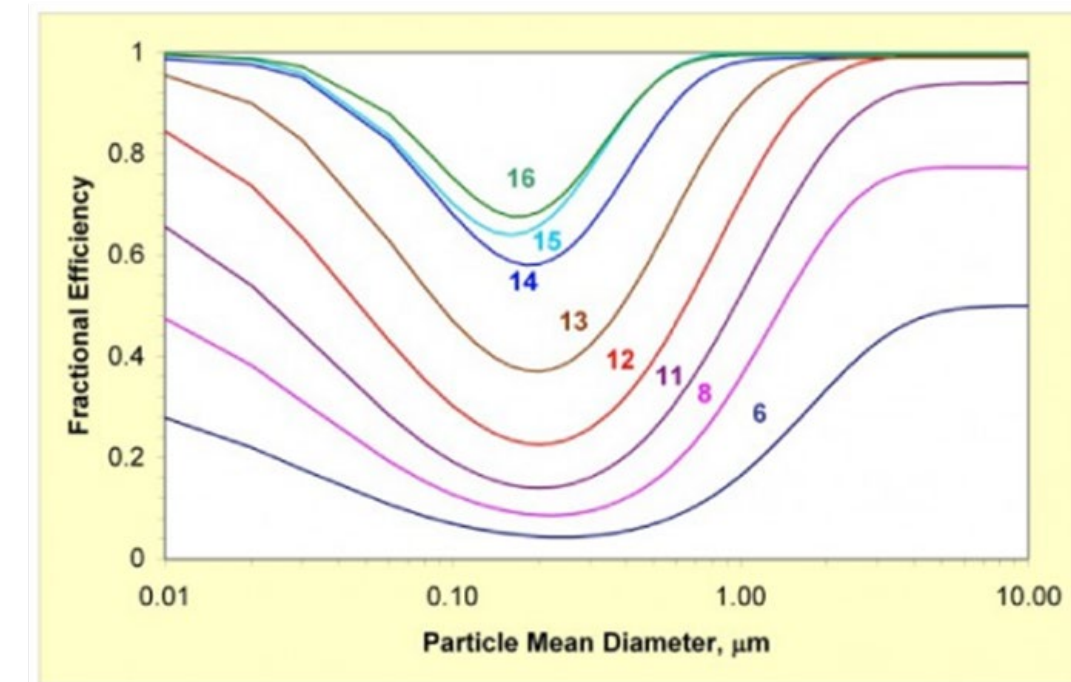
Minimum Efficiency Reporting Value, commonly known as MERV, is a measurement scale designed in 1987 by the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) to report the effectiveness of air filters in more detail than other ratings.

Basically, the higher the MERV rating, the higher the air filtration capabilities of a particular filter.

MERV ratings range from 1 to 20, with 1 being the lowest level of filtration, and 20 being the highest.

Filters that are MERV 16 through 20 are usually only found in hospitals, cleanrooms, and nuclear power plants. The home air filters you're looking for are rated anywhere between MERV 5 and 13.

MERV
Minimum Efficiency
Reporting Value



Strong

MERV 8



Dust



Pollen

Pollen	✓
Dust/Lint	✓
Dust Mites	✓
Debris	✓
Pet Dander	✓
Mold Spores	
Car Fumes & Smog	
Tobacco Smoke	
Smoke	
Bacteria	
Virus Carriers	
Microscopic Allergens	

Stronger

MERV 11



Dust



Pollen



Smog

Pollen	✓
Dust/Lint	✓
Dust Mites	✓
Debris	✓
Pet Dander	✓
Mold Spores	✓
Car Fumes & Smog	✓
Tobacco Smoke	
Smoke	
Bacteria	
Virus Carriers	
Microscopic Allergens	

Strongest

MERV 13



Dust



Pollen



Smog



Bacteria

Pollen	✓
Dust/Lint	✓
Dust Mites	✓
Debris	✓
Pet Dander	✓
Mold Spores	✓
Car Fumes & Smog	✓
Tobacco Smoke	✓
Smoke	✓
Bacteria	✓
Virus Carriers	✓
Microscopic Allergens	✓

ASHRAE EPIDEMIC TASK FORCE

Core Recommendations for Reducing Airborne Infectious Aerosol Exposure in Buildings

1. Follow public health guidelines
2. Increase ventilation, filtration, and air cleaning
3. Air distribution: promote mixing of space air without causing strong air currents
4. HVAC Operations: maintain temperatures, humidity, and clean air supply
5. Verify that HVAC systems are functioning as designed

Source: <https://www.ashrae.org/file%20library/technical%20resources/covid-19/core-recommendations-for-reducing-airborne-infectious-aerosol-exposure.pdf>

Steps taken by FM to Reduce Covid Exposure via HVAC Systems

- Monitored and implemented guidance coming from the CDC, WHO, ASHRAE, etc.
- Evaluated all campus air handlers to ensure proper operations
- Evaluated and documented the air changes per hour in all classrooms
- Increased ventilation to maximize fresh air entering our buildings
- Increased air filtration levels to MERV 13 in all major air handlers
- Continue to service all campus air handlers on a quarterly schedule
- Purchased desktop carbon dioxide (CO2) monitors* and HEPA filtered air scrubbers which are available for use in areas with lower air changes per hour

*CO2 monitors indicates the level of exhaled air in a room – and may serve as a proxy indicator for the risk of Covid-19 virus particles spread through aerosols, if infected individuals are present.

Disability Resource Center (DRC) Updates

DRC staff are available to collaborate and facilitate access in class and work settings for both students and employees.

Work Related Requests:

- We recognize that some individuals may have health-related conditions that may require workplace adjustments for the fall.
- We strongly encourage employees to first discuss potential temporary or modified work arrangements with their manager/supervisor.
- If needed, employees may connect with the DRC to explore requests for accommodations at workplaceaccess@arizona.edu or 520-621-3268.
- Employees who would like to explore options due to their caregiver status or concerns for family members who are at risk for COVID should talk with their supervisor or reach out to HR.

Disability Resource Center (DRC) Updates

Academic-Related Requests:

- Students not yet affiliated with DRC can get connected at <https://drc.arizona.edu>
- DRC-Testing
Open with a reduced capacity for proctoring in-person exams when accommodations cannot be provided by the instructor.
- Contact us at drc-info@arizona.edu

Q: I have a disability or medical condition; how can I request adjustments to my in-person teaching responsibilities?

A: We are delivering the majority of classes in-person to provide students with rich learning environments, research opportunities, and a sense of community and connection. We recognize that some individuals may have health-related conditions that may require workplace adjustments due to the pandemic. We strongly encourage employees to first discuss potential temporary modified work arrangements with their manager/supervisors. If needed, employees may connect with the Disability Resource Center (DRC) to explore requests for accommodations at workplaceaccess@arizona.edu or 520-621-3268.

Q: A student not wearing a mask or face covering says that they have a disability or medical condition. What should I do to accommodate them?

A: If students are concerned about wearing a face covering on the basis of their disability or medical condition, please ask them to consider the use of a clear mask or another option that offers a different design and promotes effective ease of use. View [face coverings and accessibility considerations](#) for more information.

Please ask the student to contact the DRC at DRC-info@arizona.edu or call 520-621-3268 to discuss a potential accommodation.



Q: Some students are asking for modifications based on their health situations. Are we expected to provide a hybrid format?

A: You are not required to provide a hybrid format. Students who need to attend remotely for more than a short period should register for courses scheduled in an online format. Students with particular health-related issues should be directed to work with DRC.

Research Updates

- Currently in modified Phase 5 <https://research.arizona.edu>
- Face coverings / masks continue to be required:
 - ✓ Where designated by signage.
 - ✓ Any building/facility that is operated by or affiliated with the University where patients or human research subjects participating in clinical research are seen in person.
 - ✓ In locations where personal protective equipment (including masks) has always been required to maintain safety protocols for situations with high hazards, such as areas where regulated chemicals are used or stored and other laboratory settings.
- New Conflict of Interest required training launched, in EDGE Learning.
- New research systems:
 - ✓ eIRB: September 2021 implementation
 - ✓ UAccess Research Upgrade: After eIRB

Instructor FAQ

<https://covid19.arizona.edu/instructor-faq>

Recording and Slides

<https://provost.arizona.edu/content/pac>

**3 SIMPLE
STEPS TO
KEEP EACH
OTHER SAFE**

BEAR DOWN and...

1 MASK UP

2 VAX UP

3 GET TESTED



Thank you!

QUESTIONS & DISCUSSION