Research Virtual Town Hall

Monday, January 10, 2022
2–3 p.m.
(The Meeting is Being Recorded for Posting Online)
1. Campus News
2. Dr. Kelly Frick, Student Health Services
3. COVID-19 & Research Updates
4. Questions – Zoom Q&A

Submit your questions using the Zoom Q&A Function
Professor Tiffany Barber is driving research at the intersection of art history and the study of Black life that is yielding fresh, new perspectives for interpreting Black representation in visual art, performance and film.

Professor Curtis Johnson is pioneering a new technique to examine brain stiffness and how it relates to cognitive loss and diseases like Alzheimer’s.
The newest class of Delaware Environmental Institute (DENIN) Fellows includes, from left to right, Sean Fettrow, Vanessa Richards, Max Huffman, Lauren O’Connor, Hayden Boettcher, Paula Cardenas-Hernandez and Andrew Hill. Not pictured: Mary Hingst.
Federal funding agencies have distinct requirements as to who needs to complete RCR training. **It is the responsibility of faculty and PIs to ensure that all personnel funded by their project(s) and required to complete RCR training do so in a timely manner consistent with the applicable agency policy.**

Co-sponsored by the Research Office and Graduate College
Dr. Kelly Frick
Interim Director
Student Health Services
• UD first noted Omicron cases in mid-late December
  – Overwhelming majority of our positive surveillance tests last week were consistent with Omicron
• R₀ of 10, meaning each person who has Omicron spreads it to 10 other people
  – This is comparable to Varicella (Chicken pox) and approaching Measles (13-17)
• There are a lot of people who have tested + for COVID (Omicron) in the past 14 days...
  – I’m sure you know of at least 10 in your own circle
Omicron

- Faster replication in upper airways (nasopharynx) compared to lower airways (bronchi / lung parenchyma)
- Disease severity is likely less than Delta. But the massive volume of people with Omicron will drive hospitalizations / death.
  - Hospitalizations will peak ~14 days after the peak of new cases
  - Deaths will peak ~21 days after the peak of new cases
Updates on COVID-19 transmission

- Less emphasis on shared surfaces
- Much more emphasis on shared air

Mask  Distance
UD Mitigation Strategies – Winter Session

- Vaccine/Booster requirement for students (1/24/2022)
- De-densified residence halls
  - ~900 students living on campus
  - Only 102 have roommates
- Quarantine and Isolation Housing still available
- Dining Halls - Grab-and-Go
  - Indoor eating not permitted
- Little Bob adjustments
  - Basketball and racquetball courts closed
UD Mitigation Strategies – Winter Session

• Testing availability
  – Asymptomatic – UD Surveillance sites (M-Th)
    • PCR testing
    • Able to detect Spike gene drop out, which is suggestive of
    • Lab results available within 24-36 hours
    • Results flow automatically into the UD Health Portal
  – Symptomatic (Students only) – Student Health Services
    • Rapid molecular testing
    • PCR testing
Masks reduce airborne transmission

Infectious aerosol particles can be released during breathing and speaking by asymptomatic infected individuals. No masking maximizes exposure, whereas universal masking results in the least exposure.
What protects against COVID-19 infection or transmission?

**Intervention**

**Physical distancing**
For every metre further away in distancing, the relative effect might increase.

**Face masks**

**Chance of infection or transmission**

<table>
<thead>
<tr>
<th>Without intervention</th>
<th>With intervention</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Less than 1m distancing</strong></td>
<td><strong>1m or more distancing</strong></td>
</tr>
<tr>
<td>12.8%</td>
<td>2.6%</td>
</tr>
</tbody>
</table>

Certainty of evidence: Moderate

<table>
<thead>
<tr>
<th>Without masks or respirators</th>
<th>With masks or respirators</th>
</tr>
</thead>
<tbody>
<tr>
<td>17.4%</td>
<td>3.1%</td>
</tr>
</tbody>
</table>

Certainty of evidence: Low

Reference

Table 1. Time to Infectious Dose for an Uninfected Person (Receiver)*

<table>
<thead>
<tr>
<th>Receiver is wearing (% inward leakage)</th>
<th>Nothing</th>
<th>Typical cloth mask</th>
<th>Typical surgical mask</th>
<th>Non–fit-tested N95 FFR</th>
<th>Fit-tested N95 FFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Source is wearing (% outward leakage)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nothing</td>
<td>100%</td>
<td>75%</td>
<td>50%</td>
<td>20%</td>
<td>10%</td>
</tr>
<tr>
<td>Typical cloth mask</td>
<td>15 min</td>
<td>20 min</td>
<td>30 min</td>
<td>1.25 hr</td>
<td>2.5 hr</td>
</tr>
<tr>
<td>Typical surgical mask</td>
<td>75%</td>
<td>26 min</td>
<td>40 min</td>
<td>1.7 hr</td>
<td>3.3 hr</td>
</tr>
<tr>
<td>Non–fit-tested N95 FFR**</td>
<td>50%</td>
<td>40 min</td>
<td>1 hr</td>
<td>2.5 hr</td>
<td>5 hr</td>
</tr>
<tr>
<td>Fit-tested N95 FFR</td>
<td>20%</td>
<td>1.25 hr</td>
<td>1.7 hr</td>
<td>2.5 hr</td>
<td>6.25 hr</td>
</tr>
<tr>
<td></td>
<td>10%</td>
<td>2.5 hr</td>
<td>3.3 hr</td>
<td>5 hr</td>
<td>12.5 hr</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>25 hr</td>
</tr>
</tbody>
</table>

*The data for % inward and outward leakage of cloth and surgical masks were derived from a study by Lindsley et al (2021). Data for non–fit-tested N95 FFRs come from a study by Brosseau (2020). Data for fit-tested N95 FFRs are derived from the OSHA-assigned protection factor of 10 for half-facepiece respirators. Also, times were established before wide circulation of the more transmissible Delta variant.

**FFR = filtering facepiece respirator; N95 = not oil-proof, 95% efficient at NIOSH filter test conditions
DE COVID-19 Updates
State of Delaware Statistics

Data reported 1/10/22

DE Positivity Rate
28.3%
(12/13/21: 9.2%)
State of Delaware Current Hospitalizations

- Current Hospitalizations (Statewide)
- Trend Line

Date: Dec 26, Dec 27, Dec 28, Dec 29, Dec 30, Dec 31, Jan 1, Jan 2, Jan 3, Jan 4, Jan 5, Jan 6, Jan 7, Jan 8

Values: 392, 447, 784
Campus (Asymptomatic) Surveillance Testing. 729/6048 = 12%
COVID-19 Risk Mitigation

- Health screening
- Physical distancing
- Hand washing
- Masks
- Testing
- Contact tracing
- Isolating/Quarantining
- Vaccines/Boosters
Employee Vaccination

Employee vaccination mandate update

The Executive Order from the federal government requiring COVID-19 vaccine for all UD employees has halted as decisions play out in the federal courts.

All coronavirus health and safety protocols remain in place.

Goal: To keep campus safe by immunizing as many people as possible.
Safeguard Your Health

Get vaccinated against COVID-19 or get a booster shot.

Upload your COVID-19 vaccination card. Upload again once you receive the booster. UD Health Portal

Get the flu vaccine. Employees visit vaccines.gov to find and schedule a flu shot; students can go to Student Health Services
I tested positive for COVID-19

Anyone who receives positive COVID-19 test results at a non-UD testing site is required to upload their results to the UD Health Portal.

You must isolate for a minimum of 7 full days.

The day of symptoms onset or a positive test is Day Zero. On the morning of your 8th day, if you have not had a fever for 24 hours and your other symptoms have improved or resolved, you may end your isolation.

If your symptoms have not improved, you must continue isolation for up to 10 days.

Continue to wear a well-fitted face mask at all times.
How did UD decide on 7 Days?

CDC Guidance Shifts
14 days to 10 days To 5 days

WHAT PERCENT OF PEOPLE ARE CONTAGIOUS?
DAYS AFTER TESTING POSITIVE FOR COVID-19
Updated Masking Guidance

Given the high transmissibility of the Omicron coronavirus variant, UD requires a well-fitted mask worn properly, with specific recommendation of a **surgical mask** or **KN95** mask in accordance with mask instructions.

Masking required in all indoor locations *including instructors/speakers in classrooms*.

Not required for healthy students in their own residence room or individuals alone in an office/room with the door closed.
## I have been in close contact with someone who tested positive

<table>
<thead>
<tr>
<th>Vaccination Status</th>
<th>Recommended Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Vaccinated and Boosted</strong></td>
<td>No quarantine necessary; continue to properly wear a well-fitted face mask around others and monitor for symptoms for 7 days. It is recommended that you get tested 5 days after exposure.</td>
</tr>
<tr>
<td><strong>Vaccinated but not yet Eligible for Booster</strong></td>
<td>No quarantine necessary; continue to properly wear a well-fitted face mask around others and monitor for symptoms for 7 days. It is recommended that you get tested 5 days after exposure or when any symptoms develop.</td>
</tr>
<tr>
<td><strong>Vaccinated, Eligible for Booster, Not Yet Boosted</strong></td>
<td>You must quarantine for 7 full days and monitor for symptoms. Get tested 5 days after exposure, or when any symptoms develop. Continue to properly wear a well-fitted face mask at all times.</td>
</tr>
<tr>
<td><strong>Not Vaccinated with Exemption</strong></td>
<td>You must quarantine for 7 full days and monitor for symptoms. Get tested 5 days after exposure, or when any symptoms develop. Continue to properly wear a well-fitted face mask at all times.</td>
</tr>
</tbody>
</table>
Mandatory Testing

All students, faculty and staff who will be on the campus during Winter Session, regardless of vaccination status, were required to complete surveillance testing at UD testing sites during the week of Jan. 3, 2022. This pertains to all members of the UD community who are accessing any UD facility at any time during Winter Session.

If you are coming to campus later in the semester and have not tested, you are required to test within 5 days of returning to work.
Boosters

As previously announced, all students without an exemption are required to receive a booster by January 24, 2022 (or when eligible for a booster).

All faculty and staff are strongly encouraged to get the booster as soon as possible/eligible.

Upload Vaccination and Booster documentation – UD Health Portal.
Research Ramp-Up Phases

Click on each phase for more details. We are now reviewing PI request forms for Phase 3. If you already have campus access and are bringing additional coworkers on-site and/or accessing additional space you must submit a new Phase 3 request.

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**PHASE 0**

**BEGINNING PHASE**
- Essential Maintenance of Effort
- COVID-19 PPE Production

**THE RESEARCH COMMUNITY**

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**PHASE 1**

**TIMELINE JUNE**
- Time-Sensitive Research
- Some Field-Based Research

**10-15%**

**OF THE RESEARCH COMMUNITY**

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**PHASE 2**

**TIMELINE JUNE-JULY**
- Lab-Based Research
- Gradual Ramp-Up
- All Field Based
- Limited Human Subjects Work
- Studio Activities: Visual, Art, Design

**~33%**

**OF THE RESEARCH COMMUNITY**

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**PHASE 3**

**ACTIVE AUGUST**
- Further Research
- Gradual Ramp-Up
- Some In-Person Human Subjects

**~67%**

**OF THE RESEARCH COMMUNITY**

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**PHASE 4**

**TIMELINE TBD**
- New Normal
- All On-Campus Research Resumes

**85-100%**

**OF THE RESEARCH COMMUNITY**

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[https://research.udel.edu/covid-19-return-to-research/](https://research.udel.edu/covid-19-return-to-research/)
Winter Session Updates

Classes that were temporarily moved online for the first week are in-person effective today, Jan. 10th.

The free drop date for Winter Session classes has been moved to **January 28**, which is now the last day to drop a class with a full tuition refund, no grade and no “W” recorded on the transcript.

**January 28** is also the deadline for making a registration change to pass/fail or audit.

Students will still be responsible for meal plans and other fees.
Remote Work Continues

Remote work will continue for those offices where in-person interaction is not required.

Units that were considering moving to a more hybrid model early in 2022 have been asked to pause those plans for now.

In-person gatherings are strongly encouraged to shift to virtual modality.

Staff with questions should contact their supervisors.
Campus COVID-19 Testing

Testing limited to students, faculty and staff who are on-campus for Winter Session. Do not test more than once per week.

Mondays through Thursdays. Registration required. No walk-ups.


Pencader 115, 10 am–1:45 pm [https://udel.edu/book/universityofdelaware600](https://udel.edu/book/universityofdelaware600)
(Beginning Jan. 11th, Pencader testing moving to Clayton Hall)
Campus COVID-19 Testing

Testing for students, faculty and staff who are NOT on-campus for Winter Session.

PCR home test kit. If you are not a state of Delaware resident, you are permitted to use your UD work address upon registration.

https://coronavirus.delaware.gov/testing/home-test-kit/

Many pharmacies in the Newark area offer COVID-19 testing.
Search: https://coronavirus.delaware.gov/testing-events/?Filter=0&StartDate=2022-01-10&CurrentDate=2022-01-10&ContentProvider=0

Hudson State Service Center, 501 Ogletown Rd, Newark. Call ahead for details: 302-283-7570

Curative Pop-Up Trailers. Generally, the trailers are on campus Tuesdays at Conover Apartments, 97 Amstel Avenue and Fridays at Laird Parking Lot #6. Curative Pop-Up trailer events throughout Delaware. Search: https://book.curative.com/search#9/39.68/-75.74
Campus COVID-19 Booster Clinics

Room 106 of the Pencader Dining Hall
Wednesday, January 19th 2–6 p.m.
Friday, January 21st 10 a.m.–2 p.m.
Friday, January 28th 10 a.m.–2 p.m.
Wednesday, February 2nd 3–6 p.m.

Register [here](#) for any of these clinics.

Remember to update your records at the [UD Health Portal](#).
Research, Scholarship & Creative Activities

Travel Guidelines

UD employees and students are strongly encouraged to participate virtually in research activities/conferences, whether domestic or international, and postpone research travel whenever possible.

Due to the increase in travel restrictions imposed as a consequence of the Omicron variant, UD travel is being re-evaluated in consultation with UD Risk Management and our insurance carriers.
Sponsored Research
Updates and Reminders
UD Policy on Conflicts of Interest (Policy 6-11)

To promote and support objectivity in research and education activities

- Involvement of faculty and professional staff with appropriate commercial enterprises to enrich teaching and research activities is encouraged by the University.

- It should be such that it benefits all the parties involved including the University.

- Requires that significant financial interests of faculty, staff and other members of the University-research community be disclosed.

- Provides means for managing conflicts of interest when they arise.

*Disclose, Disclose, Disclose*
Investigator Disclosures

When

• **Annually:** All Investigators must submit an updated disclosure of SFI at least annually.

• **Within 30 days:** Investigators must submit an updated disclosure of SFI within 30 days of discovering or acquiring (e.g., through purchase, marriage, or inheritance) a new SFI.

• **Time of Proposal Submission:** UD conflict of interest disclosure form must be completed before a funding application is submitted.

https://research.udel.edu/forms-policies-procedures/?entry=51449
Other Support Disclosures

Federal sponsoring agency policy for disclosing “other support” are evolving rapidly.


DEFINITION of “Other Support”: (NIH Grants Policy Statement, April 2021)
...includes all resources made available to a researcher, senior key personnel or other individuals who contribute to the scientific development or execution of a project in a substantive, measurable way, in support of and/or related to all of their research endeavors, regardless of whether or not they have monetary value and regardless of whether they are based at the institution the researcher identifies for the current grant. Other support does not include training awards, prizes, start-up support from the US based institution, or gifts.
Other Support Disclosures

When to Report
- Just-in-Time (upon request by NIH after proposal submission but prior to award).
- After Just-in-Time but prior to receipt of award (reporting required only if changes are substantive)
- Via Prior Approval Request for substantive changes that occur during the award period, but prior to the due date of the next RPPR.
- Research Performance Progress Reports (annual progress reports) – report changes only
- Upon request by NIH.

Supporting Documentation
Provide copies of contracts specific to senior/key-personnel foreign appointments and/or employment with a foreign institution for all foreign activities and resources that are reported in Other Support. If contracts are not in English, recipients must provide translated copies.
Questions
Submit your questions via the Zoom Q&A

Next Town Hall
Monday, February 14th
2–3 pm

udresearch@udel.edu