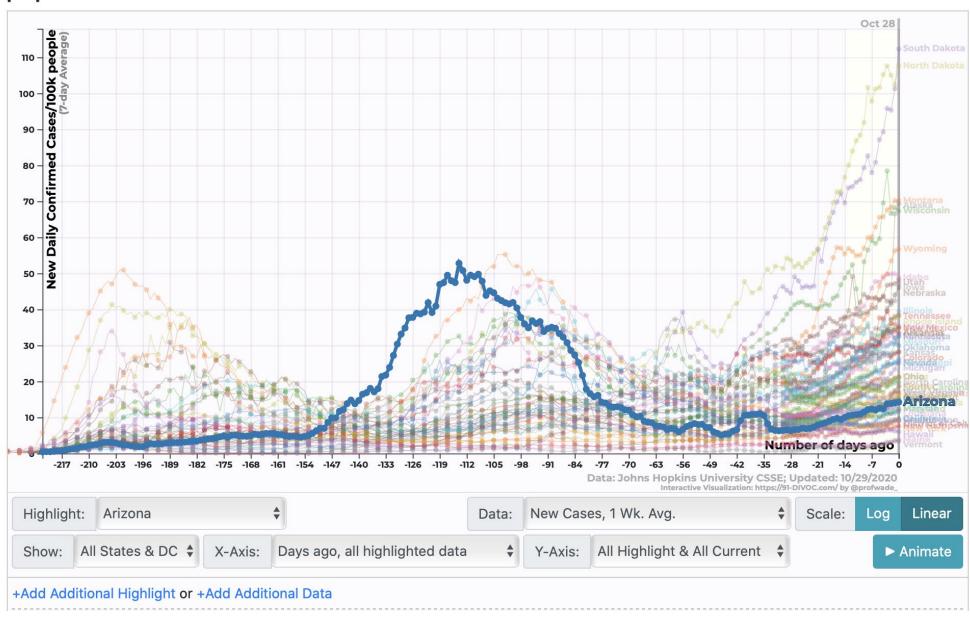


New Confirmed COVID-19 Cases per Day by US States/Territories, normalized by population



Tuesday, 10/27/20

22 cases per 100k people 7 Day Moving Average 224,611 Deaths

Geolocation:

Worldwide

United States

US Geo-Level:

States

Counties

Congressional Districts

O Search

Alabama Alaska

Arizona

Arkansas California

Colorado

Connecticut

Delaware

District of Columbia

Florida

Georgia

Hawaii

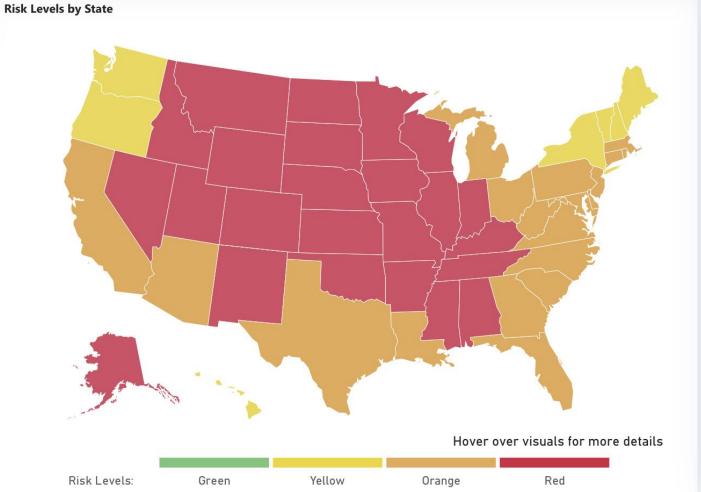
Idaho

Illinois

https://globalepidemics.org/key-metrics-for-covid-suppression/

This map displays COVID Risk Levels for each state in the United States. Hover over a state for detailed information on cases and deaths counts. Risk Levels are calculated based on daily cases per 100,000 population (7 day rolling average).

Learn more



| 1ар | Char |
|-----|------|
|-----|------|

| | State | Rank | Daily new cases per 100k people (7d moving avg.) | Daily new cases (7d moving avg,) | ^ | |
|--|----------------|------|--|--|---|--|
| | | _ | | | | |
| | Kentucky | 18 | 32.3 | 1,442.7 | | |
| | Oklahoma | 19 | 32.0 | 1,268.1 | | |
| | Missouri | 20 | 32.0 | 1,966.1 | | |
| | Kansas | 21 | 29.8 | 866.7 | | |
| | Colorado | 22 | 27.7 | 1,593.1 | | |
| | Mississippi | 23 | 26.4 | 785.3 | | |
| | Nevada | 24 | 25.2 | 777.7 | | |
| | Michigan | 25 | 23.4 | 2,336.4 | | |
| | Rhode Island | 26 | 21.3 | 225.1 | | |
| | Ohio | 27 | 20.9 | 2,443.0 | | |
| | Texas | 28 | 20.4 | 5,901.7 | | |
| | South Carolina | 29 | 19.7 | 1,014.3 | | |
| | North Carolina | 30 | 17.7 | 1,852.0 | | |
| | West Virginia | 31 | 17.5 | 313.7 | | |
| | Florida | 32 | 17.3 | 3,724.9 | | |
| | Connecticut | 33 | 17.0 | 604.9 | | |
| | Pennsylvania | 34 | 15.2 | 1,944.0 | | |
| | Georgia | 35 | 14.9 | 1,579.1 | | |
| | New Jersey | 36 | 14.8 | 1,311.9 | | |
| | Massachusetts | 37 | 14.7 | 1,013.6 | | |
| | Arizona | 38 | 14.1 | 1,026.6 | | |
| | Delaware | 39 | 13.7 | 133.6 | | |
| | Louisiana | 40 | 13.3 | 619.9 | | |
| | Virginia | 41 | 12.8 | 1,095.9 | | |
| | Maryland | 42 | 11.8 | 713.9 | ~ | |
| | California | 43 | 11.6 | 4,564.7 | | |
| | | | | | | |

Microsoft Al for Health Information about Sources Click Here

Contact us at: ai4hc19@microsoft.com

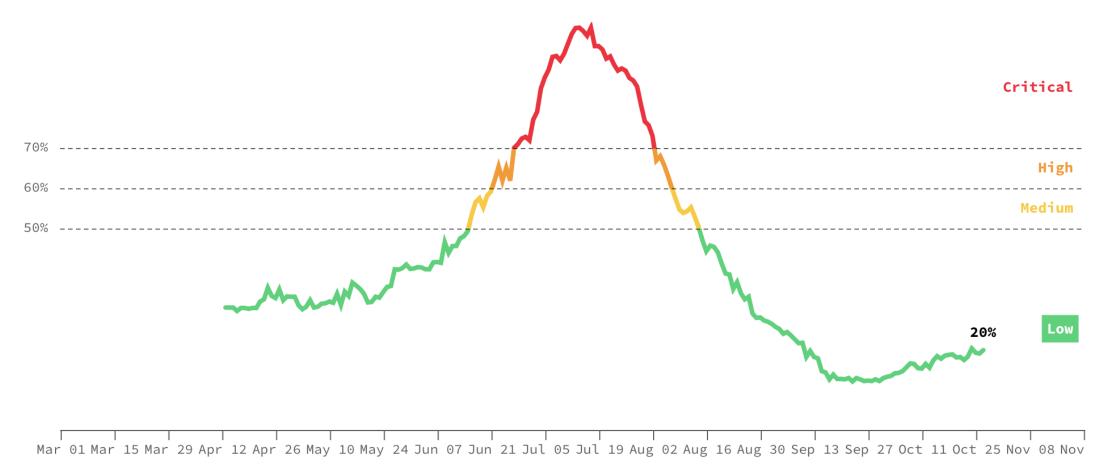
ICU headroom used

Beta

ARIZONA

Save Share

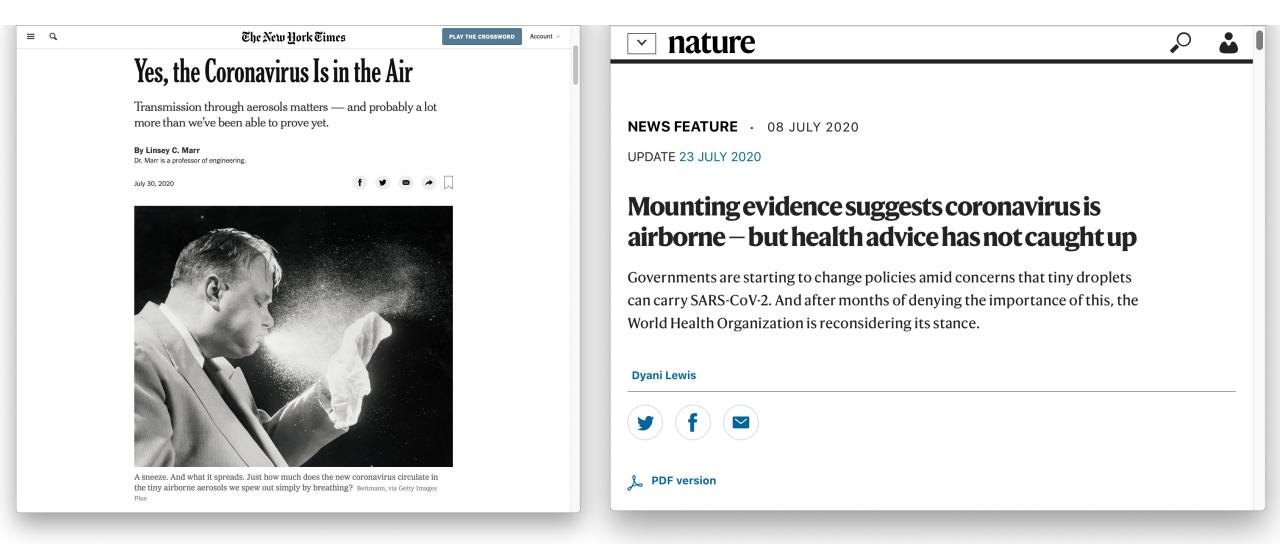
Arizona has about 1,652 ICU beds. Based on best available data, we estimate that 43% (715) are currently occupied by non-COVID patients. Of the 937 ICU beds remaining, 187 are needed by COVID cases, or 20% of available beds. This suggests there is likely enough capacity to absorb a wave of new COVID infections.





MY MASK PROTECTS YOU, AND YOUR MASK PROTECTS ME.

SARS-CoV-2 is Likely Airborne (as we've been saying... CDC finally caught up Oct. 5)





Current Rt

Cases

Tests

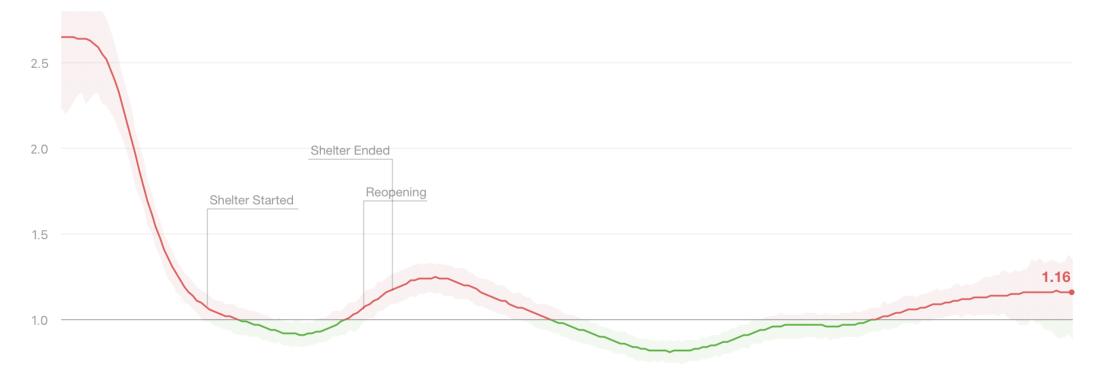
1.16

241,163

1,731,418

Effective Reproduction Rate · Rt

R_t is the average number of people who become infected by an infectious person. If it's above 1.0, COVID-19 will spread quickly. If it's below 1.0, infections will slow. Learn More.





THANK YOU for a great first-ever *virtual* ESE Day on Saturday, October 24!!



School of Earth and Space Exploration
Arizona State University

Welcome to Earth and Space Exploration Day 2020







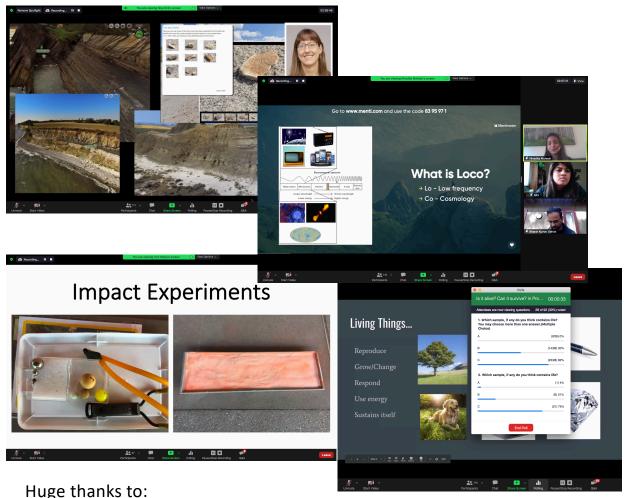
What makes SESE unique

Combining astrophysics, geoscience, planetary science, engineering, & education

• Cross-disciplinary - combining work in two ontologically similar fields, i.e. astrophysics and geosciences

 Transdisciplinary - combining work in two extremely disparate fields, i.e. astrobiology and theater





COG: Ric Alling, Kim Baptista, Meg Hufford, Cathy Shappell, Karin Valentine, Patrick Young. SESE Docents Alex Blanche and Sphurti Kachare & ASU's Explorer-in-Residence Cady Coleman

Astrobiology

ASU/NASA Space Grant Program

Biology and Astrophysics for Graduate Exploration

of Life in Space Group (BAGELS)

Center for Education Through eXploration (ETX), and Infiniscope

Center for Isotopic Analysis (CIA)

Center for Meteorite Studies (CMS)

Cosmology Research Group

Dr. Impact

Low-frequency Cosmology Group (LoCo Lab)

Lunar Reconnaissance Orbiter Camera (LROC)

Science Operations Center

Marston Theater Presenters - Alicia Hyatt

Multicultural Milky Way

Psyche Mission: Journey to a Metal World

Ronald Greeley Center for Planetary Studies

Secondary Ion Mass Spectrometer Laboratory

Society of Physics Students (SPS)

Sun Devil Rocketry

Sundial Program

The Hydrogen Epoch of Reionization Array (HERA)

The Planetary Society @ Arizona State University

ASU's Commitment to JEDI: University-wide Initiatives

 September 2: President Crow outlined 25 actions that "will be undertaken with the goal of enhancing diversity, growth and opportunity for Black undergraduate and graduate students, faculty and staff, while also expanding our academic offerings, community services and collaborative relationships to the benefit of all underrepresented groups and individuals at ASU." https://president.asu.edu/statements/asus-commitment-to-black-students-faculty-and-staff

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- October 26: Establishment of Advisory Council on African American Affairs
 - Website for updates: https://president.asu.edu/commitment
 - Between now and July 2021, townhall meetings to address key issues related to the action plan

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 - Between now and July 2021, townhall meetings to address key issues related to the action plan
- Searches are currently on-going for two key leadership positions:
 - Provost (leading ASU's Academic Enterprise)
 - Vice President for Research (leading ASU's Knowledge Enterprise)

ASU Commits to:

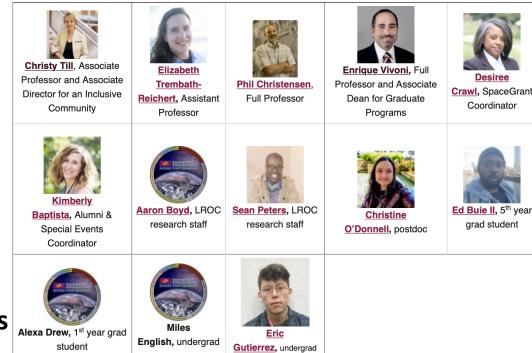
- Establishing a multicultural space on campus and establishing and funding a working group to assess and begin design options for this space.
- Investing in and providing enhanced service support to student organizations and their initiatives on behalf of Black students
- Hosting an annual spring recruitment fair for undergraduates of color into graduate programs across all disciplines with scholarship investments in acute areas of underrepresentation.
- Establishing a Presidential Postdoctoral Fellowship Program funding a minimum of 30 postdoctoral fellowships from underrepresented communities over the next two years who will presuming satisfactory performance continue on after two years into a tenure-track position.
- Creating a new class of graduate fellowships (Community Fellows) for Black students and other students of color.
- Establishing graduate assistantships for underrepresented students to go to graduate school. ASU will support the addition of 50 new graduate assistantships over the next two to three years.
- Establishing a university-wide student entrepreneurship, career advising and student success initiative to inspire and assist Black students and all students of color.
- Training of all faculty and staff on all search committees to address issues such as systemic bias in identification of candidates and hiring.
- Cluster hiring around leading faculty members from underrepresented groups with a commitment to 10 positions this year
 and continuing in subsequent years.
- Implementing the "To Be Welcoming" training for all continuing and new ASU employees and students.
- Implementing a program of service time for Black employees and other employees to serve as mentors to Black students and other students at ASU.

ASU's Commitment to JEDI: The College Initiatives

- The College JEDI Task Force
- The College Natural Sciences JEDI Seed Grant opportunity
- Associate Dean for Diversity, Equity, and Inclusion (applications due Nov 6, 2020): https://thecollege.asu.edu/sites/default/files/associate_dean_-dei_advertisement_job16490.pdf

ASU's Commitment to JEDI: SESE Initiatives

- SESE JEDI Task Force established
 - Meets weekly for 1 year
 - Highest priority activity is developing a 3-5 year plan to improve equity within SESE structures & communities
 - Oversee SESE JEDI Small Grants Program





School of Earth and Space Exploration JEDI Seed Grant --Fall 2020 Application--

Motivation

The School of Earth and Space Exploration solicits seed grant applications that promote the mission statement of the JEDI Task Force: The SESE JEDI Task Force empowers a just, equitable, and inclusive School of Earth & Space Exploration by facilitating and promoting individual action, dialog, education, long-term planning and systemic change.

Who Can Apply?

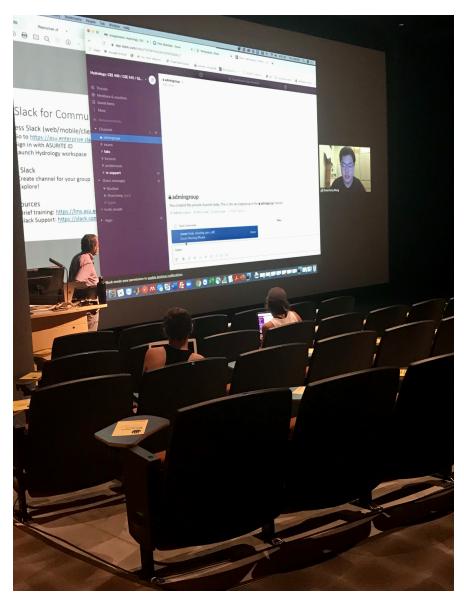
We encourage applications from the broad SESE community including students, staff, and faculty. Alumni are welcome to co-propose with current SESE students, staff, and/or faculty.

Funding Amount and Relevant Dates

Total funding available for all grants awarded through this call is \$2,000. The number of grants awarded will depend on the number and size of the submitted compelling applications. To fund as many grants as possible, we encourage applications with the minimum funding necessary to accomplish goals. We welcome applicants to reach out to the SESE Seed Grant Task Force to discuss their proposed budget. Applications are due by **November 20th**. We anticipate the first round of selections by the end of Fall term.

News/Communications: Research and Other Ops

- Most SESE research labs and other operations are open and running, with appropriate physical distancing and safety protocols in place.
- Grad and undergrad students and volunteers can work on campus as needed.
- All work-related travel (local or domestic) needs to be approved by the Dean; such requests (including for field work) are being approved as long as safety protocols are clearly defined.
- Work-related international travel is still being restricted.



News/Communications: Teaching

- For Spring 2021, most classes will continue to be taught in <u>ASU Sync mode</u> (synchronous teaching via Zoom, allowing students to join remotely or in-person for limited numbers).
- All courses with enrollments >115 will be online only.
- Similar to Fall 2020, a subset of our courses will have an in-person component.

News/Communications: COVID management

ASU COVID-19 case updates provided at:

https://eoss.asu.edu/health/announcements/coronavirus/management

On-campus students

Tests from 10/18 - 10/24 = 739

Positives = 3

Percent positive = 0.41%

Cumulative tests = 5,655

Positives = 89

Percent positive = 1.57%

Off-campus students

Tests from 10/18 - 10/24 = 1,955

Positives = 8

Percent positive = 0.41%

Cumulative tests = 15,436

Positives = 154

Percent positive = 1.00%

Employees

Tests from 10/11 - 10/17 = 587

Positives = 0

Percent positive = 0.00%

Cumulative tests = 5,536

Positives = 9

Percent positive = 0.16%

Cumulative data:

Since August 1, 98909 tests

Students (+ve): 2052

Faculty & Staff (+ve): 49

News/Communications: Fall Activities

Fall 2020 activities open to ALL in the SESE Community:

- SESE Community Conversations (Final one for this semester will be on Nov 19, noon-1 PM)
- SESE Colloquium (Wednesdays, 3:30-4:30 PM, weekly)
- Virtual Tea (Thursdays, 3:00-4:00 PM, weekly)
- Engineering Coffee (Fridays, 2:30-3:30 PM, weekly)
- Open listening sessions with SESE leadership (weekly, 9-10 AM Tuesdays)
- One-on-one office hours with the director (weekly, 3-5 PM Thursdays) –
 sign up for 30 min slots on weekly basis
- Open office hours with AD Inclusive Community (3-4 PM Thursdays)

Fall Colors in Arizona!

