Online/Remote Learning Lab Resources

Aggregated Resource Lists:
Kent State University: https://docs.google.com/spreadsheets/d/18iVS1eOqKij58xcR8dYJS5rYvzZ4X1UGLWhl3brRzM/edit#gid=0
Miami (OH): http://chemistry.miamioh.edu/bretzsl/mar-26-updated-online-chem-.docx
UCF: https://digitallearning.ucf.edu/ilab/remote-labs/general-higher-education-remote-lab-resources/

Free labs:
Harvard: https://www.labxchange.org/explore
Howard Hughes Medical Institute (HHMI): https://www.biointeractive.org/classroom-resources?keyword=&topics=All&resource_type=All&level=100&sort_bef_combine=search_api_relevance+DESC&f%5B0%5D=grade_levels%3A100
NC State: https://sites.google.com/ncsu.edu/ncstatevrorganicchemistrylabs/home

Virtual Labs that have a fee:
Beyond Labz: https://www.beyondlabz.com/
Jove: https://www.jove.com/
Labster: https://www.labster.com/
Visible Body: https://www.visiblebody.com/

Textbook Publisher Virtual Labs:
Cengage
McGraw Hill Connect Virtual Labs
Pearson MyLabs

Home Lab Kits:
Carolina: https://www.carolina.com/
eScience Labs: https://esciencelabs.com/
Hands On Labs: https://www.holscience.com/

Video Resources:
USF Online STEM Labs: https://youtu.be/h8DSeVcu1dc
Introducing Auralia & Musition 6: https://youtu.be/EXQ3-0m-sHA
Introducing iHuman Patients Undergraduate Nursing: https://youtu.be/X_C-vWJdOY
Ceramics Lab Demonstration: https://youtu.be/v9s51LIGv5Q
Live Online Guided Biology Lab: https://youtu.be/F27jMYY8pC4

Articles:
How to Rethink Science Labs: https://www.insidehighered.com/advice/2020/04/08/five-objectives-online-science-labs-lend-themselves-virtual-teaching-opinion
How to Quickly (and Safely) Move a Lab Course Online: https://www.chronicle.com/article/How-to-Quickly-and-Safely/248261

Miscellaneous:
How to conduct Lab and Fine Arts/Performance Remotely: https://keepteaching.ucr.edu/how-conduct-lab-and-fine-arts-performance-remotely
Lab Experiences for Online Classes: https://community.pepperdine.edu/seaver/center-teaching-excellence/keep-on-teaching/online-labs.htm
The Definitive Guide to Creating a Virtual Lab Experience that Empowers and Engages Your Online Students: https://onlineteacheryouniversity.com/the-definitive-guide-to-creating-a-virtual-lab-experience-that-empowers-and-engages-your-online-students/
Community of Practice for Agricultural Educators from NAAE: https://communities.naae.org/community/instruction/animalscience/content?filterID=contentstatus%5Bpublished%5D%7EcATEGORY%5Bpoultry%5D
Labroots: https://www.labroots.com/virtual-event/lab-animal-science-2018
American Society of Animal Science Virtual Resources: https://www.asas.org/meetings/virtual-resources
ACS Virtual Chemistry and Simulations:
https://www.acs.org/content/acs/en/education/students/highschool/chemistryclubs/activities/simulations.html