

## Building Undergraduate Research Skills Remotely – Cheng et al. Appendix B. Full List of Events Organized in Summer 2020 and Spring 2021.

### UMass Boston Honors College organized presenters and events

Date	Category	Title	Length
6/8/20	Launch Session and Q&A	Launch Session and Program Q&A	30 minutes
6/10/20	Alumni Career Panel	Applying to graduate school	1 hour
6/11/20	Alumni Career Panel	Applying to medical & dental school	1 hour
6/12/20	Current Student Panel	Finding undergraduate research opportunities on topics ranging from lizards to COVID-19	30 minutes
6/16/20	Current Student Panel	Finding undergraduate research opportunities in cancer research and beyond	30 minutes
6/17/20	Current Student Panel	Finding undergraduate research opportunities in ecology and beyond	30 minutes
6/18/20	Alumni Career Panel	Applying to medical school	1 hour
6/19/20	Current Student Panel	Teaching after graduation	30 minutes
6/24/20	Current Student Panel	Finding undergraduate research opportunities in microbiology and beyond	30 minutes
6/25/20	Alumni Career Panel	Working in research between undergrad and grad school	1 hour
6/26/20	Alumni Career Panel	Doing research at a company	1 hour
6/30/20	Alumni Career Panel	An alumnus career journey: From UMB, to a PhD, to a post-doctoral researcher	1 hour
7/1/20	Alumni Career Panel	Building a network of scientific mentors	1 hour
7/2/20	Current Student Panel	Finding undergraduate research opportunities in developmental biology and beyond	30 minutes
7/7/20	Journal Club discussion #1: Learning how to read scientific papers	Winchell, K. M., Reynolds, R. G., Prado-Irwin, S. R., Puente-Rolón, A. R., & Revell, L. J. (2016, May). Phenotypic shifts in urban areas in the tropical lizard <i>Anolis cristatellus</i> . <i>Evolution</i> , 70(5), 1009–1022. <a href="https://doi.org/10.1111/evo.12925">https://doi.org/10.1111/evo.12925</a>	1 hour
7/9/20	Alumni Career Panel	Getting clinical hours: Serving as an EMT or a medical assistant	1 hour
7/10/20	Alumni Career Panel	Opportunities to teach, during & after college	1 hour
7/14/20	Alumni Career Panel	Doing an MD/PhD combined program	1 hour
7/15/20	Alumni Career Panel	What it's like to go through med school	1 hour
7/16/20	Alumni Career Panel	Doing a post-bacc or Masters program after graduation	1 hour
7/16/20	Alumni Career Panel	Training to be a PA (Physician Assistant) or a DO (Doctor of Osteopathic Medicine)	1 hour
7/17/20	Journal Club discussion #2: Learning how to read scientific papers	Koenigsknecht, M. J., Theriot, C. M., Bergin, I. L., Schumacher, C. A., Schloss, P. D., & Young, V. B. (2015, March). Dynamics and Establishment of <i>Clostridium difficile</i> Infection in the Murine Gastrointestinal Tract. <i>Infection and Immunity</i> , 83(3), 934–941. <a href="https://doi.org/10.1128/iai.02768-14">https://doi.org/10.1128/iai.02768-14</a>	1 hour
7/21/20	Journal Club discussion #3: Learning how to read scientific papers	Kueneman, J. G., Woodhams, D. C., Harris, R., Archer, H. M., Knight, R., & McKenzie, V. J. (2016, September 28). Probiotic treatment restores protection against lethal fungal infection lost during amphibian captivity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 283(1839), 20161553. <a href="https://doi.org/10.1098/rspb.2016.1553">https://doi.org/10.1098/rspb.2016.1553</a>	1 hour
7/22/20	Alumni Career Panel	Public health graduate programs (MPH and PhD in epidemiology)	1 hour
7/23/20	Alumni Career Panel	An alumnus career journey: From UMB, to an NIH post-bacc, to Harvard Medical School	1 hour
7/28/20	Current Student Panel	Obtaining clinical hours: CNA certification & nursing assistant positions	1 hour
7/31/20	Alumni Career Panel	What it's like to go through a biology PhD program	1 hour
8/3/20	Journal Club discussion #4: Learning how to read scientific papers	Saha, P., Shinde, O., & Sarkar, S. (2016, August 23). Phytoremediation of industrial mines wastewater using water hyacinth. <i>International Journal of Phytoremediation</i> , 19(1), 87–96. <a href="https://doi.org/10.1080/15226514.2016.1216078">https://doi.org/10.1080/15226514.2016.1216078</a>	1 hour
8/13/20	Summer 2020 R Workshop (Day 1 – two different times offered)	Workshop on coding & statistical analysis using the language “R”: Day 1	2 hours per session
8/18/20	Summer 2020 R Workshop (Day 2– two different times offered)	Workshop on coding & statistical analysis using the language “R”: Day 2	2 hours per session
8/19/20	Summer 2020 R Workshop (Day 3– two different times offered)	Workshop on coding & statistical analysis using the language “R”: Day 3	2 hours per session
3/15/21	Spring 2021 R Workshop (Day 1- two different times offered)	Workshop on coding & statistical analysis using the language “R”: Day 1	2 hours per session

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<b>Date</b>	<b>Category</b>	<b>Title</b>	<b>Length</b>
3/16/21	Spring 2021 R Workshop (Day 2- two different times offered)	Workshop on coding & statistical analysis using the language “R”: Day 2	2 hours per session
3/17/21	Spring 2021 R Workshop (Day 3- two different times offered)	Workshop on coding & statistical analysis using the language “R”: Day 3	2 hours per session
3/18/21	Spring 2021 R Workshop (Day 4- two different times offered)	Workshop on coding & statistical analysis using the language “R”: Day 4	2 hours per session
3/19/21	Spring 2021 R Workshop (Day 5- two different times offered)	Workshop on coding & statistical analysis using the language “R”: Day 5	2 hours per session

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