

Hack-Homewood 2021 Judging Rubric

Categories	Criteria	Possible Scores					Weight
		1	2	3	4	5	
Sustainability	By how much does it reduce total energy usage? What kind of energy trade-offs exist? Would it reduce the University's carbon emissions?						30%
Effectiveness	Pragmatism Does the solution address different burdens to stakeholders? Would PIs accept this solution? Consider interruptions to PI workflow, resources the University would need to divert for this solution, and how labs would need to change their freezer use habits.						10%
	Longevity How will the solution be maintained over time? How much effort would the university and laboratory staff require for this solution?						10%
Cost	Cost-Benefit Analysis Is a cost-benefit analysis conducted? How comprehensive is it?						10%

	ROI Does the solution reduce costs for the University (short term/long term)? How much initial investment is needed to feasibly implement?							10%
Timeliness	In how many months/years will it be initially implemented? How long after implementation will we be able to see its impacts? How long will this solution take for PIs to use?							15%
Presentation and Communication	Presenters able to communicate ideas effectively? How well were teams able to field questions?							5%
Creativity	How innovative is this solution?							10%
Point Total								