

Research proposal presentation rubric for 20.109

Category	Elements	Weight (%)
Knowledge of subject matter:	<ul style="list-style-type: none"> convey a big picture understanding present the essential information provide accurate description of the background 	70
Idea	<ul style="list-style-type: none"> emphasize the importance of the proposed work emphasize the novelty of the proposed approach describe the what, why, and how of the approach 	(10)
Overview & Background	<ul style="list-style-type: none"> provide clear and concise description of the social and scientific context provide background details needed to understand the research describe and credit relevant prior work 	(10)
Research question & Aims	<ul style="list-style-type: none"> state research question / goal clearly provide well-defined research aims that are related to answering the research question / accomplishing the research goal if appropriate, include overview of experimental approach 	(10)
Experimental approach	<ul style="list-style-type: none"> provide a roadmap for the proposed work ensure the experiments address the research question / goal include relevant controls in the proposed experiments include helpful experimental details regarding the variables, tools, equipment, biological samples, etc. show sample or mock data that illustrate the expected results describe alternate ideas as a back-up for failed experiments 	(25)
Societal impact	<ul style="list-style-type: none"> consider how the proposed work impacts society beyond scientific progress or discovery 	(10)
Project summary	<ul style="list-style-type: none"> reiterate the research question / goal emphasize how the proposed work addressed the research question / goal 	(5)
Q & A:	<ul style="list-style-type: none"> convey understanding use background knowledge of the subject to provide a logical inference for answers that are not readily known 	5
Organization of presentation:	<ul style="list-style-type: none"> provide logical, easy-to-follow narrative use transitions to connect the data as a coherent story when appropriate, repeat key points / findings 	5
Effectiveness of slides:	<ul style="list-style-type: none"> convey main take-home message in the title use good balance of text and figures ensure text and figures are visible to audience 	10

	<ul style="list-style-type: none"> • use colors effectively • avoid including excessive / unhelpful slides 	
Effectiveness of delivery:	<ul style="list-style-type: none"> • show collaborative effort with partner (present for equal time, avoid interruptions, and be respectful) • speak with confidence • verbalize main take-home messages • avoid excess wordiness and use technical language • limit gestures and avoid staring at the projection screen • stay within time limit (12 minutes +/- 30 seconds) 	10

Last updated 04/2022