



ROBOTS IN QUARANTINE

SUBMISSIONS
DUE JUNE 5TH

BRDG
BRIDGE STUDIOS

BACKGROUND

We want to challenge young and independent designers, artists, and technologists to create works that can be produced with our robots. Three proposals will be selected as “winners” to participate in a residency program aimed at developing their proposals.

There is no typical use for these machines. We have seen them used to help sort and deliver inventory, used as display fixtures, and we have even programmed ours to paint. Our hope is that we can inspire new and innovative applications that can bring joy and invention during an unprecedented time. This challenge is creatively driven and requires us to take a fresh look at existing technology.

We believe the best ideas come from true diversity. This challenge is meant to bring young professionals together to share ideas and expertise. Teams can be individual talents but collaboration is encouraged. So go ahead and get in touch with your old friends that are experts in other fields and see what kind of magic you can cook with some robots. We look forward to hearing from you and hope this inspires some great creative and inventive thinking!

**How can we use our robotics
for new innovative applications
that can bring joy, invention,
and good to the world?**

COMPETITION CRITERIA

Applicants should focus on our specific robotic arm (UR5e) but are encouraged to include other technology, materials, tools, processes, and equipment as needed. Also using 2 or more robot arms in conjunction... we own three [3].

We'd like proposals to be creatively driven but also relevant to our moment. This doesn't mean all proposals should be utilitarian, in fact artistic applications are encouraged. Below are some thought starters as points of entry for applicants to consider, but all are encouraged to think outside the box: Health Applications; COVID 19; Upcycling and Recycling; Sculpture; Performance; Manufacturing; Human Interaction; Fashion; Food; Household; Cities.

COMPETITION TIMELINE

APRIL 20th

Call for entries announced

MAY 11th - JUNE 5th

Submission open

JUNE 5th

Submission closed

EARLY JULY

Finalists Announced

EARLY AUGUST

Residency winners announced

SEPT-DEC

Residency Program

JAN-FEB

Public Showcase/ Opening

ABOUT ROBOTICS

We own three [3] UR5e robots. Below are a few characteristics to keep in mind. Please visit Universal Robots website for even more information.

- **COBOT:** UR53 are “cobots” or collaborative robots and are designed to be safely used around people (i.e. on a factory floor, or also in public).
- 11lbs capacity
- our robots are all white
- toolhead can accept screws and almost anything can be retrofit

<https://www.universal-robots.com/products/ur5-robot/>



APPLICANTS

The competition is free and open to the public. Submissions from multidisciplinary teams are welcome.

The general public and students are encouraged to enter. We do encourage teams to apply. There is no maximum number of team members, but the recommended number is four. The ideal team should represent an interdisciplinary mix of expertise associated with the proposal. However, competitors do not need to have formal training in design, planning, or engineering to submit a proposal. While proposals need to be plausible, they do not need to be technically precise. Individuals or teams may only make one submission to the competition, and no individual or firm may be a member of more than one team submission.

FINALISTS

ONE [1] finalist (or team) will be selected to win the prize money and participate with BRDG Studios in developing and building their proposal into a working prototype. Finalists will be expected to:

- Participate in a residency at BRDG Studios in Philadelphia for 2-3 month period that aligns with the Fall and/or Spring internship periods.
- Develop a production schedule, project specifics, goals, and set of deliverables for the residency program along with BRDG Studios principals.
- Finalists will need to be local to the Philadelphia area (Greater Philadelphia, NYC, New Jersey, DC, etc...) to commute into BRDG Studios over the residency period. BRDG Studios will not be responsible for transportation, lodging, meals, or costs associated with any of the above.
- Prepare working examples for a public presentation at the end of the residency period.

ABOUT THE RESIDENCY

Winning individuals and teams will participate in a residency program at BRDG Studios in Philadelphia where they will receive lab space, training on robotics, dedicated robotics, access to BRDG staff for mentorship, access to materials and resources, and oversight on their project process.

Phase 1 of the residence will take place over the Fall internship period from September to December, encouraging students to participate.

More information to be announced about the residency.

SUBMISSION REQUIREMENTS

To enter this competition, submit your proposal electronically as a single PDF document via the submission portal. The PDF should be formatted 11x17 inches in landscape orientation, no longer than 10 pages, and no larger than 10MB. Title your PDF file with “[Lead Name].” Hard copies of submission materials will not be accepted.

Please submit questions to the forum on the competition homepage

www.brdg.co/robotsinquarantine

EVALUATION CRITERIA

Entries will be narrowed to 6 semi-finalists by a panel of judges from design, architecture, and technology industries. Then BRDG Studios personnel will select one winner for the Fall residency. Depending on the success of the program, a second semi-finalist will be chosen for a residency in 2021 or later.

Criteria:

- 1. Team Members:** teams or individuals' interest in the use of robotics in their design practice.
- 2. Feasibility:** proposals must be possible to make with existing materials and processes.
- 3. Parameters of the Robotics:** proposals must use the parameters of the actual UR5e robot arms i.e. size, weight limits, reach etc... but applicants are asked to stay conceptual in the proposal and not focus use and function over specific robot details.
- 4. Magic or Utility:** The robotics used in art proposals should delight and intrigue. Robotics used in more functional proposals should be innovative and used elegantly to solve clearly articulated problems.

Jurors will be announced on our website.

ELIGIBILITY, TERMS AND CONDITIONS

Current BRDG Studios employees are not eligible to participate in this competition. No member of the jury may participate in this competition, assist individuals or teams (“Applicants”) with their submission to the competition (“Submission”), or act in any other capacity or way to advise or aid in the development or presentation of a Submission. No partner, associate, or employer/employee of a jury member may participate in the competition.

DELIVERY OF SUBMISSIONS

Submissions must be received before 11:59pm (ET) on May 20, 2020. Applicants assume all responsibility for ensuring that their Submission arrives before the stated deadline. Submissions received later than the stated deadline will not be considered.

DISQUALIFICATION

Any Submission received after the deadline, that is incomplete, or that violates any provisions of the competition conditions will be disqualified. Applicants shall not communicate in any manner with any member of the jury regarding this competition prior to the public announcement of the winner/s. Upon evidence of any infraction of the competition conditions, the person/s involved shall be informed by the project manager, in writing, of disqualification.

INTELLECTUAL PROPERTY

By entering this competition, Applicants declare that the designs in their Submission have been developed solely for the purposes of this competition and represent no infringement of any existing copyright, patent or other intellectual property rights. Applicants, by virtue of making a Submission to the competition, acknowledge and agree that BRDG Studio LLC, and their affiliates, successors, contractors and assignees, will have a worldwide, perpetual, royalty-free license to use the Submission, and any materials developed therefrom including but not limited to any materials developed during the finalist phase, for all reasonable purposes including but not limited to purposes of exhibition, promotion, dissemination and publication.

Applicants will otherwise retain all intellectual property rights over their work. BRDG Studios shall use reasonable efforts to credit or attribute work to Applicants, but shall bear no responsibility for any failure to do so or for any unauthorized use by a third party.

ELIGIBILITY, TERMS AND CONDITIONS

ATTRIBUTION

Applicants, by virtue of their participation in the competition, acknowledge and agree to credit the competition and BRDG Studios prominently in all materials concerning the competition or a Submission including without limitation in press releases, publications, websites, social media, other digital communications, brochures, and other materials.

INDEMNITY

Applicants, by virtue of their participation in the competition, acknowledge and agree to indemnify and hold harmless BRDG Studio, LLC, including its and their officials and employees from liabilities, damages, losses and costs including but not limited to reasonable attorneys' fees, to the extent caused by the negligence, recklessness or intentionally wrongful conduct of an Applicant and any other persons employed or utilized by the Applicant in connection with this competition and project. This indemnification provision is separate and apart from, and in no way limited by, any insurance provided or otherwise. This paragraph shall not be construed to require an Applicant to indemnify BRDG Studio, LLC for their own negligence, or intentionally wrongful acts. This clause shall survive expiration or termination of the arrangements hereunder.

**LOOKING
FORWARD
TO YOUR
IDEAS**



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