

Application for Interdisciplinary Residency

Coalesce: Center for Biological Arts (www.buffalo.edu/gem/coalesce) is a hybrid studio laboratory dedicated to enabling hands-on creative engagement with the tools and technologies of the life sciences, and is a major facet of the Genome, Environment and Microbiome Community of Excellence at the University at Buffalo. *Coalesce* is currently accepting proposals for Biological Art residencies. We accept 4–5 residents per academic year. A residency is active for the entire year, however actual periods in residence will vary and should be mutually agreed upon by *Coalesce* and the artist. We suggest a minimum of one month in planned residence and we encourage residents to stay for two or three months as residents will likely be learning many new techniques and biological experiments often require long incubation periods. Each resident will receive technical support, access to laboratory equipment, and up to \$1500 in laboratory materials and supplies.

Access to Laboratory Equipment

In the *Coalesce* lab you will have access to a sterile hood, fume hoods, an anaerobic glove-box, a gassing station, a thermocycler, an autoclave, incubators, water baths, electrophoresis equipment, DNA transilluminators, a digital imaging station, a bioinformatics station, centrifuges, dissecting and compound microscopes, and other equipment.

The University at Buffalo is a premiere research institution that contains many facilities across the arts and sciences for imaging, analysis, processing, visualization, machining and fabrication of all kinds with which researchers are encouraged to engage. *Coalesce* residents will have access to many of these services, including Sanger and next-generation sequencing, spectroscopy, electron, confocal and fluorescence microscopy, and many others.

Structure of Residency

- Each resident artist will pair with a scientist at the University at Buffalo who will advise broadly on a strategy to complete the work and assist with the process of ensuring environmental health and safety compliance.
- Residents will have access to the research laboratory
- *Coalesce* staff will provide training, assistance and consultation.
- Residents will have access to a range of university services for the duration of their residency.
- Residents will present their work (or a related topic) at least once during *Coalesce* monthly discussion forums.
- Residents should list *Coalesce* and GEM in their project credits. For example: “This project supported by *Coalesce: Center for Biological Art*, and the Genome, Environment and Microbiome Community of Excellence, University at Buffalo.”

Selection Criteria

Quality and originality of proposal. Feasibility of project. Applicability to our community strengths: genomics, environment and microbiome.

Application Procedure

As part of your submission, please prepare a single PDF file containing the following:

1. A description of the proposed project (500 words.)
2. An artist statement including links to previous projects and their relationships to the proposed project (500 words.)
3. A description of the specific components of the project to take place at *Coalesce* and a rough timeline. Be sure to specify if activities are to take place primarily in the Fall or Spring academic semester.
4. A two-page curriculum vitae.

Submit this proposal via the application form at www.buffalo.edu/genomeenvironmentmicrobiome/coalesce/residency-application.html.

Review of applications will begin on **June 30, 2017**. Applying by this date will allow the fullest consideration of your proposal. Applications received after June 30 will be reviewed monthly on a rolling basis.