



## Expedition Air Artist in Residence Program 2021

Application can be found [here](#).

### Section 1: Artist in Residence: General Overview

An artist residency is an opportunity provided by a host organization that enables a guest artist to work in a new environment, often away from the restrictions and pressures of their everyday lives. Artist residencies are about providing the time and space for a guest artist to develop work and creatively explore new ideas.

Artists are often selected through a competitive application process. The length of a residency can vary from weeks to months or even a year. Artist residencies can include a working space and accommodation, or may only offer a workspace. Some support a single artist or art form, others can support groups to collaborate across art forms.

Artist residencies are important because they provide opportunities for artists from around the world to spend time in a new atmosphere and environment. They support cultural and artistic exchange, nurture experimentation and new ideas, and support research and the development of new work.

### Section 2: Definition of Purpose

Expedition Air is the consumer facing brand of Carbon Upcycling Technologies (CUT). Expedition Air offers the service of material integration into consumer facing products. So far, Expedition Air has been able to garner progress in both product development and artist collaboration.

Expedition Air believes that art is an efficient and effective way of mobilizing action for some of the world's most complex issues. Climate change being one of the world's most pressing problems, art can create an emotional connection that prompts climate action.

Expedition Air's goal with the Artist in Residence program is to demonstrate that CUT's material can be used in multitudes of commercially viable use cases and that low impact materials can be used without changing supply chains drastically. The work the artist creates will raise the profile of the CCUS industry and Expedition Air.

#### *About: Expedition Air*

Expedition Air was founded on the idea that our pale blue dot is worth fighting for. We are dedicated to empowering people to act on climate change. We believe that consumers' buying power can be used to better society by enforcing a need for products derived from waste carbon dioxide emissions. Each year, 34 billion

tons of greenhouse pollution enters our atmosphere - that's 100 times the weight of humanity. Every single individual can make their voice heard on this issue. By joining us on Expedition Air, consumers, artists, and corporations are raising their hand to join the battle.

*About: Carbon Upcycling Technologies*

CUT was formed to use the pollution of today to build the materials of tomorrow by converting CO<sub>2</sub> gas into solid products. CUT sells advanced solid products derived from greenhouse emissions and cheaply available solids. Since 2014, CUT has scaled its ability to capture CO<sub>2</sub> emissions from point sources, such as power plants, by over a million times. Through its portfolio of CO<sub>2</sub>-derived solid nanoparticles, CUT has technically validated its solutions for use in the plastics, coatings, epoxy, adhesives, concrete, lithium-ion battery, and pharmaceutical industries.

**Section 3: Sponsorship**

Expedition Air will offer sponsorship in the form of CUT material (up to a dollar value of USD \$2,500), technical assistance, and business development support. The artist will have access to the Showcase space at the Alberta Carbon Conversion Technology Centre (ACCTC) for an exhibition. Expedition Air will offer a trip to Calgary for the artist.

Expedition Air will draw upon its existing networks to assist the artist to make connections with local peers and provide introductions to arts events and organizations. The company will provide support in connecting the artist with the arts community in Alberta as well as with art organizations. Expedition Air will also provide support in securing grant funding for the artist.

**Section 4: Timeline**

The Expedition Air Art in Residence program will commence on May 1, 2021. The Artist in Residence program will last for 6 months but has a flexible end-date, which is dependent on the artist's project plan.

**Section 5: Expectations of the Artist**

With support from the Expedition Air team, the artist will use material produced by CUT to create unique pieces of art and consumer products to be demonstrated in the Showcase at the ACCTC. Demonstration pieces will be required to be at the ACCTC at the end of the program and will be on display for at least 3 months. This demonstration period is flexible and dependent on an agreement between Expedition Air and the artist. The artist will likely be asked for input on the design and layout of the Showcase at the ACCTC. The artist may be asked to provide expertise to consumer product developers on the use of CUT material.

The artist fully owns the products/designs/art created during the Artist in Residence program.

## Section 6: Marketing and Promotion

Expedition Air and CUT will use existing channels (social media, website, networks, etc.) to advertise the work completed by the artist. The Showcase will likely be covered by the media coverage due to the Carbon XPRIZE results being released in the summer of 2021.

Expedition Air will also offer mentorship in which the artist organizes outreach events (webinars, podcasts, etc) and Expedition Air promotes the events to publicize their work. The Expedition Air team will play a supporting role in planning and programming but these events/initiatives will allow the artist to better market themselves.

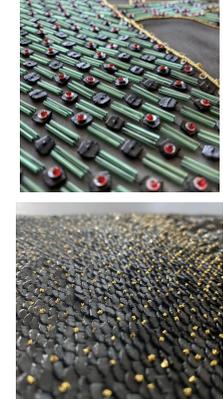
The use of Expedition Air logos will be required as per marketing guidance.

## Section 7: Alumni and Previous Products

Expedition Air is dedicated to supporting artists after they leave the Artist in Residence program. 2020 Artist in Residence, Annalee Levin, started her own business called [Captured Carbon Studio](#). Her products and art are also featured on the Expedition Air website.

Some demonstrations of products and art made from captured carbon material are below. There is no limit to how carbon-derived materials can be implemented, these are only a few examples.

	<p>Ben Welsh Design</p> <p>Concrete Pen</p> <p>Material: Enhanced Fly Ash</p>	<p>Enhanced Fly Ash is used in the concrete mix used to cast the shell of the pen. Its sleek and smooth finish, gives a modern feel to a robust industrial material.</p>
	<p>22 Design Studio</p> <p>Concrete Watch</p> <p>Material: Enhanced Fly Ash</p>	<p>Enhanced Fly Ash is used in the concrete mix used to cast the face of the watch. This show stopping piece is taking sustainable fashion by storm. The round and minimalist face goes with virtually any outfit.</p>

	<p>Captured Carbon Studio</p> <p>Worry Stones</p> <p>Material: Enhanced Fly Ash</p>	<p><i>Artist in Residence - Annalee Levin</i></p> <p>Enhanced Fly Ash is used to create worry stones. These smooth stones are great to subtly fidgety fingers and is a tool that can be used to sooth your climate anxiety.</p>
	<p>Luis Merchan</p> <p>Paint</p> <p>Material: Graphitic Nanoplatelets</p>	<p>Luis developed a paint formulated with 100% graphitic nanoparticles.. His work augments the color perception, changing from negative color to positive color using virtual reality. Really puts a spin on “carbon negative”.</p>
	<p>IPI Creations</p> <p>Captured Carbon Ring</p> <p>Material: Graphitic Nanoplatelets</p>	<p>Graphitic nanoplatelets are used to fill the center of the ring. They offer a wide and a narrow band design, and have even had clients use them as wedding rings!</p>
	<p>Captured Carbon Studio</p> <p>Crayons</p> <p>Material: Graphitic Nanoplatelets and Enhanced Talc Powder</p>	<p><i>Artist in Residence - Annalee Levin</i></p> <p>These crayons are made from beeswax and Enhanced Talc Powder, pigmented using purely natural materials, including Graphitic Nanoplatelets.</p>
	<p>Captured Carbon Studio</p> <p>Embroidery</p> <p>Material: Plastics</p>	<p><i>Artist in Residence - Annalee Levin</i></p> <p>Using black masterbatch plastic pellets, Annalee flattened them and then embroidered them onto fabric, creating a sustainable textured swatch! This technique can be easily transferred onto wearable clothing.</p>

## **Section 8: Application**

This residency is for visual artists with a passion for new material exploration. Formal training in visual arts or equivalent lived experience will be considered an asset. A cohort of artists will be accepted to the program. Collaborative groups are welcome to apply.

- Artist Biography - describe yourself as an artist (200 words)
- Intention Letter - outline the conceptual basis of your work and how it connects to the larger context of the Carbon Capture Utilization and Storage industry (in a page or less)
- Portfolio - Submit 5 - 10 samples of your artwork with a title and brief description