



Marching into Spring

Dear Friends of TVCOG,

March is an exciting time, ushering in Women's History Month and the start of daylight savings time. Even if the weather can't make up its mind, it's always sunny and 68F inside the CoG, which is the environment scientifically proven (probably) to be the most effective for fostering creativity. The Makerspace has been getting busier, and I'm excited to see what new projects this month will bring. As always, I'd love to hear more about what you're working on!

Speaking of new projects, this month marks the beginning of the first Maker-In-Residence term of the year. Thanks to the generous support of the New York State Council of the Arts, our newly renovated Maker-In-Residence (MIR) Program allows us to provide unique support to local Makers while engaging with the local community. The program runs on a trimester schedule, in conjunction with our classes, with a new MIR joining us each trimester. MIRs are expected to complete their project within the first trimester of their residency and complete a community engagement component within the second trimester. **We are thrilled to welcome Jerry Huang into the program, as our first MIR in the new and improved trimester-based program, and we can't wait to share his residency journey with you all.**

--Dan Falkenstrom

TVCOG Facilities and Incubator Director, Interim Executive Director

News from the Makerspace

In the Spotlight...

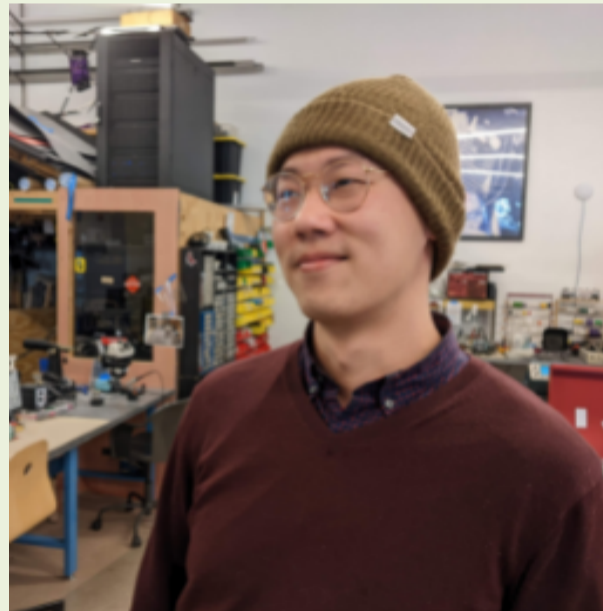
TVCOG is excited to welcome our newest Maker-In-Residence, Jerry Huang.

Jerry, a PhD student in Architectural Acoustics at Rensselaer Polytechnic Institute, is a lifelong maker and experimental artist whose work explores the intersection of art, community and technology.

During his residency, Jerry will be working on a monolithic, multi-sensory interactive installation piece, tentatively titled *Relational Matter: Monument of Urban Connectedness*. The installation was conceived as a piece of participatory art that extends beyond visual sensibility, engaging local technologies and state-of-the-art digital interaction system design.

"With its interactivity of lights, touch and sounds, the installation will become a metaphoric digital creature that not only celebrates the creativity of Troy makers, but also manifests the intimately connected nature of the city's urban community at large," said Jerry. He plans on hosting open workshops during the construction of the project, allowing members of the community the chance for hands-on participation.

Jerry will be providing regular updates on his project and workshops throughout his residency in our newsletters and on our social media. For more information about the proposed installation, please see the full-length [project proposal](#).



"AS A MAKER, I BELIEVE IN MY RESPONSIBILITY TO EMPOWER THE COMMUNITY AROUND ME WITH MY IDEAS AND KNOWLEDGE, AND AN OPEN-MINDED SPIRIT OF COMMUNAL MAKING PROCESS AND EXPERIMENTATION."

This program is made possible thanks to the generous support of the New York State Council of the Arts.

Classes, Events & Programs



TVCOG Participating in the 2022 Northeastern Woodworkers Association Showcase

10am - 5pm, March 26 & 27

TVCOG will have a booth at the 29th annual NWA Woodworkers Showcase in Saratoga Springs, showing off our resources to the area's woodworking community. This weekend-long event features fine woodworking, classes, demos, tool & wood vendors and more!

[Learn More & Register Here](#)



**Glass Arts 104:
Etching & Engraving**

Sunday, March 6 | 1-4pm

Explore the techniques of engraving and etching glass, and leave with a custom glass piece of your own design!



**Woodshop 100:
All About Sharpening**

Saturday, March 19 | 1-3pm

Learn to properly sharpen your tools! Participants are encouraged to bring tools to sharpen with them to the class.



**Craft 101:
3 Silver Rings**

Sunday, March 20 | 6-8pm

Create 3 custom silver rings in this beginner-level jewelry making class.

[View All Currently Available Classes Here](#)

News from the Manufacturing Incubator

Upcoming Incubator Events & Programs

FOOD FOR THOUGHT #16
BUSINESS & PRODUCT DEVELOPMENT
VIRTUAL LUNCHEON SERIES



WITH **TERENCE "T" MUSTO**
CEO, Fabbro Industries



**Food For Thought #16: FabTalk 101-
Communicating With Your Fabricator**

Wednesday, March 2 | 12 - 1pm

Need to get parts, fixtures, or equipment made? Knowing how to clearly communicate with your fabricator is key. Terence Musto of Fabbro® Industries will go over how a qualified fabrication shop can be an asset to your product development, a few keys to effectively working with your fabricator, and field any lingering questions about anything fabrication related.

Fabbro® Industries is a R&D company focused on small batch, high quality manufacturing of metal components. Terence "T" Musto started Fabbro Industries, LLC in 2013 after realizing the need for innovation in the industry, and spawning the invention of its patented flagship product, the Type 57x® integrated suspension frame. He is the Creator, CEO and head of design and fabrication of Fabbro Industries.

[Register Here](#)



HATCHED
THE CAPITAL DISTRICT INVENTORS AND ENTREPRENEURS MEETUP

**HATCHED Inventors & Entrepreneurs
Meetup**

Thursday, March 3 | 6:30 - 8pm

Join us the first Thursday of each month to connect with other creative souls, product developers, and others who are interested in bringing ideas to life.

SHARING NIGHT: An informal gathering where attendees can introduce themselves and show off what they've been working on. Share your project's current status, get and give feedback, explore next steps, and connect with potential team members.

[Register Here](#)

News from the THINQubator

It's Time for Some Pi!



March has a lot to celebrate, including one of our favorite holidays: March 14 (3.14) is Pi Day!

Pi Day is the celebration of the mathematical constant Pi (often represented by the lower-case Greek letter π), whose first three digits are 3.14

Celebrate the day by eating a slice of pie, and trying out some [pi-based activities](#) and coloring sheets from the official [Pi Day website](#).

Upcoming Events & Programs



Next STEAM-Powered Saturday: Mini Zip Lines

Saturday, March 5 | 10am-1 pm FREE

Every 1st Saturday children ages 4-12 and their families are invited to join us at Tech Valley Center of Gravity for a fun, creative hands-on project. **These mind-expanding projects help children discover creative play through science, technology, engineering, the arts and mathematics.**

This month's project is "Mini Zip Lines!" The THINQubator will be transformed into a mini zip line course, and you will be in charge of creating designs to get a miniature toy across the zip lines safely.

No pre-registration required. Masks are required for all unvaccinated attendees and strongly encouraged otherwise. Proof of vaccination is required for those who wish to go mask free. Children under the age of two are exempt, as per CDC guidance.

[Learn More](#)

This program is supported in part by The Seymour Fox Foundation, providing a helping hand to turn inspiration into accomplishment... See more possibilities...see more promise.... see more progress.

Additional support is provided from the Albany Society of Engineers.

Updates from our Creative Community

Made at the COG

What our Members are working on right now.



Woodshop Zone Coordinator Kris decided to experiment with using a CNC machine for inlay work on this cutting board.



COG Member Devin is opening up his own coffee shop, and has been custom making and laser cutting all of his own signage.



Metal Shop Zone Coordinator Alex shows off the miniature metal lathe by making a custom part for a project during his [regular weekly open hours](#).

Featured Sponsor

SEYMOUR FOX
MEMORIAL
FOUNDATION

The Seymour Fox Foundation provides a helping hand to turn inspiration into accomplishment... See more possibilities...see more promise.... see more progress.

Learn more about the [Foundation on their website here](#).

[Click Here to Learn About Sponsorship](#)

Tech Valley Center of Gravity is a makerspace, prototyping center, manufacturing incubator, STEAM-education center and creative community located in the heart of downtown Troy, New York. A member-supported 501(c)(3) community resource organization, the Center of Gravity serves members from Albany, Columbia, Rensselaer, Saratoga and Schenectady counties and beyond with space, tools, technology and expertise to explore and exercise their creativity, turn ideas into objects of art and utility, and launch new ventures based on their own ingenuity.

Join Our Creative Community

We are open and operating at standard hours. Membership hours and access types depend on the membership level you choose. Membership is open to anyone ages 18+ so [join today!](#)

TVCOG's COVID-19 Protocols

Tech Valley Center of Gravity is committed to following guidelines set forth by New York State and to ensuring the safety of our community members. Review our Covid-19 policies and procedures [here](#).

Tech Valley Center of Gravity
30 3rd Street
Troy, NY 12180

