

# 2017 Steel City Codefest Challenges

## Connecting People to Art in the Community

Challenge submitters: The Bloomfield-Garfield Corporation (BGC) and the Westmoreland Museum of Art

### **The Challenge:**

The BGC runs Unblurred (<http://www.pennavenue.org/unblurred>), a monthly gallery crawl where people from all over the region stroll Penn Avenue between the 4800 and 5500 blocks to meet with artists and local business owners, as well as experience pop-up events, shops, and performances on those blocks.

The Westmoreland Museum of Art recently launched Art Happens, which places "random acts of art" throughout the Greensburg Downtown District on building walls, doorways, alleyways, and windows.

Both of these organizations are looking for an application that encourages visitors and residents to interact with the art exhibits and performances going on in their communities.

Read more about Unblurred on their website: <http://www.pennavenue.org/unblurred>  
(<http://www.pennavenue.org/unblurred>)

Read more about the Westmoreland Museum of Art: <http://thewestmoreland.org/>  
(<http://thewestmoreland.org/>)

## Helping People After a Natural Disaster

Challenge Submitter: The Emergency Management Agency (EMA) of Allegheny County

### **The Challenge**

Natural disasters can wreak havoc on buildings, roads, and, most importantly, people's lives. The EMA is deployed to the scene following a natural disaster in Allegheny County to assess the impact and help get people's lives back together with paper and pencil in hand. The team at the EMA seeks a digital way to intake and calculate the data in the field to increase accuracy, decrease human errors, and secure funding faster so that the people and communities affected can start rebuilding faster.

Read more about Allegheny County: <http://www.alleghenycounty.us/>  
(<http://www.alleghenycounty.us/>)

# Encouraging Lifelong Healthy Habits in Kids

Challenge Submitter: Pittsburgh Three Rivers Marathon, Inc. (P3R)

## **The Challenge**

The Kids of Steel program is an award-winning, free youth physical activity, and nutrition program designed to instill lifelong, healthy habits in children. Each year more than 6,000 kids participate in the program throughout the region, and P3R needs a solution to track their students' progress in physical activity and adopting healthy eating habits.

Read more about the Kids of Steel Program: <http://kidsofsteel.org/> (<http://kidsofsteel.org/>)

# Connecting the Pittsburgh Region to Diverse Businesses

Challenge Submitter: Riverside Center for Innovation (RCI)

## **The Challenge**

RCI wants to make it easier for businesses and individuals connect with businesses of all sizes that are owned and operated by minorities, women, those with disabilities, and veterans. They have a database of more than 2000 diverse businesses that they want to grow and share with the Pittsburgh region through a mobile app.

Read more about the Riverside Center for Innovation:

<http://www.riversidecenterforinnovation.com/>  
(<http://www.riversidecenterforinnovation.com/>)

# Tracking Symptoms for Chronically Ill Children

Challenge Submitter: Pediatric Palliative Care Coalition (PPCC)

## **The Challenge**

Families with medically complex children face a constant barrage of changing medical information including medications, doses, concentrations, appointments, countless medical providers, and equipment. Keeping track of all of this while caring for a chronically ill child can be overwhelming. PPCC imagines a way for caregivers to easily track symptoms and prepare for doctor visits that often take an entire day.

Read more about Pediatric Palliative Care Coalition: <http://www.ppcc-pa.org/>  
(<http://www.ppcc-pa.org/>)

# Demystifying Health Care Options

Challenge Submitter: Regional Health Literacy Coalition (RHLC)

### **The Challenge**

When healthcare consumers don't understand the language of their healthcare plans, it leads to uninformed choices, large or unexpected bills and reduced use of preventative services. The RHLC imagines a solution that educates health care consumers on plan selections so that they spend less out-of-pocket for health care.

Read more about the Regional Health Literacy Coalition: [ahealthyunderstanding.org](http://www.ahealthyunderstanding.org)  
(<http://www.ahealthyunderstanding.org/>)

## Reducing the Stigma of Mental Illness through Interactive Art

Challenge Submitter: McKoy Creative

### **The Challenge**

McKoy Creative is creating an interactive art project aimed at combating stigma around mental health using real-time GIS display projecting in public locations. They envision an app that will disseminate research around mental health stigma while displaying a real-time projection of people reporting their mental disorder experience from a specific location.

Read more about the Contextual Camouflage project by McKoy Creative:  
[mckoycreative.com/contextual-camouflage](http://www.mckoycreative.com/contextual-camouflage/) (<http://www.mckoycreative.com/contextual-camouflage/>)

## Making Health Habits for Kids is as Easy as 5-2-1-0

Challenge Submitter: Let's Move Pittsburgh

### **The Challenge**

In 2015, Let's Move Pittsburgh (LMP) launched a 5-2-1-0 initiative that reinforces four healthy habits for kids: 5 servings of fruits and veggies, 2 hours or less of recreational screen time, 1 hour of more of physical activity and 0 sugary drinks- every day. Let's Move Pittsburgh promotes the 5-2-1-0 message through a media campaign and coordinates healthy programs at early learning centers, schools, out of school sites and healthcare practices to make it easier for kids to practice 5-2-1-0. The team at Let's Move Pittsburgh envisions a tracker app designed for kids and focus on positive ways to make it easy and fun to adopt a healthy lifestyle.

Read more about Let's Move Pittsburgh: [phipps.conservatory.org/lets-move-pittsburgh/our-programs/5-2-1-0](https://phipps.conservatory.org/lets-move-pittsburgh/our-programs/5-2-1-0) (<https://phipps.conservatory.org/lets-move-pittsburgh/our-programs/5-2-1-0/>)

Still, have questions? [Contact us.](http://www.steelcitycodefest.org/contact) (<http://www.steelcitycodefest.org/contact>)

---



(<https://twitter.com/steelcitycode?lang=en>)



(<https://www.facebook.com/SteelCityCodefest/?fref=ts>)

© 2016-2017 Steel City Codefest