



## Fram Focus volume 2:9 / May 2017 – Fram Award at Imagine RIT Edition

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The Fram Advisory Board congratulates the winners of the 2017 Awards for *Applied Critical Thinking* excellence at Imagine RIT! Each team will share \$250 Tiger Bucks!

***Please visit these great exhibits on Saturday (see the bottom of this newsletter).***

### **Small Group Award: Ambio & Critical Thinking**

**Team:** **Julianne Burke, Josh Ladisic, Conner Hasbrouck, Jess Wiltey, Bennoni Thomas, Colton Woytas, Sudarshan Ashok, Vincent Lin**

**Synopsis:** A team of 5 designers and 3 developers on the path to creating a digital platform that breaks distance to help people to reconnect with their separated loved ones in a naturally intimate way, leveraging latest wearable technology. In their research of current technological innovations that would serve our goals, the team discovered a technology that determines a user's mood through biological data such as blood pressure, heart rate, breathing pattern and vocal tone. Brainstorming how this technology could be sculpted into a delightful product experience to solve our problem in mind, we conducted ideation sessions to come up with various concepts through multiple rounds of sketching and iteration. Conducting business research to understand which platforms would solve our user needs the best, we noticed trends that showed smartwatch products such as Apple watch or Android wear with increasingly growing market sizes and technological offerings that make implementation of our solution easy. Leveraging the API(Application Program Interface) created by the development team, we worked towards coming up with various iterations of different use cases thus furnishing a quick prototype through which rounds of feedback and additional rounds of iteration were followed. Through further analysis of the wearables market and mentorship advice from professors and alumni mentors from the Silicon Valley, we understood the unique opportunity space to create our own wearable product that lets users share their mood.

## **Large Group Award: Using Innovations in Technology to Combat Violence:**

**Faculty, Staff & Community Industry Mentors:** **Dr. Caroline J. Easton** (CHST, Professor/Researcher and PI); **Dr. Richard L Doolittle** (CHST, Professor/Faculty Researcher); **Meghan Lewis, Alli O'Malley, Nicole Trabold, Cassandra Berbary, Lindsay Chatmon, Brittany St. Jean, Joshua Aldred, Akshay Kumar Arun, Anthony Perez, Karie Carita, Jason Chung, Keli DiRisio**

**Synopsis:** Violence is escalating and continues to contribute to the burden of disease at the worldwide level. The negative consequences are devastating to families and society as a whole. The health consequences are numerous and include trauma, substance misuse, depression, anxiety disorders, medical problems and loss of work. The estimated cost to treat victims of violence and offenders is \$5.8 billion dollars each year. Compounding this problem is the absence of effective treatments for violence, especially among those who offend violence. Clinicians and policy makers look for answers to help intervene to treat the after effects of violence. We believe that advances in science (e.g., targeted and evidenced based behavioral therapy strategies) can be delivered by interactive technological platforms, which can standardize the way behavioral health problems are screened and treated. Violence is contagious and often multi-generational, which, in turn, requires all necessary means to intervene in ways that are easily disseminated allowing access to evidenced based screening and treatment strategies..

## **Co-Sponsored Event**

### **Teachers on Teaching with Dina Newman and Jennifer Schneider:**

#### **“Getting Students to Work Harder and Smarter: ILI/Fram Course Redesign Institute on Building Student Critical Thinking”**

Date: Thursday, June 1, 2017  
Time: 9:00 am – 12:00 pm  
Place: Campus Center 1010/1015

How can you help your students to be actively engaged in their own learning? Foster applied critical thinking in the classroom. Bring a lesson or module you wish to revise and join us for a three-hour workshop, as we show you how to design activities that ask students to apply specific critical thinking skills. Then, work with instructional designers at your convenience during the summer and the 2017-18 academic year to identify formal and informal assessment opportunities, such as surveys, informal classroom observation, and small group instructional feedback, that will give you data you can use to refine your approach.

Participants will receive a copy of *Understanding by Design* by Grant Wiggins and Jay McTighe. (Light refreshments will be provided.)

The deadline to register for this event is Monday, May 29, 2017 at 5:00pm.

## From Gene Fram

With expanding AI, **critical thinking** will become an important tool to help stay ahead of rapidly changing job patterns.

<https://dupress.deloitte.com/dup-us-en/focus/cognitive-technologies/artificial-intelligence-government-summary.html?id=us:2em:3na:dup3951:awa:dup:050117:aigov:cam&sfid=0031400002mUFumAAG>