Designing Technologies and Experiences for Music Making, Learning and Engagement

S. Alex Ruthmann

@alexruthmann

http://musedlab.org/

http://nyumusedlab.github.io/

musEDlab
NYU music Experience Design lab

NYU | STEINHARDT

musEDlab

NYU music Experience Design lab

Dr. S. Alex Ruthmann
Associate Professor of Music Education & Music Technology

We research, design, and develop ***new technologies*** and ***experiences*** for music making, learning, and engagement together ***with community*** and ***industry partners***.

http://www.nyu.edu/projects/ruthmann/PWYM/airtraffic/

CHAMBER MUSIC SOCIETY of DETROIT

P2PU

mit media lab

BERGEN FILHARMONISKE ORKESTER

ooid
MUSIC ENGAGEMENT FORMAT

urban arts partnership

Everywhere there is music is an opportunity for a music educator to work.

Communities

Schools

Home

Online

User- & Design-based Approaches to Development

Software Development as Music Education Research - SoDaR (Brown, 2007)

Design-based Research (Hoadley, 2002)

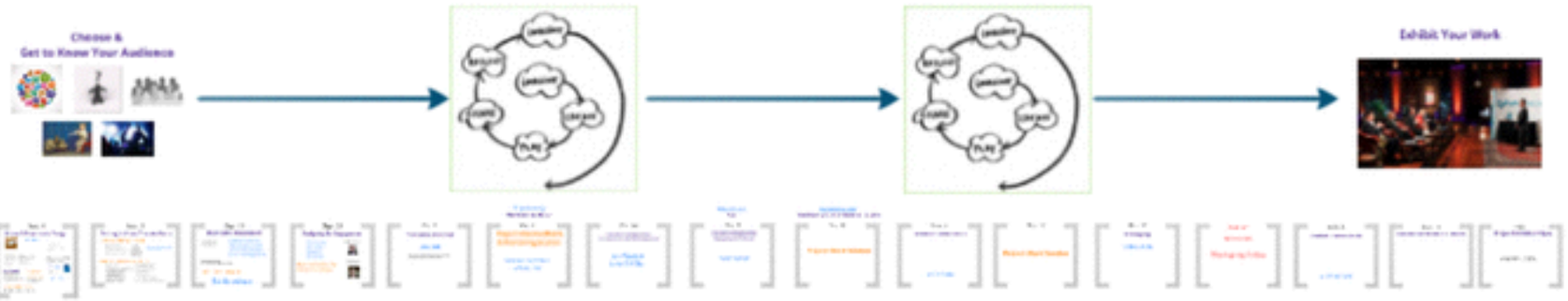
Design Thinking (IDEO, etc.)

Play, Making, Tinkering, Curiosity

MPAME-GE 2035 - Technological Trends in Music Education

Designing Technologies & Experiences for Music Making, Learning and Engagement

MusEDLab Design Process: --->



Class Overviews: --->

Readings and Assignments: --->

Reflection & Documentation: --->

Supplemental Materials: --->

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Fall 2014

S. Alex Ruthmann, Instructor

Global Online Learning Communities for Music

Play With Your Music

Join a community of musicians exploring new ways to create, experiment and learn.
Together we can reimagine and reinvent music and audio education.

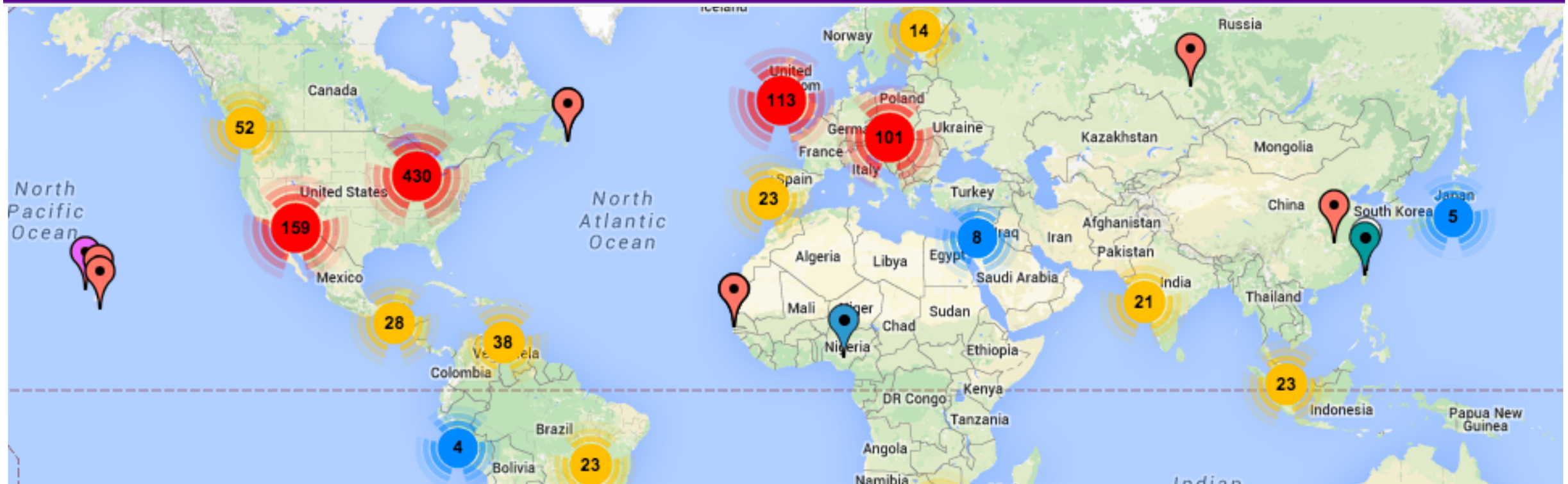
LEARN MORE ›

Join a Cohort

SIGN-UP here to become a member of the next cohort participating in Play With Your Music. It's better together!

email address

SUBMIT



Multitrack Balancing & Mixing

Custom Online Multitrack Interface

Chamber Music Society of Detroit

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NYU music Experience Design lab
NYU Steinhardt

Press the 'z' through '/' keys on the bottom row of your computer keyboard to play along with the video.

Music composed and performed by Steve Wogaman ... **and YOU!**

Designed by @alexruthmann at the NYU Steinhardt Music Experience Design Lab. HTML 5 web audio code adapted from Yotam Mann.

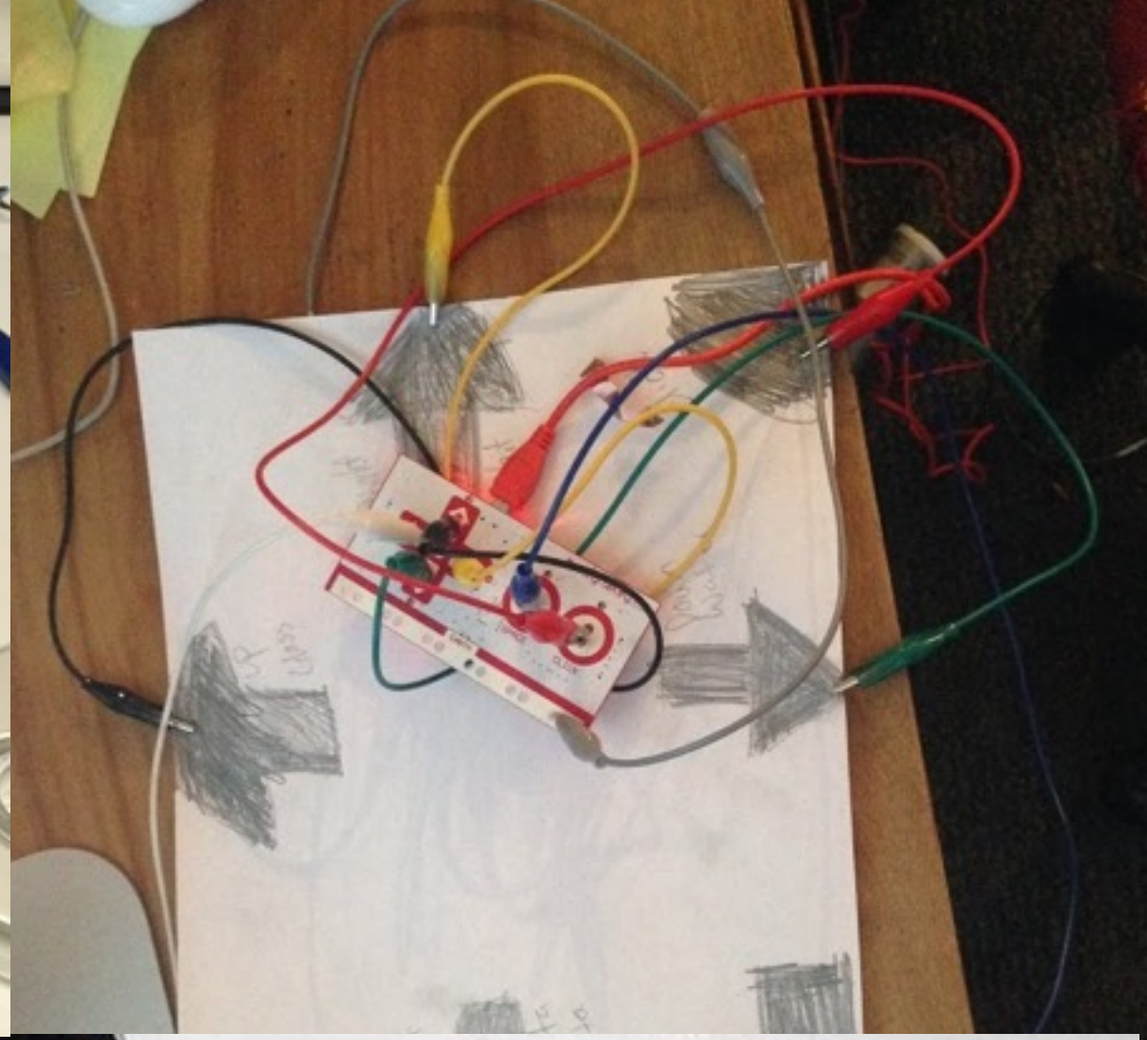
MaKey MaKey users: you can play 10 different piano notes, using w, a, s, d, f, left, up, right, down and space.

Enter a video url

Pianoetta | Chor/Sca | Root

1

+



IT'S
THE
BEAT

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