

# Ethan Hein

## Curriculum Vitae

Steinhardt School, New York University  
35 West 4<sup>th</sup> Street, Suite 1077  
New York, NY 10021  
212-998-5424  
eh1141@nyu.edu

535 Dean Street #207  
Brooklyn, NY 11217  
917-838-7784  
ethan@ethanhein.com

---

### EDUCATION

**2014:** M.Mus., Music Technology, New York University, NY. Thesis: "Designing the Drum Loop, a Constructivist Rhythm Interface for Beginners."

**1997:** B.A., Amherst College, MA.

### PUBLICATIONS

#### Invited and Refereed Book Chapters in Edited Volumes

**2014 (in press):** Hein, E. "Core Perspective"; "Further Perspective" In A. Ruthmann & R. Mantie, Eds., *The Oxford Handbook of Technology and Music Education*. New York: Oxford University Press.

**2014:** Hein, E. "Music Games in Education." In K. Schrier, Ed., *Learning and Education Games Volume 1: Curricular and Design Considerations*. Pittsburgh, PA: ETC Press.

#### Manuscripts in Submission

**2014:** Hein, E. & Ratcliffe, J. "Composers, Technicians and Inventors in the Digital Studio." *Leonardo Music Journal*.

**2014:** Bell, A.P., Hein, E., & Ratcliffe, J. "Beyond Skeuomorphism: Moving Digital Interfaces Beyond Analog Metaphors." *Journal on the Art of Record Production*.

#### Manuscripts in Preparation

**2014:** Bell, A.P. & Hein, E. "Pop Musicians in the Academy."

**2014:** Hein, E. "Blues Tonality."

#### Other Publications

**2014 (in press):** Hein, E. "Have Billboard Top 25 Hits every year over the last 50 years gotten simpler?" *Best of Quora*, Quora.com. Limited distribution print collection.

**2014:** Hein, E. "How Can Traditional Music Theory Mesh With Modern Pop Music?" *Slate.com*, February 17, 2014.

## PANELS

**2014:** "Designing Video Games for Education" *International Game Developer's Association—Learning, Education and Games Special Interest Group*, New York University. Moderator: Karen Schrier (Marist College). Panelists: Elena Bertozzi (Quinnipiac University); Ethan Hein (New York University); Gabriela Richard (University of Pennsylvania).

**2014:** "Popular Music Pedagogies" *IMPACT: Creative Collaboration in Technology and the Arts*, New York University. Moderator: Ethan Hein. Panelists: Adam P. Bell (Montclair State University); Ryan Bledsoe (Arizona State University); Eva Egolf (Brooklyn College); Jared O'Leary (Arizona State University); Jesse Rathgeber (Arizona State University).

**2012:** "Mashup Culture" *The Colin McEnroe Show*, Connecticut Public Radio. Moderator: Colin McEnroe. Panelists: Ethan Hein; DJ Earworm.

**2010:** "Fan Wars: Copyright vs. Mash-ups and Fan Fiction" *Copyright Society of America*, New York, NY. Moderator: Jay Kogan (DC Comics). Panelists: Ethan Hein; Sonia Katyal (Fordham Law School); Shaka McGlotten (Purchase College); Martin Schwimmer (Moses & Singer).

## CITATIONS

**2014:** Biamonte, N. "Formal Functions of Metric Dissonance in Rock Music." *Music Theory Online*, 20(2).

**2011-2014:** Course syllabi at The Cooper Union, Wesleyan College, City College of New York, the Berklee School of Music, City College of San Francisco, North Carolina State University, the University of Nebraska, Florida State University, Agnes Scott College, the University of the Andes, Wittenberg University, and elsewhere.

## AWARDS AND HONORS

**2014:** Special Recognition for Innovative Contributions to Music Education, Graduate Music Education Program, Steinhardt School, New York University

## TEACHING EXPERIENCE

**2014-present:** Steinhardt School, New York University

Music Education Technology Practicum (undergraduate). Designed, sole taught.

Electronic Music Production and Performance, IMPACT workshop (undergraduate and graduate). Designed, sole taught.

**2014-present:** John J. Cali School of Music, Montclair State University

Introduction to Music Technology (undergraduate).

Advanced Electronic Music Composition (graduate independent study).

**2000-present:** Private studio

Individual guitar, music theory, recording, and composition instruction.

Group blues harmonica class hosted by New York University Residential Life.

Music technology consulting services and guest workshops for Williamsburg Charter School, NY; City At Peace, NY; New York University Tisch School.

#### RESEARCH EXPERIENCE

**2013-present:** Research Associate, NYU Steinhardt Music Experience Design Lab. Design and develop innovative music education resources, including software, hardware, web-based courses and interactive experiences, and instructional videos.

#### MEDIA COVERAGE

**2013:** Interviewed and quoted in Thompson, C. (2013). *Smarter Than You Think: How Technology is Changing Our Minds for the Better* (p. 353). The Penguin Press.

**2009:** "Michael Jackson Sample Map"—visualization of songs sampling Michael Jackson. Featured on MTV.com; VH1.com; MSNBC's Clicked; Rachel Maddow's Map Room; The State (Columbia, SC); Infomuzyka (Poland); Michael Jackson's official web site. Viewed online over 100,000 times.

#### SELECTED MUSICAL WORKS AND PERFORMANCES

**2014:** *Studio 360*, WNYC. Kurt Andersen (host); Chocolate Genius (guest host).

"Green Dog"—remixed piano roll of "The Yellow Dog Blues" by W.C. Handy, incorporating samples of James Brown

**2012:** *As Real As It Gets*—Marc Wiedenbaum (music curator); Rob Walker (exhibit curator). apexart gallery, New York, NY.

"Departure Store" for harmonica and Ableton Live by Ethan Hein

"Harmonica Figure" for harmonica and Ableton Live by Ethan Hein

**2006:** *Hair*—Rubén Polendo, director; Todd Almond, musical director. Tisch School, New York University.

Co-created radically new arrangements of the score; sequenced and arranged electronic textures; performed live on laptop and guitar.

#### **MUSIC TECHNOLOGY SKILLS AND EXPERIENCE**

**2012-2014:** Recording engineer, James L. Dolan Studio, New York University, NY. Produced, engineered and mixed recording sessions for diverse ensembles ranging from classical to rock to avant-garde electronic.

**2001-present:** Freelance music and audio production. Record and produce singer-songwriters, bands, emcees, dance music producers, and film and theater scores. Named by Rob Walker (New York Times, Yahoo News) as "the most pleasing musical discovery of 2013."

**Software:** Pro Tools TDM, Logic, Ableton Live, Reason, Recycle, GarageBand, Liquid Rhythm, Melodyne, Sibelius, Noteflight, Iris.

**Hardware:** Akai APC40, Ableton Push, MaKey MaKey.

#### **PROFESSIONAL MEMBERSHIPS**

The Mayday Group

The Disquiet Junto