Brooklyn College
Center for Computer Music

Brooklyn College Center for Computer Music (BC-CCM)

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- Noteworthy for Dodge's fostering a diverse community of researchers and composers, at a time when other centers were difficult to access.

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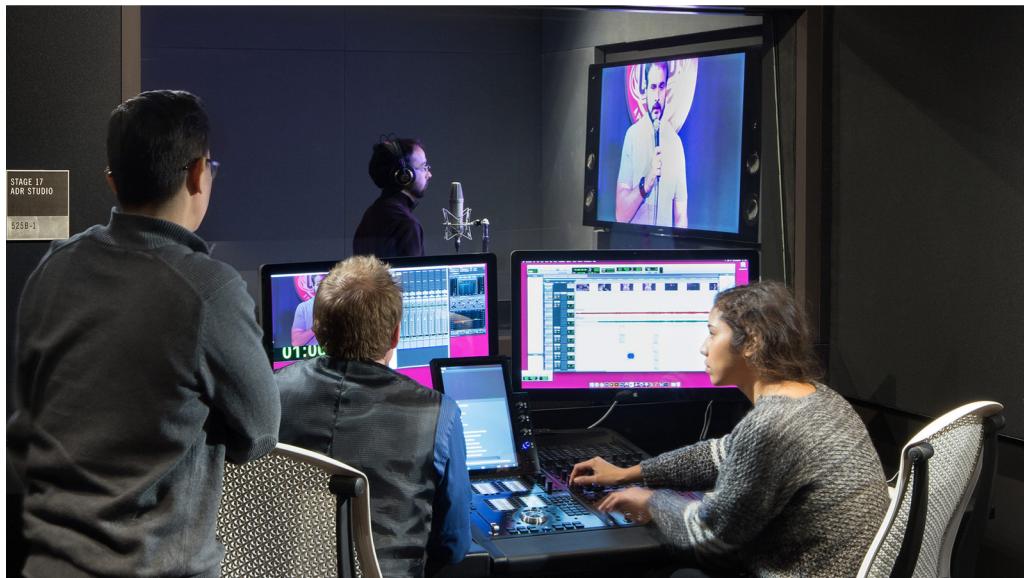
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- Goal is to connect musical creativity with:
  - Computer programming
  - Design (sound and electronics)
  - Audio research (cognition, psychoacoustics)
  - Algorithmic creation (mathematics)
 - Multimedia arts
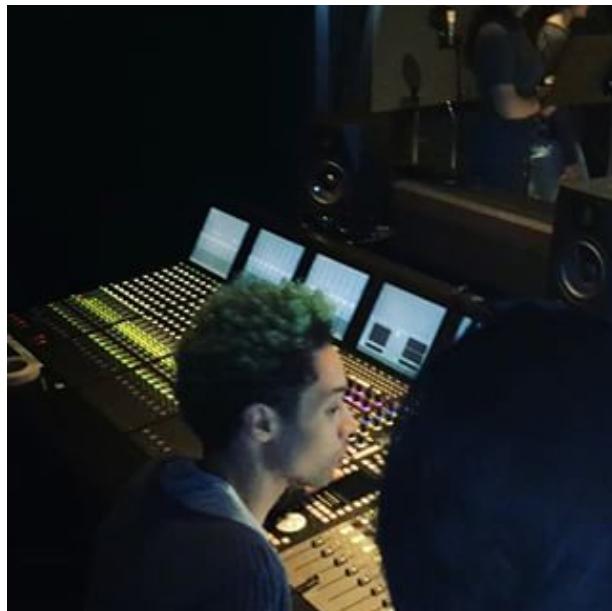
Two MFA programs:

- MFA in Media Scoring

- MFA in Sonic Arts

Sonic Arts MFA:

- Serving composers for whom technology is intrinsic to their creative practice.

Sonic Arts MFA:

- Students can choose balance between their artistic and research interests and technical skills applicable to specific career paths.

Media Scoring MFA:

- Serving composers seeking careers in music composition and production for visual media.

Media Scoring MFA:

- Located at the Feirstein Graduate School of Cinema facility.

Media Scoring MFA:

- Emphasis on exposing students to many roles in the music production industry.

Students

Faculty includes:

- George Brunner
- Douglas Cohen
- Johanna Devaney
- Doug Geers
- David Grubbs
- Angela Piva

- Marina Rosenfeld
- Morton Subotnick
- Ben Vida
- Red Wierenga
- Jonathan Zalben

Faculty research areas:
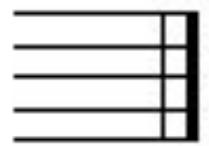
- Music cognition
- Audio analysis
- Interactive music
- Software and hardware instrument design
- Composition and improvisation
- Audio production
- Music licensing and music business

Courses:

- Acoustics and Psychoacoustics of Music
- Computer-Assisted Composition
- Interactive Computer Music
- Advanced Interactive Computer Music
- History of Electronic & Computer Music
- History of Sound Art
- History of Popular Music and Technology
- History & Analysis of Cinema Scores
- Analysis of Electroacoustic Music
- Music Business for Composers
- Techniques for Recording Music/Audio Engineering

- Advanced Audio Recording and Engineering
- Sequencing/Sampling
- Sound Design I
- Sound Design II
- Conducting for Recording Sessions
- Orchestration for Cinema I
- Orchestration for Cinema II
- Scoring for Motion Pictures & New Media
- Scoring Composition Seminar
- Musicianship for Sound Artists
- Building Electronic Music Instruments I and II
- Computer Music I and II

- Computational Musicology
- Music Signal Processing
- Seminar in Sonic Arts
- Special Topics in Sonic Arts
- Sonic Arts Capstone Seminar
- Music Production Workshop I
- Music Production Workshop II
- Private Scoring Lessons I
- Private Scoring Lessons II
- Media Scoring Capstone I
- Media Scoring Capstone II
- Sonic Arts Composition I
- Sonic Arts Composition II
- Sonic Arts Composition III
- Sonic Arts Composition IV
- Introduction to Music Technology
- Electroacoustic Music I and II

Video clips:

- https://youtu.be/XBv0WFgWqmA

- https://youtu.be/UhotIZTiH0U

- https://youtu.be/SvF7qh4g0fQ

www.bc-ccm.org