

FRED HOSKEN

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UNIVERSITY POSITIONS

Butler University Assistant Professor in Music Theory Music Theory & Aural Skills Coordinator	2024-Present
The Crane School of Music, The State University of New York at Potsdam Visiting Assistant Professor in Music Theory	2023-24
Georgetown University Assistant Professor of Practice in Music Theory	2021-23
Northwestern University Instructor of Record	2018-20

EDUCATION

Northwestern University Ph.D. in Music Theory & Cognition Dissertation Title: “The Pocket: A Theory of Beats as Domains” Committee: Richard Ashley (chair), Anne Danielsen, Danuta Mirka	2021
University of Oxford, Wadham College Master of Studies in Music, Distinction	2014
King’s College London Bachelor of Music, First Class Degree	2013

PUBLICATIONS

Articles

- Hosken, F. (2026). AI Stem Separation Tools in the Aural Skills Classroom. *Journal of Music Theory Pedagogy*, 39(1-2), 39–58. (Special issue on AI and its implications for music theory pedagogy)
- Hosken, F., Bechtold, T., Hoessl, F., Kilchenmann, L., & Senn, O. (2021). Drum Groove Corpora. *Empirical Musicology Review*, 16(1), 114–123. (Special issue on open science in music research)
- Hosken, F. (2020). The Subjective, Human Experience of Groove: A Phenomenological Investigation. *Psychology of Music*, 48(2), 182–198.

Book Reviews & Interviews

- Hosken, F. (2024). *Dilla Time*: Dan Charnas and Fred Hosken, in Conversation. *IASPM Journal*, 14(2), 211–216.

Articles in Review

- Hosken, F. (In Review). Characterizing a Signature Metric Feel: The Stax Sound. *Journal of Music Theory*.
- Hosken, F. (In Review). Dynamically Changing Pockets and Form in “Superstition.” *Music Theory Online*.

Hosken, F. (In Review). AI Stem Separation & MIR: Assessing the Validity of Analyses That Use AI-Isolated Audio. *Empirical Musicology Review*.

Hosken, F. (In Review). Raising Heads From the Score: Integrating Performance Analysis in Aural Skills Pedagogy. *Engaging Students: Essays in Music Pedagogy*.

Hosken, F. (In Review). Counted But Not Centered: Demographic Diversity and Framing in Post-2020 Music Theory Textbooks. *Journal of Music Theory Pedagogy*.

Articles in Preparation

Hosken, F. (In Preparation). ModernDrummerGPT: Exploring the Emic Discourse of Groove in a Corpus of Music Magazines with a Retrieval-Augmented Language Model. *PLOS One*. Hosken, F. (In Preparation). The Language of ‘Feel’: Understanding J Dilla’s ‘Perfectly Imperfect’ Rhythm in Musicians’ Words. *Black Music, In Theory*.

PRESENTATIONS & WORKSHOPS

- “Beyond Representation: Textbook Repertoires and Structural Change after Ewell’s Call to Action.” *Pedagogy into Practice*. Vancouver, Canada. **2026**
- “The Gaming Mindset in the Theory Classroom: Utilizing Constructive Competition for the Practice and Assessment of Speed and Accuracy in Core Theory Classes” [Poster]. *Joint AMS-SMT Annual Meeting*. Minneapolis, MN. **2025**
- “Analyzing Recorded Music in the Aural Skills Classroom” [Poster]. *Transitions: A Pedagogy Workshop for Evolving Music Theory Curricula*. New York City, NY. **2025**
- “Scaffolding the Development of Auditory Streaming Skills with AI Stem Separation Tools.” *Society for Education, Music and Psychology Research Conference*. Manchester, UK. **2025**
- “The Language of ‘Feel’: Understanding J Dilla’s ‘Perfectly Imperfect’ Rhythm in Musicians’ Words.” *47th Annual Meeting of the Society for Music Theory*. Jacksonville, FL. **2024**
- “The Language of ‘Feel’: Understanding J Dilla’s ‘Perfectly Imperfect’ Rhythm in Musicians’ Words.” *Annual Meeting of the Music Theory Society of New York State*. Ithaca, NY. **2024**
- “The Stax Sound: Unique Southern Soul Groove or Anti-Motown Marketing Ploy?” *IASPM-US Conference: Grooves and Movements*. Ann Arbor, MI. **2022**
- “Characterizing a Signature Metric Feel: The Stax Sound.” *44th Annual Meeting of the Society for Music Theory*. **2021**
- “The Perception and Discrimination of Different Musical ‘Feels.’” *ICMPC16-ESCOM11 Conference*. **2021**
- “The Perception and Discrimination of Different Musical ‘Feels.’” *Rhythm Perception and Production Workshop*. **2021**
- “Metric Feel and Form in ‘Superstition’: Analyzing Stevie Wonder’s Beat ‘Pockets.’” *Joint AMS-SMT Annual Meeting*. **2020**
- “Metric Feel and Form in ‘Superstition’: Analyzing Stevie Wonder’s Beat ‘Pockets.’” *32nd Annual Meeting of Music Theory Midwest*. **2020**
- “Tight Verses and Loose Choruses: The Shaping of the Metric ‘Pocket’ Across Pop Forms.” *15th UK & Ireland IASPM Conference*. **2020**
- “The Production of the ‘Pocket’: Beats as Domains in a Corpus of Drum Grooves.” *Biennial Meeting of the Society for Music Perception and Cognition*. New York City, NY. **2019**
- “The Production of the ‘Pocket’: Beats as Domains in a Corpus of Drum Grooves” [Poster]. *Rhythm Perception*

and Production Workshop. Traverse City, MI. **2019**
 “Embodied Responses to the Drop: Expectation Fulfillment and Strength.” *25th Anniversary Conference of the European Society for the Cognitive Sciences of Music*. Ghent, Belgium. **2017**

Invited Talks

“AI Stem Separation & MIR: Assessing the Validity of Analyses That Use AI-Isolated Audio.” *Rhythm Under the Microscope: An Interdisciplinary Conference on Microrhythm and Groove in Popular Music*. Vienna, Austria. **2024**

HONORS & AWARDS

Program Honors, Northwestern University	2022
Arthur J. Komar Award, Music Theory Midwest (Outstanding student presentation)	2020
Honorary Lifetime Member, University of London Union (Service and student leadership)	2013
Purcell Prize, King’s College London (Highest grades overall in BMus)	2013
Sam Brooke Exhibition, King’s College London (Highest grades in second year of BMus)	2012

GRANTS

Research & Scholarship

Butler Awards Committee Faculty Research Grant, Butler University (Research funding)	2026
Holcomb Awards Committee Faculty Research Grant, Butler University (Research funding)	2025
Northwestern University Fellowship (Graduate studies funding)	2016 & 2020
V.M. Brooks Fund, Northwestern University (Conference travel)	2019
Cognitive Science Travel Grant, Northwestern University (Conference travel)	2019
Digital Humanities Research Award, Northwestern University (Training at University of Oslo)	2019
The Graduate School Research Award, Northwestern University (Resource and travel funding)	2019
Conference Travel Grant, Northwestern University	2017
Graduate Research Award, Oxford University (Archival research funding)	2014

Classroom Support

CNDLS Curriculum Enrichment Grant, Georgetown University	2022
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TEACHING EXPERIENCE

Butler University

Theory I, II, & III	2024-26
Aural Skills I–IV	2024-26
Form & Analysis	2026
Music Theory Pedagogy (co-taught)	2026
Graduate Music Theory Review	2024-25

The Crane School of Music, SUNY Potsdam

Freshman Theory & Aural Skills (two-semester integrated sequence)	2023-24
Aural Skills Lab	2023-24

Patuxent Institute (Georgetown University: Prisons and Justice Initiative, Prison Scholars Program)

Popular Music: Analysis & Interpretation	2023
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Georgetown University

Popular Music: Analysis & Interpretation	2023
Appropriation in Music	2022
Jazz History	2022
Advanced Harmony: Theory II	2022 & 2023
Elements of Music: Theory I	2021 & 2022

Northwestern University

Understanding Popular Music (Online, mostly synchronous, non-majors) · Instructor of Record	2020
Sophomore Music Theory (3 quarters) · Instructor of Record	2019-20
Freshman Aural Skills (3 quarters) · Instructor of Record	2018-19

K-12 Education & Freelance Teaching

Classroom Music Teacher · Tabernacle School (Ages 5-16) & Lionheart Education, UK (15-16)	2014-16
Instrumental Music Teacher · Freelance (Ages 5-60) & Old Vicarage School, UK (5-11)	2005-16

MENTORING

External Ph.D. Advising (Non-Committee)

Clara Byom · Ph.D. candidate in Interdisciplinary Fine Arts at Texas Tech University Area of Research: Experience of Groove in Social Folk Music-Dance	2025-Present
Lana Ćosić · Ph.D. candidate in Teaching and Learning at Vanderbilt University Area of Research: Synchrony and Coordination in Theatre Rehearsal Techniques	2025-2026

SERVICE

School of Music

Butler Academic Music Studies Group, Co-Coordinator	2024-Present
Master's Degree Oral Examination, Committee Member	
Alex Beauchamp	2026
Kevin Cooney	2026
Olander Porter	2026
Charissa Garrigus	2025
Tom Johnson	2025
Noah Magnus	2025
Michelle Robinson	2024

Butler University

Faculty Senator-at-Large	2025-Present
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Previous Institutions

Title IX Hearing Officer & Advisor, SUNY Potsdam	2023-24
Learning, Equity, Access, and Pedagogy Initiative, Georgetown University	2022-23
Main Campus Executive Faculty, Georgetown University	2022-23
Writing Mentor, Northwestern Prison Education Program	2021
Teaching and Learning Technologies Graduate Assistant, Northwestern University	2020-21
Graduate Writing Fellow, Northwestern University	2019-21
Student Leader of Music Theory & Cognition Colloquium Committee, Northwestern University	2017-19

Journal Leadership

Reviews Editor, <i>IASPM Journal</i>	2025-Present
Editorial Board, <i>Theory & Practice</i>	2024-Present
Assistant Reviews Editor, <i>IASPM Journal</i>	2022-25
Editorial Assistant, <i>Music Theory Online</i> , Volumes 25.2-29.1	2019-23

Journal Reviewing

Theory & Practice
IASPM Journal
Music Perception
Psychology of Music
Transactions of the International Society for Music Information Retrieval
Revue Musicale OICRM
PLOS One
Journal of Music Theory Pedagogy

Society Service

Book Award Jurist for the International Association for the Study of Popular Music	2025
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Conference Committees & Session Chairing

Arthur J. Komar Award Committee, Music Theory Midwest	2025
SEMPRE (Conference Program Committee)	2025
Invited chair of the session: "Entrainment & Groove" at the Rhythm Under the Microscope Conference	2024
Invited chair of the session: "Making Popular Music" at the Music Theory Society of the Mid-Atlantic Conference	2023
Invited chair of the session: "Analyzing & Interpreting Grooves" at the International Association for the Study of Popular Music US Branch Conference	2022
Music Theory Midwest (Conference Program Committee)	2021
Midwest Graduate Music Consortium (Conference Program Committee)	2019

TRAINING & CERTIFICATIONS

Teaching With Artificial Intelligence, Butler OEET in partnership with Auburn University Biggio Center for the Enhancement of Teaching and Learning	2025
Computational Thinking Workshop, Butler OEET	2025
Reporting Abuse and Neglect, The Indiana Child Welfare Education and Training Partnership	2025
Mental Health First Aid	2024

PROFESSIONAL MEMBERSHIPS

Society for Music Theory
Society for Education, Music and Psychology Research
Society for Music Perception and Cognition
International Association for the Study of Popular Music
Music Theory Midwest
Pi Kappa Lambda National Music Honor Society