HUW WILLIAM CHESTON

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EDUCATION

Ph.D., Music   *expected* September, 2024
Centre for Music & Science, University of Cambridge, UK

> **Thesis:** Modeling Improvised Musical Interaction *(preliminary title)*
> *Supervisor:* Peter Harrison & Ian Cross
> Demonstrated how tools from computational musicology and cognitive psychology
> can inform research on musical improvisation and human interaction

MSt., Musicology, *Distinction*   October, 2020
Linacre College, University of Oxford, UK

> **Dissertation:** Making Music Alone: Time, Temporality, and Expression in Unaccompanied
> Jazz Improvisation
> *Supervisor:* Eric Clarke
> Final mark of 85%, *graduated with the highest mark in the year*

BA., Music, *First Class*   June, 2019
Christ Church, University of Oxford, UK

> Final mark of 76%, *graduated with the highest mark in the year*

TECHNICAL SKILLS

Programming

– Python 🐍 (NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, SciPy, Statsmodels, OpenCV, Jinja, Librosa)
– R (ggplot2, lme4, tidyverse)
– Misc.: **git**, LaTeX, Jupyter, Colab, PyCharm, RStudio, Docker, DataSpell, Stata, HTML

Statistics

– Modelling and forecasting
– Working with large data sets
– Working with time-series data in modelling
– Data wrangling and cleaning
– Data visualisation, including interactive plots

AWARDS AND PRIZES

Conference Paper Presentation Award (*£ 500*)   August, 2022
Cambridge Digital Humanities
Travel Grant to present a paper at *Conference on Interdisciplinary Musicology*

Vice-Chancellor's Award (*£ 75,000*)   September, 2021
Cambridge Trust
Full scholarship (fees & stipend) for Ph.D Music

Lewis Research Scholarship in the Humanities   September, 2021
Robinson College, University of Cambridge
Joint award with above

Musicology Prize (*£ 100*)   October, 2020
Faculty of Music, University of Oxford
Awarded for highest mark in the 2020 MSt. Musicology cohort

Louis Curran Graduate Scholarship (*£ 25,000*)   August, 2019
Linacre College, University of Oxford
Full scholarship (fees & stipend) for MSt. Musicology

Gibbs Prize in Music (*£ 500*)   June, 2019
Faculty of Music, University of Oxford
Awarded for highest mark in the 2019 BA. Music cohort

Clifford Smith Prize (*£ 130*)   June, 2019
Christ Church, University of Oxford
Awarded on basis of continued academic excellence

Academic Scholarship (*£ 300* x2)   September, 2018; September, 2017
Christ Church, University of Oxford

Collections Prize (*£ 50* x2)   September, 2018; September, 2017
Christ Church, University of Oxford
Awarded for performance in formative examinations

PUBLICATIONS

Conference Proceedings

Cheston, H., Cross, I., & Harrison, P. (2022). The effects of variable latency timings and jitter on networked musical performances. Poster presented at the 15th International Conference of Students of Systematic Musicology (SysMus22), University of Ghent, Belgium. [Proceedings]

Cheston, H., Cross, I., & Harrison, P. (2022). Measuring the effects of variable latency timings on

networked jazz performances. Poster presented at the SEMPRE 50th Anniversary Conference, Senate House, University of London, UK.

Cheston, H. (2022). "Turning the beat around": Time, temporality, and participation in the jazz solo break. Paper presented at the 13th Conference on Interdisciplinary Musicology: 'Participation', University of Edinburgh, UK. [Proceedings]

Other Publications

Cheston, H. (2022) Conference Review: Interdisciplinary Musicology 2022: 'Participation'. Royal Musical Association. [Conference review]

In Preparation

Cheston, H., Cross, I., & Harrison, P. (*in preparation*). Leader-follower relations optimize coordination in networked jazz performances. *S*ubmitting to Psychological Science, May 2023.

FUNDING

Project Incubation Award (*£ 2000*)   May, 2022
Cambridge Digital Humanities
Awarded for continual development and testing of *Audio-Visual Manipulator* software for studying musical interaction in experiments [Project page]

TEACHING

Guest Lecturer   Winter 2021 - Spring 2023
Faculty of Music, University of Cambridge
Delivered guest lecture for Undergraduate level *Introduction to Music Psychology* course

Supervisor   Spring 2022 - Spring 2023
Faculty of Music, University of Cambridge
Delivered three supervisions for Undergraduate level on *(i)* analysing musical performances empirically, *(ii)* introduction to programming in Python and R, *(iii)* visualising and generating data

TRAINING

Social Sciences Research Methods Programme, University of Cambridge:
  – Time Series Analysis   Spring, 2022
  – Further Topics in Multivariate Analysis   Spring, 2022
  – Doing Multivariate Analysis   Winter, 2021
  – Basic Quantitative Analysis   Winter, 2021
  – Foundations in Applied Statistics   Winter, 2021

EXPERIENCE

Non-University Teaching

Graduate Music Teaching Assistant   September 2020 – June 2021
Kingswood School, Bath, UK

Interviewer   Summer 2019
Oxford Tutors, Oxford, UK

Private Music Tutor   Summer 2018
Remote, UK

Music

Freelance Musician   September 2016 – current
Professional work across the UK on Guitar, Bass Guitar. Clients include Blenheim Palace, United Grand Lodge of England, Oxford Symphony Orchestra, TRUCK Festival

Sound Technician   September 2016 – current
Sound production, mixing, mastering for a variety of projects in both live and studio settings, clients including ATMOSPHERE Opera Festival, Oxford Playhouse [Showreel link]

Administrator, WallpaperJazz [Website link]   June 2016 – current
Online blog hosting transcriptions of jazz improvisations, currently averaging 1000+ worldwide views monthly across 75 countries.

REFERENCES