

Nick Ballou

PHD CANDIDATE - MOTIVATIONAL PSYCHOLOGY OF VIDEO GAMES

☎ (+44) 07367 525567 | ✉ nick.ballou@gmail.com | 🏠 nickballou.com | 💻 [nballou](https://nballou.com) | 🐦 [@nballou](https://twitter.com/nballou)

Education

Queen Mary, University of London

CDT in Intelligent Games and Game Intelligence (IGGI)

London, UK

PHD IN VIDEO GAME PSYCHOLOGY

Sep. 2019–present

- **Topic:** When does frustration in games motivate and support well-being, and when not?
- **Themes:** self-determination theory, dysregulated gaming (aka gaming disorder), player experience
- **Supervisors:** Prof Sebastian Deterding (University of York), Dr Laurissa Tokarchuk (Queen Mary), and Dr David Zendle (University of York)

University of Cambridge

Cambridge, UK

MPhil *with distinction* IN THEORETICAL AND APPLIED LINGUISTICS

2017–2018

- Research areas: phonetics, second language acquisition, computer-assisted language learning
- Supervisor: Dr Calbert Graham

Tulane University

New Orleans, LA, USA

BS *magna cum laude* IN LINGUISTICS AND ENVIRONMENTAL STUDIES

2012–2016

Skills

Programming	R(Markdown), LaTeX, Python (Basic), SQL (Basic)
Research Methods	Inferential Statistics, Structural Equation Modeling, Multi-level models
Open Science	Data Sharing/Management, Preregistration, Questionable Research/Measurement Practices
Languages	German (C1), Dutch (B2), French (B1)
Games	Game Design, Game Development (Unity/C#), User Research

Publications

JOURNAL ARTICLES

Parsons, S., Azevedo, F., Elsherif, M. M. & **110 others including Nick Ballou**, (2022). A Community-Sourced Glossary of Open Scholarship Terms.

Nature Human Behaviour, 6(3), pp. 312–318, 2022, DOI: [10.1038/s41562-021-01269-4](https://doi.org/10.1038/s41562-021-01269-4)

Ballou, N. & Van Rooij, A. J., (2021). The Relationship between Mental Well-Being and Dysregulated Gaming: A Specification Curve Analysis of Core and Peripheral Criteria in Five Gaming Disorder Scales.

Royal Society Open Science, 8(5), pp. 1–28, 2021, DOI: [10.1098/rsos.201385](https://doi.org/10.1098/rsos.201385)

Ballou, N. & Zendle, D., (2021). “Clinically Significant Distress” in Internet Gaming Disorder: An Individual Participant Meta-Analysis.

Computers in Human Behavior, p. 107140, 2021, DOI: [10.1016/j.chb.2021.107140](https://doi.org/10.1016/j.chb.2021.107140)

Vuorre, M., Zendle, D., Petrovskaya, E., **Ballou, N.** & Przybylski, A. K., (2021). A Large-Scale Study of Changes to the Quantity, Quality, and Distribution of Video Game Play during a Global Health Pandemic.

Technology, Mind, and Behavior, 2(4), 2021, DOI: [10.1037/tmb0000048](https://doi.org/10.1037/tmb0000048)

Zendle, D., Meyer, R. & **Ballou, N.**, (2020). “The Changing Face of Desktop Video Game Monetisation: An Exploration of Trends in Loot Boxes, Pay to Win, and Cosmetic Microtransactions in the Most-Played Steam Games of 2010-2019”.

PLOS ONE, 2020, DOI: [10.1371/journal.pone.0232780](https://doi.org/10.1371/journal.pone.0232780)

Zendle, D., Meyer, R., Cairns, P., Waters, S. & **Ballou, N.**, (2020). “The Prevalence of Loot Boxes in Mobile and Desktop Games”.

Addiction, 2020, DOI: [10.1111/add.14973](https://doi.org/10.1111/add.14973)

CONFERENCE PAPERS

- Ballou, N.**, Deterding, S., Iacovides, I. & Helsby, L. (2022) Do People Use Games to Compensate for Psychological Needs During Crises? A Mixed-Methods Study of Gaming During COVID-19 Lockdowns
CHI '22 Conference on Human Factors in Computing Systems, 2022, New Orleans, DOI: [10.1145/3491102.3501858](https://doi.org/10.1145/3491102.3501858)
- Ballou, N.**, Breitsohl, H., Kao, D., Gerling, K. & Deterding, S. (2021) Not Very Effective: Validity Issues of the Effectance in Games Scale
CHI PLAY '21 Extended Abstracts, 2021, DOI: [10.1145/3450337.3483492](https://doi.org/10.1145/3450337.3483492)
- Ballou, N.**, Warriar, V. R. & Deterding, S. (2021) “Are You Open? A Content Analysis of Transparency and Openness Guidelines in HCI Journals”
CHI '21 Conference on Human Factors in Computing Systems, 2021, Yokohama, DOI: [10.1145/3411764.3445584](https://doi.org/10.1145/3411764.3445584)
- Ratcliffe, J., **Ballou, N.** & Tokarchuk, L. (2021) Actions, Not Gestures: Contextualising Embodied Controller Interactions in Immersive Virtual Reality
Proceedings of the 27th ACM Symposium on Virtual Reality Software and Technology, 2021, Osaka Japan, DOI: [10.1145/3489849.3489892](https://doi.org/10.1145/3489849.3489892)

PRE-PRINTS AND JURIED WORK

- Ballou, N.** et al. (2022) Self-Determination Theory in HCI : Shaping a Research Agenda
CHI '22 Extended Abstracts, 2022, New Orleans, DOI: [10.1145/3491101.3503702](https://doi.org/10.1145/3491101.3503702)
- Ballou, N.**, Gbadamosi, C. & Zendle, D., (2020). “The Hidden Intricacy of Loot Box Design: A Granular Description of Random Monetized Reward Features”.
Under review. Preprint available on PsyArXiv, 2020, DOI: [10.31234/osf.io/xeckb](https://doi.org/10.31234/osf.io/xeckb)

WRITTEN EVIDENCE

- Petrovskaya, E., **Ballou, N.** & Zendle, D. (2021) ASA Consultation on In-Game Purchasing.
Advertising Standards Authority (UK), 2021
- Zendle, D., **Ballou, N.** & Petrovskaya, E. (2020) Loot Boxes in Video Games: Call for Evidence.
Department for Digital, Culture, Media and Sport (UK), 2020

Grants

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|-------------|-------------------------------------------------------------------------------------------------|---------------------------------|
| 2022 | £4k , Awarded to conduct research objective logging of Xbox gaming | <i>IGGI CDT</i> |
| 2021 | £2k , Awarded to conduct research on objective logging of Xbox gaming (lead grantwriter) | <i>Centre for Future Health</i> |
| 2015 | \$1k , Devlin Internship Grant | <i>Tulane University</i> |

Scholarships

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|----------------|------------------------------------------------------------------------------------------|-------------------------------|
| 2019–23 | £69k , EPSRC PhD Funding - CDT in Intelligent Games and Games Intelligence (IGGI) | <i>QMUL</i> |
| 2018 | €7k (declined) , AIPHEs Pre-doctoral Training Grant | <i>Universität Heidelberg</i> |
| 2012–16 | \$108k , Presidential Merit Scholarship | <i>Tulane University</i> |

Other Academic Work

ReproducibiliTea, QMUL Chapter

ORGANISER

Sep. 2020–present

- Founder and organizer of local journal club chapter for monthly discussions of science reform
- Grew to maximum attendance of 15+ across disciplines and career stages
- Initiated collaborations with faculty members at QMUL, librarian staff, external speakers, and ReproTea organisers at other institutions

UK Reproducibility Network

LOCAL NETWORK LEAD

March 2021–present

- Responsible for coordinating open science-related groups at QMUL
- Coordinated and analyzed survey on awareness and use of open sciences practices at QMUL
- Active efforts to reform which metrics are used to evaluate faculty

Work Experience

Rainbow Primary School

Hong Kong

PRIMARY ENGLISH TEACHER

Aug. 2018–Jul. 2019

- Designed and delivered up to 20 English lessons per week for grades 2 and 6
- Evaluated and introduced e-learning resources for grammar and phonics acquisition

University of Cambridge

Cambridge, UK

PHONETICS RESEARCH ASSISTANT

Jul. 2018–Aug. 2018

- Conducted comprehensive literature review and paper annotation for the summary article of a *Phonetica* special issue, spanning topics in phonetics, phonology, and psycholinguistics