

# Mark R Johnson PhD

## CURRICULUM VITAE

Killam Memorial Postdoctoral Fellow | Department of Political Science | University of Alberta

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### Academic Appointments

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|----------------|-------------------------------------------------------------------------------------|
| 2017 – Present | University of Alberta, Killam Postdoctoral Fellow, Department of Political Science. |
| 2017 – 2017    | Goldsmiths, University of London, Postdoctoral Fellow, Department of Computing.     |
| 2015 – 2017    | University of York, AHRC / EPSRC Postdoctoral Fellow, Department of Sociology.      |

### Education

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|-------------|------------------------------------------------------------------------|
| 2011 – 2014 | PhD in Science & Technology Studies, University of York (UK).          |
| 2008 – 2011 | BA (Hons) Politics & Sociology (First Class), University of York (UK). |

### Books

- **Johnson, M. R.** (2018). *The Unpredictability of Gameplay*. Bloomsbury Academic: London, UK; New York, NY.

### Refereed Articles

- **Johnson, M. R.** & Woodcock, J. (Under Review at *Media, Culture and Society*). The Impacts of Live Streaming and Twitch.tv on the Video Game Industry.
- **Johnson, M. R.** & Woodcock, J. (Under Review at *Social Media + Society*). “And today’s top donator is”: How Live Streamers on Twitch.tv Monetise and Gamify Broadcasts.
- Anderson, S. L. & **Johnson, M. R.** (Under Review at *Games and Culture*). Toward a Theory of Cultivation Play: Character Progression Work in Video Games as Autonomy, Engagement, and Praxis.
- **Johnson, M. R.**, Li, F., Nucciarelli, A. & Woodcock, J. (Under Review at *New Technology, Work and Employment*). The Digital-Physical Confluence of Sports, Games and eSports: Implications for Work and Employment.
- **Johnson, M. R.**, Carrigan, M. & Brock, T. (Under Review at *First Monday*). The Imperative to be Seen: The Moral Economy of Celebrity Video Game Streaming on Twitch.tv.
- Woodcock, J. & **Johnson, M. R.** (Under Review at *Television and New Media*). Affective Labour and Performance in Esports and Twitch.tv Live Streaming.
- **Johnson, M. R.** (In Press at *New Review of Film and Television Studies*). Deep Play, Dark Play and Capitalism in Contemporary Cinema.
- **Johnson, M. R.** (In Press at *Games and Culture*). Casual Games before Casual Games: Historicizing Paper Puzzle Games in an Era of Digital Play.
- **Johnson, M. R.** (2018). Inclusion and Exclusion in the Digital Economy: Live Broadcasting as a Disabled Streamer on Twitch.tv. *Information, Communication and Society*, first published online.
- **Johnson, M. R.** (2018). “The Biggest Legal Battle in UK Casino History”: Processes and Politics of “Cheating” in Sociotechnical Networks. *Social Studies of Science*, 48(2): 304-327.
- **Johnson, M. R.** & Mejia, R. (2017). Making Science Fiction Real: Neoliberalism, Real-Life and Esports in Eve Online. *The Journal of Virtual Worlds Research*, 10(3).
- **Johnson, M. R.** & Luo, Y. (2017). Gaming-Value and Culture-Value: Understanding how Players Account for Videogame Purchases. *Convergence: The International Journal of Research into New Media Technologies*, first published online.
- **Johnson, M. R.** & Woodcock, J. (2017). “It’s like the Gold Rush”: The Lives and Careers of Professional Video Game Streamers on Twitch.tv. *Information, Communication and Society*, first published online.
- Woodcock, J. & **Johnson, M. R.** (2017). Gamification: What It Is, and How to Fight It. *The Sociological Review*, 66(3), 542-558.

- **Johnson, M. R.** & Woodcock, J. (2017). Fighting Games and Go: Exploring the Aesthetics of Play in Professional Gaming. *Thesis Eleven*, 138(1): 26-45.
- **Johnson, M. R.** (2015). The Use of ASCII Graphics in Roguelikes: Aesthetic Nostalgia and Semiotic Difference. *Games and Culture*, 12(2): 115-135.

### Edited Collections

- **Johnson, M. R.** (Ed). (Forthcoming). *The Casino Games and Classic Card Games Reader: Communities, Cultures, and Play*. 'Play Beyond the Computer', Volume I. Bloomsbury Academic: London UK; New York, NY.

### Book Chapters

- **Johnson, M. R.** (Accepted for Publication). Fifteen Million Merits: Gamification, Spectacle, and Neoliberal Aspiration. In McSweeney, T. & Joy, S. (Eds), *Through the Black Mirror: Reflections on 'the Side Effects' of the Digital Age*, Palgrave Macmillan (Forthcoming).
- Ceuterick, M. & **Johnson, M. R.** (In Press, 2019). Visions of our Future: Space Tourism in Films and Video Games. In Cohen, E. & Spector, S. (Eds), *Space Tourism: Aspirations, Progress and Implications*, Springer.
- **Johnson, M. R.** (2018), "Megastructures, Superweapons and Global Architectures in Science Fiction Computer Games". In Davies, W. (Ed.), *Economic Science Fictions*, Goldsmiths Press, 237-257.
- **Johnson, M. R.** (2017), "Names and Labels: Strategic (De)Identification" and "Glitches and Lag: Unexpected Variables". In Banks, J. (Ed), *Avatar, Assembled: The Sociotechnical Anatomy of Digital Bodies*, Peter Lang Press, 81-89; 217-225.
- **Johnson, M. R.** (2017), "The History of Cyberspace Aesthetics in Video Games". In Murphy, G. & Schmeink, L. (Eds) *Cyberpunk and Visual Culture*, Routledge, 139-155.
- **Johnson, M. R.** (2017), "Capsuleer", "Gandhi" and "Kane". In Banks, J, Mejia, R. & Adams, A. (Eds), *100 Greatest Video Game Characters*, Rowman & Littlefield, 29-30; 63-64; 93-95.
- **Johnson, M. R.** (2017), "Command and Conquer", "Dark Souls", "Half Life", "Halo" and "Roguelikes". In Mejia, R., Banks, J. & Adams, A. (Eds), *100 Greatest Video Game Franchises*, Rowman & Littlefield, 27-29; 32-33; 78-80; 80-82; 150-152.
- **Johnson, M. R.** (2017), "Worlds", "AI" and "Meaning". In Short, T. & Adams, T. (Eds), *Procedural Generation in Game Design*, CRC Press, 97-106; 133-142; 301-312.
- **Johnson, M. R.** (2017), "Integrating Procedural and Handmade Level Design", in Totten. C. (Ed), *Level Design: Processes and Experiences*, CRC Press, 217-243.
- **Johnson, M. R.** (2016), "Bullet Hell: The Globalized Growth of *danmaku* games and the Digital Culture of High Scores and World Records", in Pulos, A. & Lee, A. (Eds.), *Transnational Contexts of Culture, Gender, Class, and Colonialism of Play: Video Games in East Asia*, Palgrave Macmillan, 17-42.

### Other Publications

- **Johnson, M. R.** (2017). "Comparing the Professionalization of Pro Gamblers and Pro Video Game Players". Occasional Paper Series, 40. Las Vegas: Center for Gaming Research, UNLV University Libraries.

### Conference Presentations

- **(Upcoming):** "The Socio-Technical Entanglements of Live Streaming on Twitch.tv", Association of Internet Researchers (AOIR) Conference, Montreal, Canada.
- **(Upcoming):** "Conversation, Discourse and Play: Interaction and Moderation in Twitch.tv Live Streaming", Digital Games Research Association (DiGRA) Conference, Turin, Italy.
- **(Upcoming):** "Paper Puzzle Games: The Original "Casual Games"", Digital Games Research Association (DiGRA) Conference, Turin, Italy.
- **(Upcoming):** "Player and Fan Perspectives on Cheating in Esports: Implications for Gambling Awareness and Integrity", 12th European Conference on Gambling Studies and Policy Issues, Valetta, Malta. (With Dr Brett Abarbanel)

- **(Upcoming):** “Toward a Theory of Cultivation Play: Character Progression Work in Video Games as Autonomy, Engagement, and Praxis”, National Communication Association, Game Studies Division, Salt Lake City, Utah (With Dr Sky Anderson).
- **2018:** “The Influence of Live Streaming and Twitch.tv on the Games Industry: Initial Findings”, Canadian Game Studies Association Conference, Regina, Canada.
- **2018:** “Paper Puzzle Games: The Original “Casual Games””, Canadian Game Studies Association Conference, Regina, Canada.
- **2018:** “Game Studies and Daily Fantasy: Playing Sports Management Games for Real”, Canadian Game Studies Association Conference, Regina, Canada.
- **2018:** “Transforming Play Into Work: The Careers of Video Game Live Streamers on Twitch.tv”, Canadian Association for Leisure Studies Conference, Regina, Canada.
- **2018:** “Transforming Play Into Work: The Careers of Video Game Live Streamers on Twitch.tv”, Canadian Association for Work and Labour Studies Conference, Regina, Canada.
- **2018:** “Conversation, Discourse and Play: Interaction and Moderation in Twitch.tv Video Game Live Streaming”, Canadian Society for Digital Humanities Conference, Regina, Canada.
- **2018:** “Conversation, Discourse and Play: Interaction and Moderation in Twitch.tv Video Game Live Streaming”, Canadian Communication Association Conference, Regina, Canada.
- **2018:** “Communication, Interaction and Platform Dynamics in Video Game Live Streaming on Twitch.tv”, Digital ⇌ Culture 2018 Conference, Nottingham, United Kingdom.
- **2018:** “Disclosure Statements in Video Game and Gambling Reviews”, Alberta Gambling Research Institute Conference, Banff, Alberta. (With Dr Fiona Nicoll) **(Invited)**
- **2018:** “Exploring Interaction and Moderation in Twitch.tv Video Game Live Streaming”, HuCon 2018 Conference, University of Alberta, Canada.
- **2017:** “Gaming Skill and the Development of Ability: A Five-Part Typology”, Mediating Cultural Work Conference, University of Leicester, England.
- **2017:** “Live Streaming and the Public Mediation of Cultural Value”, Cultural Mediators in the Digital Age Symposium, King’s College London. (With Dr Jamie Woodcock)
- **2017:** “Researching Content Creation in the Digital Economy: Opportunities, Challenges, and Experiences”, Digital Economy Crucible 2017, Digital Catapult, London. **(Invited)**
- **2017:** “Managing Play: The Management of Competitive and Professional Gaming”, 10th International Critical Management Studies (CMS) Conference, Liverpool. (With Dr Jamie Woodcock)
- **2017:** “Live Streaming, Twitch.tv, and the Games Industry”, Multiplatform 2017, Manchester Metropolitan University. (With Dr Jamie Woodcock)
- **2017:** ““Oh my god, this is beautiful”: Game-Changing Discourse and Action in Esports Tournaments”, The Money Shot Revisited: Changing Dynamics of Media Spectacle, Intensity and Excess, Leicester.
- **2017:** “Playing for Profit: The Lives and Careers of Professional Video Game Streamers”, Canadian Game Studies Association Conference, Ryerson University.
- **2017:** ““The biggest legal battle in British casino history”: the technical politics of cheating in games”, Canadian Game Studies Association Conference, Ryerson University.
- **2017:** “The Future’s Old Problems: Making Meaningful Procedurally Generated Content”, Canadian Game Studies Association Conference, Ryerson University. (With Rob Parker)
- **2017:** “Gaming-Value and Culture-Value: Understanding Pre-order, Sales, and how people purchase Video Games”, International Communication Association, San Diego. (With Yinyi Luo)
- **2017:** “Live-Streamed Performance and Talk on Twitch”, Capitalism, Marketing, Critique Conference, London.
- **2017:** ““It’s like the Gold Rush”: The Lives and Careers of Professional Video Game Broadcasters”, DiGRA UK Meeting, University of Salford. (With Dr Jamie Woodcock)
- **2017:** “Exploring the Spectacle of Skill: Esports, Speedrunning and Arcade Games”, Spectating Play – 13th Annual Game Research Lab Spring Seminar, University of Tampere, Finland. (With Yinyi Luo)

- **2017:** “The Contemporary Challenges of Gambling in Digital Play”, Alberta Gambling Research Institute Conference, Banff, Alberta **(Invited)**
- **2016:** “Professional Gaming Through the Ages: Poker, Esports, and the Dynamics of Skilled Play”. Esports and the Future of Sport Symposium, University of Salford **(Invited)**
- **2016:** “Professional gaming and eSports in the UK: Digital labour and the blurring of work and play”. Work, Employment and Society Conference, University of Leeds. (With Dr Jamie Woodcock)
- **2016:** “World-Class Bullet Hell Play: Playthrough and Commentary”. DiGRA-FDG First Joint Conference, University of Dundee. (With Dr Michael Cook)
- **2016:** “Procedural Generation of Linguistics, Dialects, Naming Conventions and Spoken Sentences”, DiGRA-FDG First Joint Conference, University of Dundee.
- **2016:** “Deep Play and Dark Play in Contemporary Cinema”. DiGRA-FDG First Joint Conference, University of Dundee.
- **2016:** “Towards Qualitative Procedural Generation”. International Conference on Computational Creativity, Pierre and Marie Curie University. **(Invited)**
- **2016:** “Remix Design: Towards Participatory Game Design”. Poetics of the Algorithm Conference, University of Liege. (With Dr Darren Reed)
- **2016:** “The Algorithmic Generation of Conversational Dialects”. Canadian Digital Humanities Association Conference, University of Calgary.
- **2015:** “Hand-Made Detail in a Procedural World”. Game Developers Conference Europe, Cologne.
- **2015:** “Generating Global Cultures and Characters in *Ultima Ratio Regum*”. Nucl.ai Artificial Intelligence Conference, Vienna. **(Invited)**
- **2015:** “Asymmetric Warfare in Video Games: A Military Force without Economic Capital in *Command and Conquer*.” Canadian Game Studies Association Conference, University of Ottawa.
- **2015:** “The Drones Need You: Communication and Information in *Sid Meier’s Alpha Centauri*.” Canadian Communication Association Conference, University of Ottawa.
- **2015:** “Algorithmic Generation of Global Racial, Cultural, Religious, Architectural and Linguistic Variation.” Canadian Digital Humanities Association Conference, University of Ottawa.
- **2015:** “Bullet Hell: The Globalized Growth of *danmaku* games and the Digital Culture of High Scores and World Records.” DiGRA 2015, Lüneburg.
- **2015:** “Dusk Hour: Depictions of Ecological Collapse and Posthuman Survivalist Ideologies in *Command and Conquer: Tiberian Sun*.” Brave New Worlds: The Dystopia in Modern and Contemporary Fiction Conference, University of Newcastle.
- **2015:** “Modelling Cultural, Religious and Political Affiliation in Artificial Intelligence Decision-Making.” AISB AI and Games Conference, University of Kent.
- **2014:** “Predicting Play: The Expectations of Game Playtesting”. Repeat! The Logics of Exercises, Trainings, Tests and Rehearsals Conference, Goldsmiths, London.
- **2014:** “The Semiotics of the Roguelike”. Canadian Game Studies Association Conference, Brock University, Ontario.
- **2013:** “Self-Definition, Ownership and Player Expectations: An Independent Video Game Development Autoethnography”. Digital/Moving Images Conference, University of Warwick.

#### **Invited Lectures, Keynotes, Presentations**

- **(Upcoming):** “Why do People Watch Other People Playing Video Games? The Rise of the Broadcasting and Spectating of Digital Play”, Whitehead Lectures in Cognition, Computation and Culture, Department of Computing, Goldsmiths College, University of London.
- **(Upcoming):** “Why do People Watch Other People Playing Video Games? The Rise of the Broadcasting and Spectating of Digital Play”, Department of Science and Technology Studies, University College London.
- **(Upcoming):** “Loot Boxes: Video Game Gambling, Paying to Win, and the Question of Game Design”, Faculty of Information, University of Toronto. (With Dr Tom Brock)

- **(Upcoming):** “Loot Boxes: Video Game Gambling, Paying to Win, and the Question of Game Design”, Faculty of Leisure Studies, University of Waterloo. (With Dr Tom Brock)
- **(Upcoming):** “Loot Boxes: Video Game Gambling, Paying to Win, and the Question of Game Design”, Concordia University, Pleasure Consuming Games Seminar. (With Dr Tom Brock)
- **(Upcoming):** “The Blurring of Video Games and Gambling: Four Key Sites for Study”, Concordia University, Pleasure Consuming Games Seminar.
- **(Upcoming):** “Loot Boxes: Video Game Gambling, Paying to Win, and the Question of Game Design”, Gambling Research Exchange Ontario / GREO. (With Dr Tom Brock)
- **2018:** “The Blurring of Video Games and Gambling: Daily Fantasy, Esports, Live Streaming, and Loot Boxes”, Alberta Gambling and Liquor Commission.
- **2018:** “Esports and Live Streaming: Lives, Careers, and Labour”, Rio Esports Forum, Rio de Janeiro, Brazil. **(Keynote)**
- **2018:** “The Importance of Gambling to Game Studies”, Games Research Network, Manchester Metropolitan University.
- **2017:** “Understanding the Origins of Video Game Gambling”, 5th Annual GambleAware Harm Minimisation Conference, London, England. **(Keynote)**
- **2017:** “Comparing the Professionalization of Pro Gamblers and Pro Video Game Players”, Center for Gaming Research, University of Nevada Las Vegas.
- **2017:** “Labour, Play and Technology in Professional Video Game Competition and Broadcast”, University of Macau.
- **2017:** “Rules, Norms, Structures and Strictures: Thinking about Laws in Games and Play”, Yeshiva University.
- **2017:** “High-Speed, High-Volume, Transient, and Opaque: The Ethnographic Challenge of “Social Media Entertainment””. Hong Kong Polytechnic University.
- **2017:** “Esports, Streaming, and the Future of Digital Labour and Play”, New York University, NY.
- **2017:** “Blurring the Boundaries between Video Games and Gambling: China, the West, and the Future of Commercialised Play”, University of Alberta, Edmonton.
- **2017:** “A Changing World: Power Shifts in 2017 and Beyond”, European eSports Conference, London. (With Dr Jamie Woodcock)
- **2017:** “The Future of Video”, Insight 2017, London. (With Dr Jamie Woodcock and Tom Williams)
- **2017:** “World-Class Bullet Hell Play: Playthrough and Commentary”. Guest Lecture on Undergraduate Game Design Course, University of South Wales. (With Dr Madelon Hoedt)
- **2017:** “Industry-Academic Partnerships” (Panel Speaker), University of Swansea.
- **2017:** “Ultima Ratio Regum: Qualitative Procedural Generation and Playing with Society”. Guest Lecture to Games and Playable Media research group, University of California, Santa Cruz.
- **2016:** “Esports and Competitive Gaming in the UK: A Summary and Future Possibilities”. Varsity Games Winter Launch, Gfinity Arena, London.
- **2016:** “An Introduction to Professional Gaming and Esports: Past, Present, and Future”, York Geekfest, University of York.
- **2016:** “Procedural Dialect Generation”. International Roguelike Developer Conference (North America), NYU Game Center, New York University, New York.
- **2015:** “Procedural Language Generation”. International Roguelike Developer conference, National Video Game Arcade, Nottingham.
- **2015:** “Algorithmic Generation of Global Racial, Cultural, Religious, Architectural and Linguistic Variation.” GameCity Nights, National Video Game Arcade, Nottingham.
- **2015:** “A Brief History of Psychology and Video Game AI.” Guest Lecture on Undergraduate Psychology Course, University of Bedfordshire.
- **2015:** “The Procedural Generation of Culture”. Norwich Gaming Festival, Norwich.
- **2015:** “Codifying the abstract: Defining and Programming a Procedurally Generated Renaissance World.” Guest Lecture on Undergraduate Game Design Course, University of Lincoln.

- **2014:** “Playing with Scale in Procedural Generation: Linking World History to Individual Characters.” Procedural Generation Game Jam (“ProcJam”) Opening Conference, Goldsmiths, London.
- **2014:** “Procedural Graphic Generation.” International Roguelike Developer Conference, Co-Up Hackerspace, Berlin.

### **Funding, Fellowships, Awards**

- **2018:** \$13,000, Postdoctoral Research Funding, “Loot Boxes: Industry and Player Perspectives”, Gambling Research Exchange Ontario (GREO) & Evening Gambling Recovery Intensive Program (EGRIP) (as Principal Investigator)
- **2017:** \$2,500, Dorothy J Killam Memorial Postdoctoral Fellow Prize, “Gaming the Law: The Blurring of Gambling and Video Games in Fantasy Sports”, Killam Laureates Trust
- **2017:** \$3,000, Visiting Scholar at University of Nevada at Las Vegas (Awarded through “Eadington Gaming Research Fellowships”)
- **2017:** Visiting Scholar at Chinese University of Hong Kong (Awarded through World Universities Network “Inbound Mobility Scheme”)
- **2017:** Visiting Scholar at University of Alberta (Awarded by Department of Political Science and Office of Interdisciplinary Studies) (**Invited**)
- **2017:** £1,336, *The Sociological Review* Seminar / Symposium Series Funding, “The Future of eSports: Challenging Work and Gender Issues in the UK’s Professional Computer Gaming Industry” seminar, MadLab, Manchester (as Co-Investigator)
- **2017:** £2,000, London School of Economics and Political Science “Knowledge Exchange and Impact Public Funding”, for trial development of video game to disseminate academic work (as Co-Investigator).
- **2017:** £18,384, “The Exploration of *Donatsu* Arithmetic Puzzles”, “Integration and Interaction of Multiple Mathematical Reasoning Processes” Platform Grant, Heriot-Watt University, University of Edinburgh, Goldsmiths College London (as Co-Investigator)
- **2017:** £24,268, secondment as “Researcher in Residence” at UK Digital Catapult, awarded for project “The Future of Content Creation: Regulation, Community, and Monetisation” (as Sole/Principal Investigator)
- **2016:** £4,750, Digital Economy Crucible “Research Priming” Award, for project “eSports Streaming and the Digital Economy: A Study of Twitch.tv” (as Principal Investigator)
- **2016:** £2,442, University of York “Creativity Theme” Priming Fund, for project “Creative Game Analytics in eSports” (as Co-Investigator)
- **2016:** Approx. £2,500, University of York Sociology Priming Fund, for project “University of York Data Dive Event” (as Co-Investigator)

### **Dissemination**

- **2015-Present:** Co-host of *Roguelike Radio* game design podcast (1,000,000+ lifetime hits).
- **2011-Present:** Sole writer of game design and game studies blog (1,500,000+ lifetime hits).

### **Interviews, Articles, Media Engagement**

- **Interview:** “Desire, competition, or addiction - why do we buy loot boxes?”, *PCGamesN*, April 3rd, 2018.
- **Interview:** “Interview with Mark R Johnson”, *Checkpoints Podcast*, February 6th, 2018.
- **Interview:** “The Life of an Esports Caster”, *Daily Mail*, February 3rd, 2018.
- **Interview:** *CBC Edmonton*, December 13th, 2017.
- **Interview:** “‘Aspiring Streamers are willing to push themselves hard’ – new study looks at what makes a successful streamer”, *eSports News*, December 10th, 2017.
- **Interview:** “Daily Fantasy Sports, Gambling and Video Games”, *News Talk 770 Radio*, October 26th, 2017.
- **Interview:** “Daily fantasy sports: Is it gambling?”, *Edmonton Metro*, October 22nd, 2017.
- **Interview:** “Interview with Mark R Johnson”, *Gambling with an Edge* Podcast, July 25th 2017.
- **Interview:** “Comparing the Professionalization of Pro Gamblers and Pro Video Game Players”, *UNLV Gaming Podcast*, July 14th 2017.

- **Interview:** “7 roguelikes that every developer should study”, *Gamasutra*, June 12th 2017.
- **Interview:** “Understanding Classic Roguelikes - An Interview with Dr. Mark R Johnson”, *IndieHaven*, April 22nd 2017.
- **Interview:** “A gathering of masters @IEM”, *Digital Jam Podcast*, March 5th 2017.
- **Article:** “An Insider Look into the World of Competitive Bullet Hells”, *Waypoint*, February 3rd 2017.
- **Article:** “Understanding Twitch Chat: New Forms of Digital Community and Play”, *Discover Society*, January 3rd 2017.
- **Article:** “High-Stakes Gamblers, Game Design, and the Meaning of Cheating”, *First Person Scholar*, November 30th 2016.
- **Interview:** “Computer bluffen nicht”, *Frankfurter Allgemeine Zeitung*, September 19th 2016.
- **Article:** “Procedural Generation’s Future”, *Rock Paper Shotgun*, September 16th 2016
- **Article:** “How to Create Cultures”, *Rock Paper Shotgun*, September 2nd 2016
- **Article:** “The Sociology of ‘Streaming’”, *Sociological Imagination Blog*, August 22nd 2016
- **Article:** “How Games Benefit from Procedurally Generated Lore”, *Rock Paper Shotgun*, August 5th 2016
- **Article:** “You can spin your own Sci-Fi Tale in RimWorld”, *Vice Gaming*, July 27th 2016.
- **Article:** “How to Generate A Religion”, *Rock Paper Shotgun*, July 22nd 2016.
- **Article:** “Researching the Growth of eSports in the UK”, *eSports News*, May 31st, 2016.
- **Interview:** *BBC World News*, May 2016.
- **Interview:** “Overwatch seeks esports domination”, *BBC News Online*, May 24th 2016.
- **Interview:** “Interview: Mark R Johnson, creator of Ultima Ratio Regum”, *Heidelberg Journal of Religions and the Internet*, 2016.
- **Interview:** “Prozedurale Welten”, *Golem.de*, August 3rd 2015.
- **Article:** “Civilian Targets”, *Five out of Ten Magazine*, July 28th 2015.
- **Article:** “Seeing Green”, *Five out of Ten Magazine*, July 28th 2015.
- **Article:** “Before Spelunky and FTL, there was only ASCII”, *Paste Magazine*, July 22nd 2015.
- **Article:** “The Demonic Properties of an Ampersand”, *Kill Screen*, July 2nd 2015.
- **Interview:** “Generation Game: Mark R Johnson on Ultima Ratio Regum”, *Ready-Up.net*, June 19th 2015
- **Article:** “Alternate History Aesthetics in Red Alert”, *Memory Insufficient*, June 16th 2015.
- **Article:** “Warning Forever: A Danmaku Dialogue”, *First Person Scholar*, June 15th 2015.
- **Article:** “How integral are letters and text to ASCII gaming?”, *Imaginary Realities*, May 25th 2015.
- **Interview:** “Ultima Ratio Regum: Wie das Spiel eines 25-Jährigen komplette Welten simuliert”, *Der Standard*, May 10th 2015
- **Interview:** “Ultima Ratio Regum, A Generated 4X Roguelike”, *Rock Paper Shotgun*, October 18th, 2013

### Teaching and Supervision

- **2018:** “Game Design in Theory and Practice” (Master’s level game studies/design module, module convener)
- **2018:** Organised and ran University of Alberta seminar “Securing a Postdoc in the Humanities and Social Sciences”.
- **2017:** “Computers and Games” (undergraduate game programming/design module, guest lecture)
- **2016:** “Gaming: Industry and Culture” (3rd year undergraduate game studies module, guest lecture)
- **2016:** Supervisor on York Centre for Complex Systems Analysis (YCCSA) Summer School
- **2013-2014:** “Science & Society” (2nd year undergraduate Science & Technology Studies module, primary tutor)
- **2012-2013:** “Cultivating a Sociological Imagination” (1st year undergraduate introductory module, tutor)
- **2012:** “Contemporary Social Media” (taught postgraduate social/new media module, guest lecture)

### Professional Roles

- **2018-Present:** Series Editor and Creator of “Play Beyond the Computer” edited collection series with Bloomsbury Academic (first volume forthcoming 2020).
- **2018-Present:** Board Member & Judge on “Generative Design in Minecraft” competition (New York University).

- **2018-Present:** Co-editor on forthcoming *Journal of Critical Gambling Studies*.
- **2018:** Manuscript reviewer for Palgrave Macmillan.
- **2018:** Reviewer on conference boards for “CGSA 2018”, “DiGRA 2018”, “NCA 2018” and “GamesLit 2018”.
- **2017:** Reviewer on conference boards for “CGSA 2017” and “CHI PLAY 2017”.
- **2016:** Reviewer on conference boards for “CGSA 2016” and “DiGRA-FDG 2016”.
- **2015-Present:** Reviewer for *Information, Communication and Society*.
- **2015:** Organized, hosted, and curated visual design exhibition for *International Roguelike Developers Conference* in association with the National Video Game Arcade (Nottingham, UK).
- **2012-2013:** Research Assistant: 40+ interviews, transcriptions and data collections, ‘Habitele’ project (€434,000), based at Sciences-Po Paris.

### Memberships

- Member of **Digital Games Research Association (DiGRA)**.
- Member of **Alberta Gambling Research Institute (AGRI)**.
- Member of **Games Research Network** (Manchester Metropolitan University).
- Member of **Canadian Game Studies Association**.
- Member of **Canadian Society for Digital Humanities**.

### Other Activities

- **2011-Present:** Independent Game Developer
  - 2011-Present, *Ultima Ratio Regum*. Game featuring extensive innovative “qualitative” procedural generation systems, which explores concepts including Berkeleyan idealism, the indeterminacy of translation, cryptography, and historiography, drawing on the work of Jorge Borges, Umberto Eco and Wu Ming. Approximately 100,000 downloads to date.
- **2008-2011:** Professional Poker Player
  - Played online poker at a professional level for three years, totalling almost 2,000,000 hands. In addition to close study of the game, also carried out extensive data-mining, statistical analysis and game modelling.