Introduction

Crusades and crusading in modern games

Robert Houghton

The crusades are used frequently and extensively as source material for digital games. The first of the Assassin's Creed series with its free-running action across the cities of the Middle East during the Third Crusade is perhaps the best-known, and best-selling, example, but modern representations of the crusades are influential across almost every genre. Real-time Strategy Games such as Stronghold: Crusader or Age of Empires II explore the characters and events of the crusades in a fairly simple and linear manner.¹ The crusades are key to the world building of roleplaying games (RPG) such as Lionheart: Legacy of the Crusader or Legacy of Kain but their reach extends to almost every RPG presentation of Western 'holy warriors' from the Crusaders of Diablo III and the Templars of Elder Scrolls Online to the Paladins ubiquitous to World of Warcraft, Final Fantasy, and a host of games which draw on the *Dungeons and Dragons* ruleset. Grand Strategy Games such as Civilization, Medieval: Total War, or Crusader Kings almost invariably incorporate the crusades into their complex explorations of medieval politics and society.2

The use of the crusades, and the Middle Ages more generally, in digital games in this manner has influenced public perceptions in several ways. These games have introduced a vast and largely untapped audience to this period of history.³ They have underlined the fact that the Middle Ages did not end at the boundaries of Europe, and highlighted that armoured knights and elaborate castles existed within an intricate and diverse wider world.⁴ They have acted as educational tools at several levels of study.⁵ Ultimately, they have provided a new historical approach to the crusades which is of interest and utility to students, academics, and the wider world.

However, these games almost never provide a coherent or thorough explanation and examination of the crusades. There is a tendency towards simplification of very complex events into simple binary conflicts between Christians and Muslims.⁶ Gameplay is typically Eurocentric, producing a

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skewed perspective of the period with non-Christian and non-white characters and groups relegated to a supporting role.⁷ A focus on violence and warfare (which is comparatively easy to model, and which often helps to sell games)⁸ robs many games of nuance. The historical research which supports the creation of these games is sometimes based on outdated works, unreliable websites, or popular misconceptions.⁹ Many games lean more heavily on medieval and modern fictions about the period than on modern academic historical research.¹⁰ Creation of enjoyable gameplay and catering to audience expectations frequently overshadows any attempts at 'historical accuracy'.¹¹

Historical misrepresentations within games are problematic because these media can exert a substantial influence over their players' understanding of the past both inside and outwith the classroom.¹² The potential of digital games as historical learning and communication tools is powerful and increasingly recognised within academic and industry circles.¹³ Games can address important issues in a mature and considered manner.¹⁴ They can present complex stories through innovative and diverse methods.¹⁵ Games with a historical setting or themes can engage their players with the past, introducing them to new periods and issues and providing a formative understanding of events and underlying trends.¹⁶ As Bogost has demonstrated, the procedural rhetoric by which games construct and express their arguments can be immensely compelling and can dramatically influence players' perspectives.¹⁷ This interactive engagement often represents the deepest interaction a player has with the past,¹⁸ and this is particularly true in relation to pre-modern periods.¹⁹ As a result, games can be powerful educational tools. They can act as an entry point to specific periods and events or to historical themes.²⁰ They can be used to teach historical theory through their mechanics.²¹ By engaging with these mechanics through play and modification, students may conduct historical debate, create counterarguments and develop a more nuanced understanding of the past.²² There is even potential to use games as academic research tools, communicating historical data and arguments and facilitating debate.23

However, the potency of games as influencing media can easily lead to their audiences obtaining fundamentally incomplete, shallow or misleading impressions about the crusades and the Middle Ages more generally.²⁴ This can be an issue within the history classroom as this often deeply embedded formative understanding can be hard to reconcile with the course content, primary sources, and historiographical trends and increasingly requires teachers to be aware of themes and representations within modern games.²⁵

Beyond the classroom, the potent influencing capabilities of digital games can severely colour their players' understanding of the past.²⁶ This becomes an issue when a game's representation of a period takes on the form of

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harmful modern perceptions and ideologies. Strategy games frequently follow an acritical model of colonialism and imperialism which emphasises violent expansionism as the core driver of civilisation and whitewashes the human and cultural consequences of these political models.²⁷ The focus on white male characters and emphasis on violence within many historical digital games,²⁸ in combination with their claimed authority,²⁹ can easily lead to the emergence and consolidation of a distorted view of the period which can contribute to racist and misogynist understandings of the modern world: the presentation of the Middle Ages and other historical periods as White feeds into the expectations of extremist and mainstream players and goes unchallenged by acritical design studios.³⁰ Historical accuracy is often cited as the reason for a lack of diversity in images of the Middle Ages presented by games and other modern media, but in many cases this accuracy is selective and incomplete and serves only to reinforce the perspectives and prejudices of the core audience.³¹

The use of the crusades and crusading tropes within and around digital games is an important battleground within this ideological conflict. Crusade rhetoric has been deployed consistently by right-wing groups across media formats to support their modern ideologies of racial and religious purity and the need to protect their pure nation from outsiders.³² The same rhetoric has been embraced by Islamic extremists in support of their campaigns against the West.³³ Beyond this, within popular imagination and political rhetoric the crusades are closely connected to the ideologies of colonialism, imperialism, and racial and religious violence.³⁴ These popular visualisations of the crusades correspond closely to the various issues common within digital games in general. As a result, games about the crusades can easily support some of the most extreme ideologies.

This is not to say that representations of the crusades in all digital games are inevitably and absolutely problematic. While many games present overly simplistic visualisations which lean on outdated viewpoints and troubling ideologies, even these limited representations can be of educational use when approached critically.³⁵ Counter-play and user-modification may replace or challenge many of these Eurocentric perspectives with more balanced approaches.³⁶ Beyond this, several games which address the crusades provide nuanced and thoughtful elements within their core narrative and mechanics, even if they retain some troublesome elements. For example, *Assassin's Creed* presents a non-Western viewpoint through its player character while *Crusader Kings II* provides a relatively detailed and nuanced representation of the medieval Middle East even if it occasionally relies on outdated viewpoints and stereotypes. Other games, such as *Dante's Inferno*, make use of tropes and misconceptions about the crusades to engage with modern ideas and issues in constructive ways. Ultimately, as is the case with

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historical representations in games more generally, the issue is the presentation of historical content in certain games rather than the fundamental characteristics of the medium.³⁷

This book draws together several strands and themes surrounding the representation of the crusades within digital games. Roland Wenskaus' chapter highlights the presence of crusading tropes in games within both the fantasy and science fiction genres to demonstrate that the influence of the crusades and their attendant literature stretches well beyond historical games. In her chapter, Katherine J. Lewis discusses the portraval of crusader masculinity within Dante's Inferno and considers the adaption of these medieval masculinities for a modern audience. Oana-Alexandra Chirilă's article draws on the widespread and ongoing discussion of the representation of the Islamic world in modern games to provide a focused and in-depth analysis of the potential to develop a more holistic and balanced ludic vision. Robert Houghton discusses the restrictions of game mechanics and player expectations which limit the exploration of the political and social development of the crusades within strategy games and suggests some practical solutions to these issues. In the final chapter Andreas Körber, Johannes Meyer-Hamme, and Robert Houghton address the potential of digital games as learning and teaching tools for the study of the crusades.

Taken as a whole, these chapters provide a diverse but coherent exploration of the place of the crusades within games and the opportunities posed by this media form for greater engagement with and discussion of this theme. This volume is by no means encyclopaedic, but represents an important starting point for the subject.

Notes

- 1 Vit Šisler, "From Kuma\War to Quraish: Representation of Islam in Arab and American Video Games," in *Playing with Religion in Digital Games*, ed. Heidi Campbell and Gregory P. Grieve, Digital Game Studies (Bloomington, IN: Indiana University Press, 2014), 120–23.
- 2 Tom Apperley, "Modding the Historians Code: Historical Versimilitude and the Counterfactual Imagination," in *Playing with the Past: Digital Games and the Simulation of History*, ed. Matthew Kapell and Andrew B. R. Elliott (New York, NY: Bloomsbury, 2013), 185–98; Rolfe Daus Peterson, Andrew Justin Miller, and Sean Joseph Fedorko, "The Same River Twice: Exploring Historical Representation and the Value of Simulation in the Total War, Civilization and Patrician Franchises," in *Playing with the Past: Digital Games and the Simulation of History*, ed. Matthew Kapell and Andrew B. R. Elliott (New York, NY: Bloomsbury, 2013), 41–43.
- 3 Robert Houghton, "Where Did You Learn That? The Self-Perceived Educational Impact of Historical Computer Games on Undergraduates," *Gamevironments* 5 (2016): 26.

- 4 Mirt Komel, "Orientalism in Assassin's Creed: Self-Orientalizing the Assassins from Forerunners of Modern Terrorism into Occidentalized Heroes," *Teorija in Praska* 51 (2014): 72–90.
- 5 Jeremiah McCall, "Teaching History With Digital Historical Games: An Introduction to the Field and Best Practices," Simulation & Gaming 47, no. 4 (August 1, 2016): 526; Mike Horswell, "Historicising Assassin's Creed: Crusader Medievalism, Historiography and Digital Games," in Teaching the Middle Ages through Modern Games: Using, Modding and Creating Games for Education and Impact, ed. Robert Houghton (Amsterdam: ARC Humanities Press, Forthcoming).
- 6 Šisler, "From Kuma\War to Quraish," 109.
- 7 Komel, "Orientalism in Assassin's Creed."
- 8 Ernest Adams, *Fundamentals of Game Design*, 3rd ed., Voices That Matter (Berkeley, CA: New Riders, 2014), 423.
- 9 Tom Taylor, "Historical Simulations and the Future of the Historical Narrative," *History and Computing* 6, no. 2 (2003); Jeremiah McCall, "Video Games as Participatory Public History," in *A Companion to Public History*, ed. D. M. Dean (Hoboken, NJ: Wiley, 2018), 406–7.
- 10 Oliver M. Traxel, "Medieval and Pseudo-Medieval Elements in Computer Role-Playing Games: Use and Interactivity," in *Medievalism in Technology Old and New*, ed. Karl Fugelso and Carol L. Robinson, Studies in Medievalism 16 (Cambridge and Rochester, NY: D.S. Brewer, 2008), 125.
- 11 Jesper Juul, Half-Real: Video Games between Real Rules and Fictional Worlds (Cambridge, MA: MIT Press, 2005), 19–20; Josef Köstlbauer, "Do Computers Play History?" in Early Modernity and Video Games, ed. Tobias Winnerling and Florian Kerschbaumer (Newcastle: Cambridge Scholars, 2014), 25–26; Stefan Donecker, "Pharaoh Mao Zedong and the Musketeers of Babylon: The Civilization Series between Primordialist Nationalism and Subversive Parody," in Early Modernity and Video Games, ed. Tobias Winnerling and Florian Kerschbaumer (Newcastle: Cambridge Scholars, 2014), 116.
- 12 Houghton, "Where Did You Learn That?" 24–25; Jeremiah McCall, "Playing with the Past: History and Video Games (and Why It Might Matter)," *Journal of Geek Studies* 6, no. 1 (2019): 38–39.
- 13 Walter Oppenheim, "Complex Games and Simulations in Schools," *Teaching History* 34 (1982): 26; Andrew McMichael, "PC Games and the Teaching of History," *The History Teacher* 40, no. 2 (2007): 203–18; Sean Gouglas et al., "Abort, Retry, Pass, Fail: Games as Teaching Tools," in *Pastplay: Teaching and Learning History with Technology*, ed. Kevin Kee (Ann Arbor, MI: University of Michigan Press, 2014), 121–38; McCall, "Teaching History With Digital Historical Games."
- 14 Adam Chapman, "Is Sid Meier's Civilization History?" *Rethinking History* 17, no. 3 (2013): 313.
- 15 Dawn Spring, "Gaming History: Computer and Video Games as Historical Scholarship," *Rethinking History* 19, no. 2 (2015): 218.
- 16 Oppenheim, "Complex Games and Simulations in Schools," 26; Mary Flanagan, Critical Play: Radical Game Design (Cambridge, MA: MIT Press, 2013); Jerome De Groot, Consuming History: Historians and Heritage in Contemporary Popular Culture, 2nd ed. (London: Taylor & Francis Group, 2016), 152.
- 17 Ian Bogost, "The Rhetoric of Video Games," in *The Ecology of Games: Connecting Youth, Games, and Learning*, ed. Katie Salen Tekinbaş, The John D.

6 Robert Houghton

and Catherine T. Macarthur Foundation Series on Digital Media and Learning (Cambridge, MA: MIT Press, 2008), 117–40; Ian Bogost, *Persuasive Games: The Expressive Power of Videogames* (Cambridge, MA: MIT Press, 2010).

- 18 Jerremie Clyde, Howard Hopkins, and Glenn Wilkinson, "Beyond the 'Historical' Simulation: Using Theories of History to Inform Scholarly Game Design," *Loading . . . The Journal of the Canadian Game Studies Association* 6, no. 9 (2012): 6; Chapman, "Is Sid Meier's Civilization History?"
- 19 Houghton, "Where Did You Learn That?" 25–26.
- 20 Richard Levy and Peter Dawson, "Interactive Worlds as Educational Tools for Understanding Arctic Life," in *Pastplay: Teaching and Learning History with Technology*, ed. Kevin Kee (Ann Arbor, MI: University of Michigan Press, 2014), 66–86; Matthew Nicholls, "Digital Visualisation in Classics Teaching and Beyond," *Journal of Classics Teaching* 17, no. 33 (2016): 27–30.
- 21 Taylor, "Historical Simulations"; Clyde et al., "Beyond the 'Historical' Simulation," 49; Chapman, "Is Sid Meier's Civilization History?" 315–16; A. Martin Wainwright, "Teaching Historical Theory through Video Games," *The History Teacher* 47, no. 4 (2014): 583; Adam Chapman, *Digital Games as History: How Videogames Represent the Past and Offer Access to Historical Practice*, Routledge Advances in Game Studies 7 (New York, NY: Routledge, 2016), 253–56.
- 22 Shawn Graham, "Rolling Your Own: On Modding Commercial Games for Educational Goals," in *Pastplay: Teaching and Learning History with Technology*, ed. Kevin Kee (Ann Arbor, MI: University of Michigan Press, 2014), 226–27; Kee, *Pastplay*, 278–79; Wainwright, "Teaching Historical Theory through Video Games," 579; Andrew B. R. Elliott, "Simulations and Simulacra: History in Video Games," *Práticas Da História* 5 (2017): 11–41.
- 23 Clyde et al., "Beyond the 'Historical' Simulation"; Jeremy Antley, "Going Beyond the Textual in History," *Journal of Digital Humanities* 1, no. 2 (2012); Spring, "Gaming History"; Vinicius Marino Carvalho, "Videogames as Tools for Social Science History," *Historian* 79, no. 4 (2017): 794–819; Robert Houghton, "World, Structure and Play: A Framework for Games as Historical Research Outputs, Tools, and Processes," *Práticas Da História* 7 (2018): 11–43; Robert Houghton, "Scholarly History through Digital Games: Pedagogical Practice as Research Method," *The Interactive Pasts* 2 (2020).
- 24 Jeremy Antley, "Period Piece: Board Games Can Manipulate Players by Manipulating History," *Real Life* [blog], November 12, 2018, http://reallifemag.com/ period-piece/, accessed August 12, 2019.
- 25 Houghton, "Where Did You Learn That?" 32; McCall, "Playing with the Past," 46.
- 26 Houghton, "Where Did You Learn That?" 24–25; Sian Beavers, "The Informal Learning of History with Digital Games" (PhD diss., Open University, 2019), 78–80.
- 27 Souvik Mukherjee, "Playing Subaltern: Video Games and Postcolonialism," Games and Culture 13, no. 5 (July 2018): 506–7; Sybille Lammes and Stephanie de Smale, "Hybridity, Reflexivity and Mapping: A Collaborative Ethnography of Postcolonial Gameplay," Open Library of Humanities 4, no. 1 (2018): 7; Souvik Mukherjee and Emil Lundedal Hammar, "Introduction to the Special Issue on Postcolonial Perspectives in Game Studies," Open Library of Humanities 4, no. 2 (2018): 2; Rhett Loban and Tom Apperley, "Eurocentric Values at Play: Modding the Colonial from the Indigenous Perspective," in Video Games

and the Global South, ed. Phillip Penix-Tadsen (Pittsburgh, PA: Carnegie Mellon University, 2019), 89.

- 28 D. Williams et al., "The Virtual Census: Representations of Gender, Race and Age in Video Games," *New Media & Society* 11, no. 5 (2009): 815–34; Lisa Nakamura, "Queer Female of Color: The Highest Difficulty Setting There Is? Gaming Rhetoric as Gender Capital," *ADA* 1 (2012), https://doi.org/10.7264/ N37P8W9V, accessed November 12, 2016; Emil Lundedal Hammar, "Counter-Hegemonic Commemorative Play: Marginalized Pasts and the Politics of Memory in the Digital Game Assassin's Creed: Freedom Cry," *Rethinking History* 21, no. 3 (2017): 372–95; Hanli Geyser, "Decolonising the Games Curriculum: Interventions in an Introductory Game Design Course," *Open Library of Humanities* 4, no. 1 (2018): 33.
- 29 Scott Alan Metzger and Richard J. Paxton, "Gaming History: A Framework for What Video Games Teach About the Past," *Theory & Research in Social Education* 44, no. 4 (2016): 550–53.
- 30 Jessie Daniels and Nick Lalone, "Racism in Video Gaming: Connecting Extremist and Mainstream Expressions of White Supremacy," in Social Exclusion, Power, and Video Game Play: New Research in Digital Media and Technology, ed. David G. Embrick, J. Talmadge Wright, and András Lukács (Lanham, MD: Lexington Books, 2012), 85–100.
- 31 Helen Young, "Whiteness and Time: The Once, Present and Future Race," in Medievalism on the Margins, ed. Karl Fugelso, Vincent Ferré, and Alicia C. Montoya, Studies in Medievalism 24 (Cambridge: Boydell and Brewer, 2015), 44–45; Andrew B. R. Elliott, Medievalism, Politics and Mass Media: Appropriating the Middle Ages in the Twenty-First Century, Medievalism, Vol. 10 (Woodbridge: D. S. Brewer, 2017), 155–82.
- 32 Vít Šisler, "Digital Arabs: Representation in Video Games," *European Journal of Cultural Studies* 11, no. 2 (2008): 208–10; Elliott, *Medievalism, Politics and Mass Media*, 78–105.
- 33 Elliott, Medievalism, Politics and Mass Media, 106-31.
- 34 Joshua Prawer, The Crusaders' Kingdom: European Colonialism in the Middle Ages (London: Phoenix Press, 2001), 60; Ronnie Ellenblum, Crusader Castles and Modern Histories (Cambridge: Cambridge University Press, 2007), 18–31, 43–49; Christopher Tyerman, The Debate on the Crusades, Issues in Historiography (Manchester: Manchester University Press, 2011), 125–54; Elliott, Medievalism, Politics and Mass Media, 132–54.
- 35 Kevin Schut, "Strategic Simulations and Our Past: The Bias of Computer Games in the Presentation of History," *Games and Culture* 2, no. 3 (2007): 231; Patrick Crogan, *Gameplay Mode: War, Simulation, and Technoculture*, Electronic Mediations 36 (Minneapolis, MN: University of Minnesota Press, 2011), 174–75; Wainwright, "Teaching Historical Theory through Video Games"; McCall, "Teaching History With Digital Historical Games," 534.
- 36 Tom Apperley, Gaming Rhythms: Play and Counterplay from the Situated to the Global (Amsterdam: Institute of Network Cultures, 2009), 135; Nick Dyer-Witheford and Greig De Peuter, Games of Empire: Global Capitalism and Video Games, Electronic Mediations 29 (Minneapolis, MN, 2009), 191–94; Chapman, Digital Games as History, 38–39.
- 37 Jeremiah McCall, "Navigating the Problem Space: The Medium of Simulation Games in the Teaching of History," *History Teacher* 1 (2012): 19–21.

8 Robert Houghton

Bibliography

- Adams, Ernest. *Fundamentals of Game Design*. 3rd ed. Voices That Matter. Berkeley, CA: New Riders, 2014.
- Antley, Jeremy. "Going Beyond the Textual in History." *Journal of Digital Humanities* 1, no. 2 (2012).

- Apperley, Tom. *Gaming Rhythms: Play and Counterplay from the Situated to the Global.* Amsterdam: Institute of Network Cultures, 2009.
 - . "Modding the Historians Code: Historical Versimilitude and the Counterfactual Imagination." In *Playing with the Past: Digital Games and the Simulation of History*, edited by Matthew Kapell and Andrew B. R. Elliott, 185–98. New York, NY: Bloomsbury, 2013.
- Beavers, Sian. "The Informal Learning of History with Digital Games." PhD thesis, Open University, 2019.
- Bogost, Ian. *Persuasive Games: The Expressive Power of Videogames*. Cambridge, MA: MIT Press, 2010.
 - ——. "The Rhetoric of Video Games." In *The Ecology of Games: Connecting Youth, Games, and Learning*, edited by Katie Salen Tekinbaş. The John D. and Catherine T. Macarthur, 117–40. Foundation Series on Digital Media and Learning. Cambridge, MA: MIT Press, 2008.
- Carvalho, Vinicius Marino. "Videogames as Tools for Social Science History." *Historian* 79, no. 4 (December 2017): 794–819.
- Chapman, Adam. *Digital Games as History: How Videogames Represent the Past and Offer Access to Historical Practice*. Routledge Advances in Game Studies 7. New York, NY: Routledge, 2016.

———. "Is Sid Meier's Civilization History?" *Rethinking History* 17, no. 3 (September 2013): 312–32.

- Clyde, Jerremie, Howard Hopkins, and Glenn Wilkinson. "Beyond the 'Historical' Simulation: Using Theories of History to Inform Scholarly Game Design." *Loading* . . . *The Journal of the Canadian Game Studies Association* 6, no. 9 (2012).
- Crogan, Patrick. *Gameplay Mode: War, Simulation, and Technoculture*. Electronic Mediations 36. Minneapolis, MN: University of Minnesota Press, 2011.
- Daniels, Jessie, and Nick Lalone. "Racism in Video Gaming: Connecting Extremist and Mainstream Expressions of White Supremacy." In Social Exclusion, Power, and Video Game Play: New Research in Digital Media and Technology, edited by David G. Embrick, J. Talmadge Wright, and András Lukács, 85–100. Lanham, MD: Lexington Books, 2012.
- De Groot, Jerome. *Consuming History: Historians and Heritage in Contemporary Popular Culture*. 2nd ed. London: Taylor & Francis Group, 2016.
- Donecker, Stefan. "Pharaoh Mao Zedong and the Musketeers of Babylon: The Civilization Series between Primordialist Nationalism and Subversive Parody."

In *Early Modernity and Video Games*, edited by Tobias Winnerling and Florian Kerschbaumer, 105–22. Newcastle: Cambridge Scholars, 2014.

- Dyer-Witheford, Nick, and Greig De Peuter. Games of Empire: Global Capitalism and Video Games. Electronic Mediations 29. Minneapolis, MN: University of Minnesota Press, 2009.
- Ellenblum, Ronnie. Crusader Castles and Modern Histories. Cambridge: Cambridge University Press, 2007.
- Elliott, Andrew B. R. Medievalism, Politics and Mass Media: Appropriating the Middle Ages in the Twenty-First Century. Medievalism, Vol. 10. Woodbridge: D. S. Brewer, 2017.
- ——. "Simulations and Simulacra: History in Video Games." *Práticas Da História* 5 (2017): 11–41.
- Flanagan, Mary. Critical Play: Radical Game Design. Cambridge, MA: MIT Press, 2013.
- Geyser, Hanli. "Decolonising the Games Curriculum: Interventions in an Introductory Game Design Course." Open Library of Humanities 4, no. 1 (June 11, 2018): 33.
- Gouglas, Sean, Mihaela Ilovan, Shannon Lucky, and Silvia Russell. "Abort, Retry, Pass, Fail: Games as Teaching Tools." In *Pastplay: Teaching and Learning History with Technology*, edited by Kevin Kee, 121–38. Ann Arbor, MI: University of Michigan Press, 2014.
- Graham, Shawn. "Rolling Your Own: On Modding Commercial Games for Educational Goals." In *Pastplay: Teaching and Learning History with Technology*, edited by Kevin Kee, 214–27. Ann Arbor, MI: University of Michigan Press, 2014.
- Hammar, Emil Lundedal. "Counter-Hegemonic Commemorative Play: Marginalized Pasts and the Politics of Memory in the Digital Game Assassin's Creed: Freedom Cry." *Rethinking History* 21, no. 3 (2017): 372–95.
- Horswell, Mike. "Historicising Assassin's Creed: Crusader Medievalism, Historiography and Digital Games." In Teaching the Middle Ages through Modern Games: Using, Modding and Creating Games for Education and Impact, edited by Robert Houghton. Amsterdam: ARC Humanities Press, Forthcoming.
- Houghton, Robert. "Scholarly History through Digital Games: Pedagogical Practice as Research Method." *The Interactive Pasts* 2 (2020).
 - ------. "Where Did You Learn That? The Self-Perceived Educational Impact of Historical Computer Games on Undergraduates." *Gamevironments* 5 (2016): 8–45.
- -------. "World, Structure and Play: A Framework for Games as Historical Research Outputs, Tools, and Processes." *Práticas Da História* 7 (2018): 11–43.
- Juul, Jesper. *Half-Real: Video Games between Real Rules and Fictional Worlds*. Cambridge, MA: MIT Press, 2005.
- Kee, Kevin, ed. *Pastplay: Teaching and Learning History with Technology*. Ann Arbor, MI: University of Michigan Press, 2014.
- Komel, Mirt. "Orientalism in Assassin's Creed: Self-Orientalizing the Assassins from Forerunners of Modern Terrorism into Occidentalized Heroes." *Teorija in Praska* 51 (2014): 72–90.

10 Robert Houghton

- Köstlbauer, Josef. "Do Computers Play History?" In *Early Modernity and Video Games*, edited by Tobias Winnerling and Florian Kerschbaumer, 24–37. Newcastle: Cambridge Scholars, 2014.
- Lammes, Sybille, and Stephanie de Smale. "Hybridity, Reflexivity and Mapping: A Collaborative Ethnography of Postcolonial Gameplay." Open Library of Humanities 4, no. 1 (2018): 19.
- Levy, Richard, and Peter Dawson. "Interactive Worlds as Educational Tools for Understanding Arctic Life." In *Pastplay: Teaching and Learning History with Technology*, edited by Kevin Kee, 66–86. Ann Arbor, MI: University of Michigan Press, 2014.
- Loban, Rhett, and Tom Apperley. "Eurocentric Values at Play: Modding the Colonial from the Indigenous Perspective." In *Video Games and the Global South*, edited by Phillip Penix-Tadsen, 87–99. Pittsburgh, PA: Carnegie Mellon University, 2019.
- McCall, Jeremiah. "Navigating the Problem Space: The Medium of Simulation Games in the Teaching of History." *History Teacher* 1 (2012): 9–28.
 - ------. "Playing with the Past: History and Video Games (and Why It Might Matter)." *Journal of Geek Studies* 6, no. 1 (2019): 29–48.
- -------. "Teaching History with Digital Historical Games: An Introduction to the Field and Best Practices." *Simulation & Gaming* 47, no. 4 (2016): 517–42.
- ———. "Video Games as Participatory Public History." In *A Companion to Public History*, edited by D. M. Dean, 405–16. Hoboken, NJ: Wiley, 2018.
- McMichael, Andrew. "PC Games and the Teaching of History." *The History Teacher* 40, no. 2 (2007): 203–18.
- Metzger, Scott Alan, and Richard J. Paxton. "Gaming History: A Framework for What Video Games Teach About the Past." *Theory & Research in Social Education* 44, no. 4 (2016): 532–64.
- Mukherjee, Souvik. "Playing Subaltern: Video Games and Postcolonialism." *Games and Culture* 13, no. 5 (2018): 504–20.
- Mukherjee, Souvik, and Emil Lundedal Hammar. "Introduction to the Special Issue on Postcolonial Perspectives in Game Studies." *Open Library of Humanities* 4, no. 2 (November 6, 2018): 1–33.
- Nakamura, Lisa. "Queer Female of Color: The Highest Difficulty Setting There Is? Gaming Rhetoric as Gender Capital." *ADA* 1 (2012). https://doi.org/10.7264/ N37P8W9V. Accessed November 12, 2016.
- Nicholls, Matthew. "Digital Visualisation in Classics Teaching and Beyond." Journal of Classics Teaching 17, no. 33 (2016): 27–30.
- Oppenheim, Walter. "Complex Games and Simulations in Schools." *Teaching History* no. 34 (1982): 26–27.
- Peterson, Rolfe Daus, Andrew Justin Miller, and Sean Joseph Fedorko. "The Same River Twice: Exploring Historical Representation and the Value of Simulation in the Total War, Civilization and Patrician Franchises." In *Playing with the Past: Digital Games and the Simulation of History*, edited by Matthew Kapell and Andrew B. R. Elliott, 33–48. New York, NY: Bloomsbury, 2013.
- Prawer, Joshua. *The Crusaders' Kingdom: European Colonialism in the Middle Ages*. London: Phoenix Press, 2001.

- Schut, Kevin. "Strategic Simulations and Our Past: The Bias of Computer Games in the Presentation of History." *Games and Culture* 2, no. 3 (2007): 213–35.
- Šisler, Vít. "Digital Arabs: Representation in Video Games." *European Journal of Cultural Studies* 11, no. 2 (May 2008): 203–20.
- Šisler, Vít. "From Kuma\War to Quraish: Representation of Islam in Arab and American Video Games." In *Playing with Religion in Digital Games*, edited by Heidi Campbell and Gregory P. Grieve, 109–33. Digital Game Studies. Bloomington, IN: Indiana University Press, 2014.
- Spring, Dawn. "Gaming History: Computer and Video Games as Historical Scholarship." *Rethinking History* 19, no. 2 (2015): 207–21.
- Taylor, Tom. "Historical Simulations and the Future of the Historical Narrative." *History and Computing* 6, no. 2 (2003).
- Traxel, Oliver M. "Medieval and Pseudo-Medieval Elements in Computer Role-Playing Games: Use and Interactivity." In *Medievalism in Technology Old and New*, edited by Karl Fugelso and Carol L. Robinson, 125–42. Studies in Medievalism 16. Cambridge and Rochester, NY: D. S. Brewer, 2008.
- Tyerman, Christopher. *The Debate on the Crusades*. Issues in Historiography. Manchester: Manchester University Press, 2011.
- Wainwright, A. Martin. "Teaching Historical Theory through Video Games." *The History Teacher* 47, no. 4 (2014): 579–612.
- Williams, D., N. Martins, M. Consalvo, and J. D. Ivory. "The Virtual Census: Representations of Gender, Race and Age in Video Games." *New Media & Society* 11, no. 5 (2009): 815–34.
- Young, Helen. "Whiteness and Time: The Once, Present and Future Race." In *Medievalism on the Margins*, edited by Karl Fugelso, Vincent Ferré, and Alicia C. Montoya, 39–50. Studies in Medievalism 24. Cambridge: Boydell and Brewer, 2015.