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Summary

I do research into the process of knowledge production, exploring innovation both in organisations and computational methods. I am best known for co-developing the concept of peeragogy — a model of learning through co-creation — which has influenced educators internationally.

Education

- PhD, Computing, The Open University, 2014
- BA (Hons), Mathematics, New College of Florida, 2002

Selected Additional Training

- Teaching Data Analytics — Project TIER / UKRN (2025): “Teaching Transparent Methods of Empirical Research” (also guest speaker on “Teaching Reproducibility in Open World Scenarios”)
- Impact Evaluation — PathOS Project / UKRN (2025): “Using the PathOS Handbook to Evaluate the Impact of Open Research”.
- Entrepreneurship — Entrepreneur First (2020, LD14 cohort). Developed product design and market research for AI tutoring and coaching systems.

Current Positions

Open Research Project Manager, Oxford Brookes University (Dec 2022–present)

- Contributions to Research England funded project “Growing and Embedding Open Research in Institutional Practice and Culture.” Leading research evaluation of a national train-the-trainer programme. Cofacilitating a national Open Research Training Community of Practice.
- **UKRN Local Network Lead**. Developed training videos and an open source book (or-book.github.io) introducing open research topics across disciplines. Delivered strategy workshops and one-to-one consultations with researchers.

Director, Hyperreal Enterprises, Ltd. (Jun 2019–present)

- Consulting on citizen science and open data initiatives using novel co-design methods.

Previous Experience

Research Fellow, Institute for Ethical AI, Oxford Brookes University (Oct 2020–Dec 2022)

- Co-authored £1.5m EPSRC proposal on mathematical AI (rated 16/18: “very strong”).
- Published on virtue ethics applied to AI.
- **AI and Data Analysis Network Lead**

Associate Lecturer, Engineering, Computing & Mathematics, Oxford Brookes (2021–2022)

- Taught UG data analysis, PG survey methods, UG tutorials on Java programming; supervised MSc thesis “Code is Data.”

Hourly Paid Lecturer, Digital Humanities, King’s College London (2021–2022)

- Supervised 7 MA theses; tutorials on web programming.

Software Engineer (Clojure), Open Markets (2019)

- Implemented single-sign-on feature, enabling 10x user base growth.

Research Associate, MathSoMac, School of Informatics, University of Edinburgh (2016–2019)

- Research on mathematical knowledge production.
- Co-developed Data Science for Design MSc course.
- Co-supervised 1 MSc project in Informatics, on Wikidata.
- Tutorials on Haskell.

Research Associate, COINVENT, Goldsmiths, University of London (2014–2016)

- “*Best Paper*” at ICC 2016.

Research Assistant, DECIPHER, Knowledge Media Institute, Open University (2013)

- Developed a recommender system for museum professionals.

Editor, Peeragogy Project (2012–ongoing)

- Coordinated 3 editions of the Peeragogy Handbook.
- Hosted the Peeragogy in Action podcast.

Co-Director, PlanetMath.org, Ltd. (2008–2014)

- Led development of Planetary (**Elsevier Executable Papers Challenge Finalist**).

Selected invited talks and commissioned workshops

- Open Research at the Grant-writing stage [Open Science Retreat 2025]. (2025)
- Towards a National Open Research Culture, with a Training Community of Practice [NCRC Conversation Series; joint with Steve Boneham]. (2025)
- Women and Spinouts: a Case for Action [Entrepreneurship for All Conference, 2024; joint with Simonetta Manfredi]. (2024)
- Open Research Funding Sandpits for Local Network Leads. Oxford Brookes University; London School of Economics (2024).
- The Oxfordshire Doughnut [workshop for county staff, commissioned by the Oxfordshire County Council]. (2024)
- Public space for public health: a call to action [University of the West of England Springboard grant workshop commissioned by and jointly organised with Abby Tabor]. (2023)

Funding

- Oxford Brookes Proof of Concept Funding: Virtual Storytelling Application Toolkit (2025, £25k, Eric White PI; named collaborator, consulting via Hyperreal Enterprises on ~£10K portion)
- UWE Springboard Proposal (2021, £50k, PI Abby Tabor; named collaborator via Hyperreal Enterprises on ~£10K consulting portion). Developed participatory design methods for community empowerment.
- Principal’s Teaching Award, University of Edinburgh (2017, £14,800, PI Dave Murray-Rust). Member of team awarded a grant to extend the teaching and learning model from the new course “Data Science for Design,” including novel “Data Fair” format.
- Intelligent tools for creative thinking. (Award: £25,216, PI: Alan Smaill) 6 months Flexibility Funding through “The Integration and Interaction of Multiple Mathematical Reasoning Processes”, Funder: EPSRC Platform Grant (EP/N014758/1). Proposal author and named researcher..
- Making sense of meanings in dialogue (Award: £19,202, PI: Simon Colton) 6 months Flexibility Funding through “The Integration and Interaction of Multiple Mathematical Reasoning Processes”, Funder: EPSRC Platform Grant (EP/N014758/1). Proposal author and named researcher.
- Member Workshop VII: Serendipity Symposium. (Award: £500, Event budget.) Funder: AISB. Proposal author.
- Semantic Adaptivity and Social Networking in Personal Learning Environments. (Award: £40,545, PI: Joseph Corneli, full-time studentship) Funder: The Open University.

Other recent proposals

- AI for Collective Intelligence (AI4CI) rapid response fund (2025, £50k, two submissions in preparation). “Evaluating the impact of AI workshop participants on collective creativity” and “Proof Patterns: A Pilot for Human-AI Interaction in Mathematics”.
- OSCARS 2nd Open call (2025, €250k, co-author, under review) “Mapping Open Research Ecosystems”.
- EPSRC Mathematical AI (2021, £1.5m, primary author, proposal rated 16/18 “very strong”; not awarded). **Endorsement:** “I believe this is one of the most interesting proposals I have ever come across in my role as EPSRC proposals reviewer.” — Anonymous Reviewer

Supervision

- MSc Data Analytics, Oxford Brookes: 1 thesis (2021).
- MA/MSc Digital Humanities, King’s College London: 7 theses (2021-22).
- MSc Informatics, University of Edinburgh: 1 thesis (2018).
- Google Summer of Code at PlanetMath.org, Ltd.: 2 interns (2010s).

Residential Schools

- Open Science Retreat, 2025. (Associated preprint: Envisioning the Future of Research: 10 Changes for Open Research, <https://zenodo.org/records/15399868>)
- Summer School on Predictive Processing, Embodiment and Conscious Experience, 2019 (online)
- Summer School on Economic Networks, 2018
- Winter School on Computational Creativity, 2014
- Winter School on Advanced Technology Enhanced Learning, 2010
- Summer School on Minimal Surfaces, 2001

Scholarly Peer Review

- Paper Shepherd for Pattern Languages of Programs, 2017
- PC AISB Symposium on Computational Creativity, 2017
- Reviewed for Transactions on Learning Technologies, 2016
- PC International Conference on Computational Creativity, 2016, 2017
- PC Conference on Intelligent Computer Mathematics 2015, 2016
- Reviewed for Connection Science, 2015
- PC Workshop on Semantic Publication at the European Semantic Web Conference, 2011
- Reviewed for Transactions on Information Systems, 2011

Public engagement

- Invited brief on Peeragogy (Ecuador's Free Libre Open Knowledge (FLOK) Society project).
- Organised Oxfordshire Open Data Sandpit (2024 AI Festival).
- Podcast host: Peeragogy in Action.

Selected talks and outreach without an accompanying publication

- Open Future Design [Anticipation 2022, joint with Charles J. Danoff]. (2022)
- The making of “Modelling serendipity in a computational context” [Serendipity Society Symposium on Serendipity and Big Data, February 2021]. (2021)
- Looking for Serendip, Feeling Zembla [Creativity Week 2021; joint with Thomas Baruzzi]. (2021)

- Experience Report: Steps to “Emacs Hyper Notebooks” [EmacsConf 2020; joint with Raymond Puzio, and Cameron Ray Smith]. (2020)
- Emacs Research Group, Season Zero: What we did together with Emacs in 2 hours a week for a year [EmacsConf 2020; joint with Noorah Alhasan, Raymond Puzio and Leo Vivier]. (2020)

Publications

Journal papers

Crook, N., & JC. (2021). The anatomy of moral agency: A theological and neuroscience inspired model of virtue ethics. *Cognitive Computation and Systems*, 3(2), 109-122. <https://ietresearch.onlinelibrary.wiley.com/doi/epdf/10.1049/ccs2.12024>

JC, Martin, U., Murray-Rust, D., Rino Nesin, G., & Pease, A. (2019). Argumentation theory for mathematical argument. *Argumentation*, 33(2), 173-214. <https://doi.org/10.1007/s10503018-9474-x>

Pease, A., Lawrence, J., Budzynska, K., JC, & Reed, C. (2017). Lakatos-style collaborative mathematics through dialectical, structured and abstract argumentation. *Artificial Intelligence*, 246, 181-219. <http://www.sciencedirect.com/science/article/pii/S0004370217300267>

JC. (2012). Paragogical praxis. *E-Learning and Digital Media*, 9(3), 267-272. <https://journals.sagepub.com/doi/abs/10.2304/elea.2012.9.3.267>

Kohlhase, M., JC, David, C., Ginev, D., Jucovschi, C., Kohlhase, A., Lange, C., Matican, B., Mirea, S., & Zholudev, V. (2011). The planetary system: Web 3.0 & active documents for STEM [Special issue: Proceedings of the International Conference on Computational Science, ICCS 2011]. *Procedia Computer Science*, 4, 598-607. <http://www.sciencedirect.com/science/article/pii/S1877050911001219>

JC, Corwin, I., Hurder, S., Sesum, V., Xu, Y., Adams, E., Davis, D., Lee, M., Visocchi, R., & Hoffman, N. (2008). Double bubbles in gauss space and spheres. *Houston J. Math*, 34(1), 181-204. <http://metameso.org/~joe/DoubleBubbles.pdf>

JC, Hoffman, N., Holt, P., Lee, G., Leger, N., Moseley, S., & Schoenfeld, E. (2007). Double bubbles in S^3 and H^3 . *Journal of Geometric Analysis*, 17(2), 189-212. <http://www.springerlink.com/content/0721r1x1358p5771/fulltext.pdf>

JC, Holt, P., Lee, G., Leger, N., Schoenfeld, E., & Steinhurst, B. (2004). The double bubble problem on the flat two-torus. *Transactions of the American Mathematical Society*, 356(9), 3769-3820. <http://www.ams.org/tran/2004-356-09/S0002-9947-04-03551-2/S0002-994704-03551-2.pdf>

Alvarez, M. C., JC, Walsh, G., & Beheshti, S. (2003). Double bubbles in the three-torus. *Experimental Mathematics*, 12(1), 79-89. http://projecteuclid.org/DPubS/Repository/1.0/Disseminate?view=body&id=pdf_1&handle=euclid.em/1064858785

Conference papers

JC, Danoff, C.J., Puzio, R.S., Ayloo, S., Belich, S., Tedeschi, M., Pierce, C. “Patterns for a New Generation” accepted to Pattern Languages of Programs 2025. <https://arxiv.org/abs/2506.09696>

Tedeschi, M., Belich, S., Ricaurte Quijano, P., Danoff, C., JC, & Ayloo, S. (2024a). Peeragogy and Teaching. ICERI2024 Proceedings, 6079-6089. <https://doi.org/10.21125/iceri.2024.1475>

JC, Alhasan, N., Vivier, L., Murphy, A., Puzio, R. S., Tabor, A., Ayloo, S., Tedeschi, M., Singh, M., Khetan, K., & Danoff, C. J. (2025). Patterns of Patterns II. Proceedings of the 30th Conference on Pattern Languages of Programs. <https://dl.acm.org/doi/10.5555/3721041.3721050>

JC, Murphy, A., Puzio, R. S., Vivier, L., Alhasan, N., Bruno, V., Pierce, C., & Danoff, C. J. (2021). Patterns of patterns: A methodological reflection on the future of design pattern methods. Proceedings of the 28th Conference on Pattern Languages of Programs. [Also published as part of a collection, see item 6 in “Chapters in edited volumes”.]

JC, Holland, S., Pease, A., Mulholland, P., Murray-Rust, D., Scaltsas, T., & Smail, A. (2018a). Patterns of design. In T. Isaku (Ed.), 23rd European Conference on Pattern Languages of Programs (EuroPLOP '18), July 4-8, 2018, Irsee, Germany. <http://metameso.org/~joe/papers/corneli-et-al-workshop-F-embed.pdf>

JC, Martin, U., Murray-Rust, D., & Pease, A. (2017b). Towards mathematical AI via a model of the content and process of mathematical question and answer dialogues. In H. Geuvers, M. England, O. Hasan, F. Rabe, & O. Teschke (Eds.), Intelligent Computer Mathematics (Vol. 10383). Springer. <http://metameso.org/~joe/papers/corneli2017towards.pdf>

JC & Schubotz, M. (2017). math.wikipedia.org: A vision for a collaborative, semi-formal, language independent math(s) encyclopedia. In T. C. Hales, C. Kaliszyk, S. Schulz, & J. Urban (Eds.), 2nd Conference on Artificial Intelligence and Theorem Proving (March 26-30, 2017, Obergurgl, Austria). <http://metameso.org/~joe/papers/corneli2017math.pdf>

JC. (2016). An institutional approach to computational social creativity. In A. Cardoso, F. Pachet, V. Corruble, & F. Ghedini (Eds.), Proceedings of the Seventh International Conference on Computational Creativity, ICCC 2016. http://www.computationalcreativity.net/iccc2016/wpcontent/uploads/2016/06/paper_9.pdf

Charnley, J., Colton, S., Llano, M. T., & JC. (2016). The FloWr online platform: Automated programming and computational creativity as a service. In A. Cardoso, F. Pachet, V. Corruble, & F. Ghedini (Eds.), Proceedings of the Seventh International Conference on Computational Creativity, ICCC 2016. http://www.computationalcreativity.net/iccc2016/wp-content/uploads/2016/01/74_The-FloWr-Online-Platform-Automated-Programming.pdf

Llano, M. T., Guckelsberger, C., Hepworth, R., Gow, J., JC, & Colton, S. (2016). What if a fish got drunk? exploring the plausibility of machine-generated fictions. In A. Cardoso, F. Pachet, V. Corruble, & F. Ghedini (Eds.), Proceedings of the Seventh International Conference on Computational Creativity, ICCC 2016. http://www.computationalcreativity.net/iccc2016/wpcontent/uploads/2016/01/paper_52.pdf

Kaliakatsos-Papakostas, M., Confalonieri, R., JC, Zacharakis, A., & Cambouropoulos, E. (2016).

An argument-based creative assistant for harmonic blending. In A. Cardoso, F. Pachet, V. Corruble, & F. Ghedini (Eds.), *Proceedings of the Seventh International Conference on Computational Creativity, ICCC 2016*. http://www.computationalcreativity.net/iccc2016/wpcontent/uploads/2016/01/paper_28.pdf (Best paper award)

JC, Danoff, C. J., Pierce, C., Ricuarte, P., & Snow MacDonald, L. (2015a). Patterns of peeragogy. In F. Correia (Ed.), *Pattern Languages of Programs Conference 2015*, Pittsburgh, PA, USA, October 24-26, 2015. <http://metameso.org/~joe/papers/peeragogy-in-action.pdf>

Confalonieri, R., JC, Pease, A., Plaza, E., & Schorlemmer, M. (2015). Using argumentation to evaluate concept blends in combinatorial creativity. In S. Colton, H. Toivonen, M. Cook, & D. Ventura (Eds.), *Proceedings of the Sixth International Conference on Computational Creativity, ICCC 2015*. <http://axon.cs.byu.edu/ICCC2015proceedings/7.4Confalonieri.pdf>

Bou, F., JC, Gómez-Ramírez, D., Maclean, E., Smaill, A., & Pease, A. (2015). The role of blending in mathematical invention. In S. Colton, H. Toivonen, M. Cook, & D. Ventura (Eds.), *Proceedings of the Sixth International Conference on Computational Creativity, ICCC 2015*. <http://axon.cs.byu.edu/ICCC2015proceedings/3.2Bou.pdf>

JC, Jordanous, A., Shepperd, R., Llano, M. T., Misztal, J., Colton, S., & Guckelsberger, C. (2015b). Computational poetry workshop: Making sense of work in progress. In S. Colton, H. Toivonen, M. Cook, & D. Ventura (Eds.), *Proceedings of the Sixth International Conference on Computational Creativity, ICCC 2015*. <http://axon.cs.byu.edu/ICCC2015proceedings/13.1Corneli.pdf>

Colton, S., Pease, A., JC, Cook, M., & Llano, T. (2014). Assessing progress in building autonomously creative systems. In D. Ventura, S. Colton, N. Lavrač, & M. Cook (Eds.), *Proceedings of the Fifth International Conference on Computational Creativity, ICCC 2014*. http://computationalcreativity.net/iccc2014/wp-content/uploads/2014/06//8.4_Colton.pdf

JC, Marciniak, D., Danoff, C. J., Pierce, C., Ricuarte, P., Herder, J., Burroughs, S., Brett, G., & Graves, J. (2014). Building the peeragogy accelerator. In M. Quentin-Baxter (Ed.), *Proceedings of OER14: building communities of open practice*. http://metameso.org/~joe/papers/Building_the_Peeragogy_Accelerator.pdf

Ginev, D., & JC. (2014). NNexus Reloaded. In S. M. Watt, J. H. Davenport, A. P. Sexton, P. Sojka, & J. Urban (Eds.), *Intelligent Computer Mathematics* (pp. 423-426, Vol. 8543). Springer International Publishing. https://doi.org/10.1007/978-3-319-08434-3_31

Mulholland, P., Wolff, A., Zdrahal, Z., Li, N., & JC. (2013). Constructing and connecting storylines to tell museum stories. In H. Koenitz, T. I. Sezen, G. Ferri, M. Haahr, D. Sezen, & G. Çatak (Eds.), *Interactive Storytelling: 6th International Conference, ICIDS 2013, Istanbul, Turkey, November 6-9, 2013, Proceedings* (pp. 121-124, Vol. 8230). Springer International Publishing. https://doi.org/10.1007/978-3-319-02756-2_14

Tomlinson, B., Ross, J., André, P., Baumer, E., Patterson, D., JC, Mahaux, M., Nobarany, S., Lazzari, M., Penzenstadler, B., Torrance, A., Callele, D., Olson, G., Silberman, M., Ständer, M., Palamedì, F., Salah, A., Morrill, E., Franch, X., ... Saper, C. (2012). Massively distributed authorship of academic papers. *CHI'12 Extended Abstracts on Human Factors in Computing Systems*, 11-20. <http://metameso.org/~joe/papers/MassivelyCollaborativeExtendedAbstractCameraReady.pdf>

- Lange, C., Ion, P., Dimou, A., Bratsas, C., JC, Sperber, W., Kohlhase, M., & Antoniou, I. (2012). Reimplementing the mathematics subject classification (MSC) as a linked open dataset. In J. Jeuring, J. A. Campbell, J. Carette, G. Reis, P. Sojka, M. Wenzel, & V. Sorge (Eds.), *Intelligent computer mathematics* (pp. 458-462, Vol. 7362). Springer Berlin Heidelberg. https://doi.org/10.1007/978-3-642-31374-5_36
- JC & Ponti, M. (2012). Detecting mathematics learning online. In V. Hodgson, C. Jones, M. de Laat, D. McConnell, T. Ryberg, & P. Sloep (Eds.), *Proceedings of the 8th International Conference on Networked Learning 2012*. <http://metameso.org/~joe/papers/detecting-learning.pdf>
- JC & Danoff, C. (2011). Paragogy. In S. Hellmann, P. Frischmuth, S. Auer, & D. Dietrich (Eds.), *Proceedings of the 6th Open Knowledge Conference*. http://metameso.org/~joe/paper_5.pdf
- JC & Mikroyannidis, A. (2011). Personalised and peer-supported learning: The peer-to-peer learning environment (P2PLE). *Proceedings of the PLE Conference 2011*. https://www.researchgate.net/publication/235408016_Personalised_and_Peer-Supported_Learning_The_Peer-to-Peer_Learning_Environment_P2PLE
- JC. (2010). GravPad. In P. Ayers & F. Ortega (Eds.), *Proceedings of the 6th international symposium on wikis and open collaboration (WikiSym 2010)*. <http://oro.open.ac.uk/29278/>

Workshop papers

- Tedeschi, M., Ricaurte, P., Ayloo, S., JC, Danoff, C. J., & Belich, S. (2024b). AI Future Envisioning with PLACARD. *Proceedings of the 29th European Conference on Pattern Languages of Programs, People, and Practices*. <https://doi.org/10.1145/3698322.3698444>
- Danoff, C. J., Tedeschi, M., Ayloo, S., JC, & Puzio, R. (2024). PLACARD workshop. In T. Iba, N. Kimura, Y. Cheng, J. Yoder, H. Ito, C. Kohls, & H. Washizaki (Eds.), *10th Asian Conference on Pattern Languages of Programming (AsiaPLOP)*, February 28 to March 3, 2024, Fujisawa City, Kanagawa Prefecture, Japan. <https://hillside.net/asianplop/2024/files/proceedings//50.1.pdf>
- JC, Murray-Rust, D., & Bach, B. (2018b). Towards open-world scenarios: Teaching the social side of data science. In JC, C. Gucklesberger, C. Johnson, & A. Jordanous (Eds.), *Cybernetic Serendipity Reimagined Symposium, Proc. Annual Convention of the Society for the Study of Artificial Intelligence and Simulation of Behaviour*, University of Liverpool, Liverpool, UK, 4th-6th April 2018. http://ccg.doc.gold.ac.uk/serendipityaisb18/papers/paper_7.pdf
- JC, Martin, U., Murray-Rust, D., Pease, A., Puzio, R., & Rino Nesin, G. (2017c). Modelling the way mathematics is actually done. In M. Sperber, J. Bresson, M. Santolucito, & A. McLean (Eds.), *2017 International Workshop on Functional Art, Music, Modelling and Design (FARM 2017)*. ACM. <https://dl.acm.org/citation.cfm?id=3122938.3122942>
- Martin, U., Pease, A., & JC. (2017). Bootstrapping the next generation of mathematical social machines. In L. Kuper & B. Atkey (Eds.), *Off the Beaten Track workshop at POPL*, UPMC Paris, January 21, 2017. <http://popl17.sigplan.org/event/obt-2017-talk-5>
- Winterstein, D., & JC. (2016). X575: Writing rengas with web services. In P. Gervás & M. Purver (Eds.), *Workshop on Computational Creativity in Natural Language Generation (CC-NLG)* held

at INLG , September 5th, University of Edinburgh. <http://arxiv.org/pdf/1606.07955>

JC & Corneli, M. (2016). Teaching natural language to computers. In A. Abe & R. Rzepka (Eds.), Language Sense on Computers Workshop at IJCAI2016, July 9th, 2016. <http://arxiv.org/pdf/1604.08781>

Gow, J., & JC. (2015). Towards generating novel games using conceptual blending. In M. Cook, A. Liapis, & A. Zook (Eds.), Proceedings of experimental AI in games 2 (EXAG2), 14-15 november 2015, santa cruz, ca, usa. <http://metameso.org/~joe/papers/gow2015blending.pdf>

JC & Jordanous, A. (2015). Implementing feedback in creative systems: A workshop approach. In N. Osman & M. Yee-King (Eds.), Workshop on AI and Feedback at IJCAI2015, July 26th, 2015. <http://ceur-ws.org/Vol-1407/AInF2015paper2.pdf>

JC & Maclean, E. (2015). The search for computational intelligence. In Y. J. Erden, R. Giovagnoli, & G. Dodig-Crnkovic (Eds.), Social Aspects of Cognition and Computing Symposium, Proc. AISB Convention, University of Kent, Canterbury, UK, 20-22nd April 2015. http://www.cs.kent.ac.uk/events/2015/AISB2015/proceedings/socialComp/papers/SACCS-AISB2015_submission_6.pdf (SSAISB).

JC & Dumitru, M. (2012). PlanetMath/Planetary. In J. Davenport, J. Jeuring, C. Lange, & P. Libbrecht (Eds.), Joint proceedings of the 24th openmath workshop, the 7th workshop on mathematical user interfaces (mathui), and the work in progress section of the conference on intelligent computer mathematics (pp. 66-72). <http://ceur-ws.org/Vol-921/wip-02.pdf>

JC, Jucovschi, C., & Mikroyannidis, A. (2011). Planetmath redux: Web 2.0 infrastructure for mathematical problem solving. Workshop on Technology-Enhanced Learning for Mathematics and Science (TELMAS) at ECTEL, 21 September 2011, Palermo, Italy. <http://oro.open.ac.uk/29572/1/planetmath-redux-demo.pdf>

JC & Mikroyannidis, A. (2010). Live annotation and content discovery in personal learning environments. Workshop on Mash-up Personal Learning Environments at ECTEL, 29 September 2010, Barcelona, Spain. http://oro.open.ac.uk/26429/1/corneli_mupple10.pdf

David, C., Ginev, D., Kohlhase, M., & JC. (2010). eMath 3.0: Building blocks for a social and semantic web for online mathematics & eLearning. In I. Mierlus-Mazilu (Ed.), Workshop on Mathematics and ICT: Education, Research and Applications. http://buletinstiintific.utcb.ro/bs/arhiva2010/modelling_nr3_2010_special_issue.pdf

JC & Krowne, A. (2005). A scholia-based document model for commons-based peer production. In M. Halbert (Ed.), Free Culture and the Digital Library Symposium Proceedings (pp. 240- 253). MetaScholar Initiative at Emory University. <http://metameso.org/~joe/papers/sbdm.pdf>

Chapters in edited volumes

JC, Murphy, A., Puzio, R. S., Vivier, L., Alhasan, N., Danoff, C. J., Bruno, V., & Pierce, C. (2022). Patterns of patterns: A methodological reflection on the future of design pattern methods. In S. Inayatullah, R. Mercer, I. Milojević, & J. A. Sweeney (Eds.), CLA 3.0: Thirty Years of Transformative Research. Tamkang University Press. <https://arxiv.org/abs/2107.10497>

Pease, A., & JC. (2018). Evaluation of creativity. In R. Confalonieri, A. Pease, M. Schorlemmer, T. R. Besold, O. Kutz, E. Maclean, & M. Kaliakatsos-Papakostas (Eds.), *Concept Invention: Foundations, Implementation, Social Aspects and Applications* (pp. 277-294). Springer International Publishing. https://doi.org/10.1007/978-3-319-65602-1_10

JC, Pease, A., & Stefanou, D. (2018c). Social aspects of concept invention. In R. Confalonieri, A. Pease, M. Schorlemmer, T. R. Besold, O. Kutz, E. Maclean, & M. Kaliakatsos-Papakostas (Eds.), *Concept Invention: Foundations, Implementation, Social Aspects and Applications* (pp. 153- 186). Springer International Publishing. https://doi.org/10.1007/978-3-319-65602-1_6

Colton, S., Pease, A., JC, Cook, M., Hepworth, R., & Ventura, D. (2015). Stakeholder groups in computational creativity research and practice. In T. R. Besold, M. Schorlemmer, & A. Smaill (Eds.), *Computational Creativity Research: Towards Creative Machines*. Atlantis - Springer. http://metameso.org/~joe/papers/stakeholder_groups_author_proof.pdf

JC, Keune, A., Lyons, A., & Danoff, C. (2013). Peeragogy in action. In K. Braybrooke, J. Nissilä, & T. Vuorikivi (Eds.), *The Open Book* (pp. 80-87). The Finnish Institute, London. <http://peeragogy.org/peeragogy-in-action/>

JC & Mikroyannidis, A. (2012). Crowdsourcing education: A role-based analysis of online learning communities. In A. Okada, T. Connolly, & P. Scott (Eds.), *Collaborative Learning 2.0: Open Educational Resources*. IGI Global. http://oro.open.ac.uk/33221/1/corneli_chap_okada_book.pdf

Edited volume

JC, Danoff, C. J., Pierce, C., Ricuarte, P., & Snow MacDonald, L. (Eds.). (2016). *The Peeragogy Handbook* (3rd ed.). PubDomEd/Pierce Press. <http://peeragogy.org>

Unrefereed articles

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