Dr Pen Lister, CURRICULUM VITAE 2023

EDUCATION

PHD (2021)
Title: Experiencing the Smart Learning Journey: A Pedagogical Inquiry.
Department of Leadership for Learning and Innovation, Faculty of Education, University of Malta.
Principal supervisor Profs. P. Bonanno, University of Malta.
External supervisor Profs. J. Cook, Goethe University, Frankfurt, Germany.
Examiners: Profs. D Holley (external); Profs. J Traxler; Profs. R Sultana (chair); Profs. C Borg; Dr M Cutajar.

MA (2013)
Learning and Teaching in Higher Education. *Distinction.*
Faculty of Education, London Metropolitan University, UK.
Thesis title: "An exploration of key factors influencing (promoting or hindering) current and future use of technologies in learning and teaching, with relevance to metropolitan universities."
https://doi.org/ 10.13140/RG.2.2.14174.77122

SEDA (2012)
SEDA certified, Web-based Learning and Teaching.

MSc (2006)
Multimedia Systems. *Distinction.*
Faculty of Computing, London Metropolitan University, UK.
Thesis: final project developing multimedia website including PhP, Adobe Flash, video.
MSc 'Research and Development' module covered project management, qualitative and quantitative methods, experimental design, interviewing & surveys, innovation & creativity (achieved grade 84).

PROFESSIONAL ASSOCIATIONS

MBCS (2013)
Member of the British Computer Society

FHEA (2013)
Fellow of the Higher Education Academy

ACADEMIC PUBLICATIONS

Bonanno, P., Klichowski, M., & Lister, P. (2019). A Pedagogical Model for CyberParks. In Costa, C, S., Erjavec, I, S., Kenna, T., de Lange, M., Ioannidis, K., Maksymiuk, G., & de Waal, M. (Eds.), CyberParks – The Interface Between People, Places and Technology (pp. 294-307). Lecture Notes in Computer Science, Springer Open

Lister, P. J. (2014). 21st Century Competencies and Communities in Higher Education. In ePIC 2014, Evidence Based Learning, Proceedings of ePIC 2014, the 12th International ePortfolio

and Identity Conference, London, 9-10-11 July 2014. ADPIOS, Poitiers, France. ISBN: 978-2-9540144-3-9.

Lister, P. J. (2017). Evaluating Smart City Learning. In Antoine Zammit and Therese Kenna (Eds.), Enhancing Places through Technology, Proceedings of the ICiTy conference Valletta, 2016 (pp. 241-255). Edições Universitárias Lusófonas. http://www.ceied.ulusofona.pt/pt/download/publication-13-enhancing-places-through-technology/

Lister, P. (2018). A smarter knowledge commons for smart learning. Smart Learning Environments, 5, 8. Springer Open. https://doi.org/10.1186/s40561-018-0056-z

Lister, P. (2020). Smart Learning in the Community: Supporting Citizen Digital Skills and Literacies. In: Streitz N., Konomi S. (Eds.), *Distributed, Ambient and Pervasive Interactions. HCII 2020. Lecture Notes in Computer Science* (pp. 533-547). Springer Cham. https://doi.org/10.1007/978-3-030-50344-4_38

Lister, P. (2021a). Understanding experience complexity in a smart learning journey. SN Social Sciences 1(1), 42. Springer Nature. https://doi.org/10.1007/s43545-020-00055-9

Lister, P. (2021). What are we Supposed to be Learning? Motivation and Autonomy in Smart Learning Environments. In: Streitz, N., Konomi, S. (eds) *Distributed, Ambient and Pervasive Interactions. HCII 2021. Lecture Notes in Computer Science*, vol 12782. Springer, Cham. https://doi.org/10.1007/978-3-030-77015-0_17

Lister, P. (2021c). The Pedagogy of Experience Complexity for Smart Learning: considerations for designing urban digital citizen learning activities. *Smart Learning Environments.* Springer Open. https://doi.org/10.1186/s40561-021-00154-x

Lister, P. (2021d). Applying the PECSL: using case studies to demonstrate the Pedagogy of Experience Complexity for Smart Learning. *Smart Learning Environments.* Springer Open. https://doi.org/10.1186/s40561-021-00158-7

Lister, P. (2022a). Future-present learning and teaching: a case study in smart learning. In Sengupta, E., & Blessinger, P, (Eds.), *Changing the Conventional Classroom, Innovations in Higher Education Teaching and Learning (IHETL)*. Emerald Publishing. In press.

Lister, P. (2022b). Ways of Experiencing Technology in a Smart Learning Environment. In: Streitz, N.A., Konomi, S. (eds) *Distributed, Ambient and Pervasive Interactions. Smart Living, Learning, Well-being and Health, Art and Creativity. HCII 2022. Lecture Notes in Computer Science*, vol 13326. Springer, Cham. https://doi.org/10.1007/978-3-031-05431-0_11

Lister, P. (2022c). Measuring learning that is hard to measure: using the PECSL model to evaluate implicit smart learning. *Smart Learning Environments.* Springer Open. Manuscript submitted.

Lister, P., Cutajar, M., & Calleja J. (2022d). Reflections on Hybridity in the Malta Networked Learning Forum 2021. Networked Learning conference proceedings, 2022. Aalborg University.

Lister, P. (2023). Opening up Smart Learning Cities - Building Knowledge, Interactions and Communities for Lifelong Learning and Urban Belonging. In: Streitz, N.A., Konomi, S. (eds) *Distributed, Ambient and Pervasive Interactions. HCII 2023. Lecture Notes in Computer Science*, vol 14037. Springer, Cham. https://doi.org/10.1007/978-3-031-34609-5_5

Lister, P & Norris, T. (2023). Creating a city for all of us: a role for the Fediverse in archiving civic urban memory. Submitted.

Norris, T & Lister, P. (2023). Finding our Place – People and Things in Urban Citizen Belonging. In *Proceedings, AMPS conference Teaching Beyond the Curriculum, Creativity as an Experimental Agenda, Nov 2023*; in process.

INVITED SPEAKER

–   **IT Learning Centre, University of Oxford, UK.** Invited speaker for AI in Education series, 28th November 2019. Presentation. Learner Experience Complexity as data variables for smart learning. Slides available at https://speakerdeck.com/penworks/learner-experience-variables-data

–   **Royal College of Art, London, UK.** Invited lecturer, 90 minute Pre-Sessional masters lecture. Designing for Digital Citizens in Learning Cities. 21st August 2019. Slides available at https://speakerdeck.com/penworks/designing-for-digital-citizens-in-learning-cities

CONFERENCES

–   **ICiTy conference, Valletta, 2016**. Paper presentation, Evaluating Smart City Learning. University of Malta, September 2016.

–   **Belt and Road Open Educational Resources Conference**, Smart Learning Institute, Normal University, Beijing, China, 22nd March, 2018. Webinar presentation. Smart Learning & Open Access. Available at https://vimeo.com/260380588 [SEP]

–   **6th International Symposium on New Issues in Teacher Education (ISNITE).** Paper presentation. Future-present learning and teaching: a case study in smart learning. University of Malta, September 2019.

–   **International Conference on Human-Computer Interaction, HCII 2020:** Distributed, Ambient and Pervasive Interactions, July 24th, 2020. Paper presentation. Smart Learning in the Community: Supporting Citizen Digital Skills and Literacies.

–   **International Conference on Human-Computer Interaction, HCII 2021:** Distributed, Ambient and Pervasive Interactions *(details TBC).* Paper presentation. What are we supposed to be learning? Motivation and Autonomy in smart learning environments.

–   **Networked Learning Conference 2022.** *Symposium: Malta Networked Learning Forum 2021: Experiences and Reflections.* Aalborg University, Sweden, May 2022. Paper presentation Reflections on Hybridity in the Malta Networked Learning Forum 2021.

–   **International Conference on Human-Computer Interaction, HCII 2022:** Distributed, Ambient and Pervasive Interactions *track.* Paper presentation. Ways of Experiencing Technology in a Smart Learning Environment.

–   **International Conference on Human-Computer Interaction, HCII 2023:** Distributed, Ambient and Pervasive Interactions *track.* Paper presentation. Opening up Smart Learning Cities - Building Knowledge, Interactions and Communities for Lifelong Learning and Urban Belonging

–   **AMPS Teaching Beyond the Curriculum,** *Creativity as an Experimental Agenda***, Nov 2023.** Paper presentation. Finding our Place – People and Things in Urban Citizen Belonging, with Trevor Norris.

TEACHING EXPERIENCE

- **Digital Media, Web Applications and Multimedia** 2019-2020, School of Computing and Digital Media, London Metropolitan University. Teaching foundation year, undergraduate and post-graduate modules. Focus on web development, digital media practice, user-centred design (UCD) and user experience (UX).
- **Designing for Digital Citizens in Learning Cities** August 2019. Royal College of Art, London, UK. Invited lecturer, 90 minute Pre-Sessional masters lecture.
- **Smart Learning and Learning Cities** Spring 2019. Guest lecture with IMAESC students at University of Malta Faculty of Education, Dept of Arts, Open Communities & Adult Education.
- **Digital skills and literacies** Spring 2019. Seminar with IMAESC students at University of Malta Faculty of Education, Dept of Arts, Open Communities & Adult Education.
- **Smart learning sessions** 2016-2019. BEd. and MTL modules, University of Malta Faculty of Education.
- **Digital Media, Web Applications and Multimedia** 2006 – 2015, Faculty of Computing & Faculty of Social Sciences, London Metropolitan University. Teaching at all levels from extended degree to post-graduate programmes. Modules included academic development, video practice, audio practice, UX and UCD, web applications design and development, Adobe software suite, external client digital development projects with student teams (2008-2014); student teams as change agents (2010, 2014).

WORK HISTORY

Senior Blended Learning Facilitator (Senior Lecturer) 2009-2015
Centre for the Enhancement of Learning & Teaching (CELT), London Metropolitan University, UK.
Supporting staff in all aspects of technology enhanced learning: academic, content and technical.
- Design and development of the London Met 'E-Matrix' TEL academic community website. Complex dynamic ExpressionEngine CMS community website developed to support and share TEL practice at London Metropolitan University.
- Academic support & materials for video, audio, Google Apps, Blackboard Learn
- Support sessions in pedagogical use of technologies for L&T best practice: blogs, portfolios, class video, peer critique, writing for the web, digital bliteracies
- Advising on technological solutions for use case examples of digital practice and initiatives at strategic level for London Met.

Lecturer 2006 – 2015 and Associate Lecturer 2019-2020*
Faculty of Computing and Faculty of Social Sciences, London Metropolitan University, UK.
Digital media, Multimedia
Teaching at all levels from foundation year to post-graduate programmes, including supervision of undergraduate and post-graduate theses. During this time I worked with student teams on real high profile client projects for digital media work experience; as change agents to gather feedback via designing and implementing 'SocialMet' using social media and 'hallway methodology' to support the Strategic Plan at London Met. I also worked with students in a project known as Mediabank, gathering authentic feedback about courses as part of a digital

media work experience project. Later during this period I worked more for CELT, but continued to teach part-time and as a guest lecturer.

Skills: Html/CSS/Sassy/jQuery libraries/Grunt workflow/using NPM & Ruby/Flatfile and PhP MySQL CMS/ basic Git/video and audio editing and formats/social media metadata and other semantic web RDFa etc.

I additionally worked at London Met between 2019-2020 lecturing in digital media at foundation, undergraduate and post-graduate level.

Summary of Degree programmes taught: London Met & University of Malta

London Met:

Foundation In Computer Science	BSc Multimedia & Technology Applications
HND Digital Media	FDSc Creative Technologies
BA Digital Media	MSc Computer Animation
BSc Media & Communications	MSc Multimedia Systems
BSc Computer Animation	MSc Internet Applications Development
BSc Multimedia	MA Mass Communication

Malta:
International Masters in Adult Education for Social Change
MA Open & Networked Higher Education
MA Education
MA in Teaching & Learning
BEd

SUMMARY OF WORK HISTORY PRIOR TO 2006

- Freelance Web and Multimedia Developer 2003-2006.
- Senior Sales Executive, Shifting Gear International, music merchandise export. 1994-2003.
- Freelance worker, Mick Mahoney, London sculptor, 1992-1994.
- Market Research Interviewer, Pergamon Press Audience Selection, 1987-1992.
- Professional and semi professional singer-songwriter, 1982-1988.

References are available on request or provided in supplementary materials.