

# ROBERT POWER

BA, Dipl (JCA), BEd, MEd (IT), EdD

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Assistant Professor of Education &  
Educational Technology and Instructional Development Consultant

## EDUCATION

- 2015 EdD, Distance Education**  
Athabasca University, Athabasca, AB, Canada
- Thesis: Power, R. (2015). *A framework for promoting teacher self-efficacy with mobile reusable learning objects* (Doctoral dissertation). Athabasca University.  
Available from <http://hdl.handle.net/10791/63>
- Supervisor: Dr. Mohamed Ally
- 2003 Master of Education, Information Technology**  
Memorial University of Newfoundland, St. John's, NL, Canada
- 2001 Bachelor of Education, Intermediate / Secondary**  
Memorial University of Newfoundland, St. John's, NL, Canada
- 1997 Honours Diploma, Journalism / Communications Arts**  
Lawrence College, St. John's, NL, Canada
- 1996 Bachelor of Arts, English / History**  
Memorial University of Newfoundland, St. John's, NL, Canada

## AWARDS

- 2023 Instructional Leadership Award (2020-2022)  
Cape Breton University
- 2014 Graduate Student Research Fund, \$1268.00  
Athabasca University, Athabasca, AB, Canada
- 2014 Graduate Student Dissemination Fund, \$1991.00  
Athabasca University, Athabasca, AB, Canada
- 2000 Named to the Dean's List, Faculty of Education  
Memorial University of Newfoundland, St. John's, NL, Canada

1993 Dr. M.O. Morgan Entrance Scholarship  
Memorial University of Newfoundland, St. John's, NL, Canada

## PROFESSIONAL EXPERIENCE

**2020 – Assistant Professor, Education**  
Cape Breton University

Curriculum development and instruction of undergraduate and graduate-level educational technology and instructional design courses with the School of Education & Health at Cape Breton University (NS, Canada). Strategic leadership and management of Educational Technology programs with the School of Education & Health.

**2019 – President**  
Power Learning Solutions

Educational technology and instructional design, curriculum development, and professional development design, development, and delivery.

**2015 – Adjunct Professor, Educational Technology**  
Multiple Institutions

Curriculum development and instruction of undergraduate and graduate-level educational technology and instructional design courses with Athabasca University (AB, Canada), Cape Breton University (NS, Canada), Mt. Royal University (AB, Canada), Ontario Tech University (formerly University of Ontario Institute of Technology) (ON, Canada), and the University of Manitoba (MB, Canada).

**2018 – 2019 Instructional Development Consultant**  
British Columbia Institute of Technology

Work with instructional faculty and subject matter experts to apply instructional design principles to online, blended, and classroom course development. Project management and consultation for instructional and curriculum design and review. Professional development for instructional faculty.

**2018 Content Expert/Curriculum Developer**  
Thompson Rivers University

Content development, curriculum development, and instructional design and development for EDDL 5101: Educational Technology in the Curriculum, with Open Learning at Thompson Rivers University, British Columbia, Canada

**2016 Course Consultant**  
University of Manitoba

Curriculum development and instructional design and development for EDTC 0560: Using Technology for Teaching and Training, and the Applied Project in Teaching Online

(Capstone) course with Continuing and Professional Studies, Faculty of Extended Education, at the University of Manitoba.

**2015 – 2018    Leader, Online Learning**

Professional Practice and Integration, Fraser Health Authority

Lead strategic planning, design, implementation, promotion, coordination and maintenance of the Learning Management System (LMS), online course development processes, and other distributed learning educational designs for employee, physician and student learners throughout Fraser Health. Collaborate with provincial partners to promote and advance the user of learning technologies. Collaborate with key stakeholders to develop organizational learning policies, services and programs, and ensure that LMS and learning technology integration and course development and deployment link practice, job requirements, and other learning needs at the strategic, tactical and operational levels.

**2013 – 2015    Instructional Developer**

College of the North Atlantic-Qatar

Worked with course instructors and subject matter experts to develop online content for blended learning environments using College of the North Atlantic-Qatar's Desire2Learn (D2L) learning management system.

**2005 – 2013    Information Technology Instructor and ICDL Training & Testing Centre Coordinator**

College of the North Atlantic-Qatar

Instructed courses in application software, operating systems, Internet applications development, computer hardware and troubleshooting. Facilitated accreditation and coordination of the ICDL Training and Testing Centre. Provided professional development courses in IT skills for faculty, support staff and clients from outside corporations and state-governed K-12 schools.

**2003 – 2005    Technology / Learning Resources Teacher**

John Burke High School, Eastern School District of Newfoundland and Labrador

Instructed courses in technology. Administered school computer network. Managed Learning Resources Centre. Provided IT and learning resource support to teachers.

**2001 – 2002    English / Learning Resources Teacher**

Jane Collins Academy, Lewisporte-Gander School District

Instructed English and Business Communications courses. Managed Learning Resources Centre. Provided learning resource guidance and support to teachers.

**1997 – 2001    Newswriter/Broadcast Journalist**

Steele Communications/VOCM Radio

Conducted interviews and wrote news stories for on-air broadcast on VOCM News. Read on-air news broadcasts. Performed on-the-spot news coverage. Formatted and uploaded news stories for the VOCM News website.

**1991 – 1997    Supply Technician**  
Canadian Forces Reserves

Supply technician and Assistant Quarter Master with the 56<sup>th</sup> Field Engineer Squadron, Canadian Forces Reserves, Canadian Forces Station St. John's, NL, Canada.

## RESEARCH EXPERIENCE

**2024 --        Lead Researcher**  
**Multi-Institution**

Lead researcher for the Alternative Pathways to Teacher Certification research study. This ongoing research project is examining the efficacy of different pathways to the completion of teacher certification training on graduates' perceptions of self-efficacy as teaching professionals, as well as the impacts of alternative certification pathways on teacher recruitment and addressing identified teacher shortages in different jurisdictions.

**2023            Lead Researcher**  
**Ontario Tech University, Oshawa, ON, Canada**

Lead researcher for the Evaluating Graduate Education Students' Self-Efficacy with the Use of Artificial Intelligence Agents in Teaching and Learning research study. Study evaluated the impact of targeted professional development and hands-on experience with the use of Artificial Intelligence writing tools on the self-efficacy of graduate-education students with the use of AI tools in classroom practice and established the ChatGPT Teachers' Sense of Efficacy Scale (Chat-T) research instrument.

**2020 – 2022    Lead Researcher**  
**Multi-Institution**

Lead researcher for the Higher Education Faculty Responses to the Transition to Online Teaching During the COVID-19 research study.

**2015            Lead Researcher**  
**Multi-Institution**

Lead researcher for the research study Exploring Teacher Self-Efficacy in an International MOOC. Study designed to confirm the reliability and construct validity of the Mobile Teacher's Sense of Efficacy Scale (mTSES) instrument, and to use the mTSES to assess the impact of an international Massive Open Online Course (MOOC) called *Instructional Design for Mobile Learning* (ID4ML) on participants' perceptions of self-efficacy with mobile learning teaching strategies.

**2014 – 2015    Lead Researcher (Doctoral Candidate)**  
Athabasca University, Athabasca, AB, Canada

Lead researcher for the doctoral dissertation research project *A framework for promoting teacher self-efficacy with mobile reusable learning objects*. Developed an

online professional development course centred on using the Collaborative Situated Active Mobile (CSAM) learning design framework, and assessed the impact of participation in the course on teachers' perceptions of self-efficacy with mobile learning strategies.

**2014**                    **Research Assistant**  
Athabasca University, Athabasca, AB, Canada

Research assistant for the *Mobile Learning* research project partnership between Athabasca University, Qatar University, Qatar Foundation, and Qatari industry. Responsibilities included liaising with appropriate administrative and instructional personnel at College of the North Atlantic-Qatar, and identification of appropriate student control and experimental groups for participation in portions of the research study data collection phase taking place on campus at College of the North Atlantic-Qatar. Responsibilities also included the facilitation of participant instructor and student briefing sessions, and the administration of pre and post-treatment assessments and follow-up surveys.

**2012**                    **Lead Researcher**  
College of the North Atlantic-Qatar, Doha, Qatar

Lead researcher for a mobile learning research project entitled *QR Cache: Assessing the feasibility of using Quick Response (QR) codes and mobile devices to help students master computer-related workplace English competencies*. Developed a set of mobile device compatible Reusable Learning Objects (RLOs) designed to cover content from the Hardware Components module of the TPP-MC-105 course. Prepared Research Ethics Committee and SEED Funding Committee applications. Prepared participant student and instructor feedback survey instruments. Primary responsibility for conducting data analysis and preparing final research report(s) and conference presentations. Supervision of student research assistant from the School of IT, College of the North Atlantic-Qatar.

**2003**                    **Research Assistant and Online Facilitator**  
Memorial University of Newfoundland, St. John's, NL, Canada

Assisted the Principal Investigator for Newfoundland and Labrador. Dr. Elizabeth Murphy with interviews, video conference sessions, and report writing for the Telesat Multimedia Satellite Trials for Schools.

## PROFESSIONAL ACADEMIC AND ADMINISTRATIVE EXPERIENCE

### Professional Organizations

**2013 – 2019**        **Executive Committee**  
International Association for Mobile Learning (IAmLearn)

President, Executive Committee (elected October 2017) (Member-at-Large from 2013-2017). Responsibilities include contributing to planning and policy for the Association's

ongoing research and professional development initiatives in partnership with institutions and organizations from around the world. Responsibilities also include planning and policy related to the Association's annual mLearn conference series, as well as communications and promotion of the Association and of mobile and contextual learning research and practical implementation issues in general.

**2021 – Member**  
International Association for Blended Learning (IABL)

**2022 – Board of Directors**  
Canadian Network for Innovation in Education (CNIE)

Elected to Board of Directors (May 2022 – May 2024).  
Elected as Vice-President of the Board of Directors (May 2023 – May 2024), and President of the Board of Directors (May 2024 – May 2025).

### Conference Organization

**2012 – 2013 12<sup>th</sup> World Conference on Mobile and Contextual Learning (mLearn 2013)**  
International Association for Mobile Learning and College of the North Atlantic-Qatar

Served as project manager and conference chair for the 12<sup>th</sup> annual global conference of the International Association for Mobile Learning (IAmLearn). Responsibilities included management of logistical conference arrangements, creation and management of the conference website, presentation proposal submission system, and conference registration system. Responsibilities also included the formation and chairing of the local conference planning committee, coordination of corporate conference sponsors, coordination of the vetting of presentation proposal submissions, and production and publication of the conference proceedings.

**2012 – 2013 6<sup>th</sup> Annual Exploring ICT in Education Conference**  
College of the North Atlantic-Qatar, Doha, Qatar

Served as project manager for the 6<sup>th</sup> Annual Exploring ICT in Education Conference hosted by the School of Information Technology, College of the North Atlantic-Qatar. Responsibilities included management of logistical conference arrangements, creation and management of the conference website, presentation proposal submission systems, and conference registration system.

### Institutional Committees

**2021 – present Accessible Campus Committee**  
Cape Breton University

Collaborating with representatives from across Cape Breton University, as well as external stakeholders, to identify areas for remediation and develop a report to outline the steps necessary for the university to meet compliance requirements for Accessibility standards for the Province of Nova Scotia, Canada.

**2020 – 2021 Faculty Development Working Group**

## Cape Breton University

Collaborating with representatives from across Cape Breton University, including the Center for Teaching and Learning, to provide guidance and develop resources to help faculty transition to teaching courses online during the COVID-19 pandemic. This included helping to develop and facilitating sessions as part of the University Teaching Program (UTP) and serving as a Faculty Troubleshooter.

**2014 – 2015 Mobile Learning Subcommittee**

College of the North Atlantic-Qatar, Doha, Qatar

Serving as a member of the mobile learning subcommittee of the College of the North Atlantic-Qatar Strategic Planning Steering Committee. Responsibilities include researching current student mobile device usage trends and attitudes towards mobile device usage in learning, and proposing strategic initiatives for the integration of mobile learning strategies at College of the North Atlantic-Qatar, including initiatives for applied research, classroom practice, and faculty professional development.

**2011 – 2015 SEED Program Adjudication Committee**

College of the North Atlantic-Qatar, Doha, Qatar

Worked with other members of the SEED Program Adjudication Committee and the Office of Applied Research, College of the North Atlantic-Qatar. Responsibilities included the evaluation of applications from full-time faculty and staff of College of the North Atlantic-Qatar for permission to conduct research projects, and the determination of eligibility for funding from the SEED Program and the Qatar National Research Fund's Undergraduate Research Experience Program.

**2009 – 2010 Learning Management Systems Steering Committee**

College of the North Atlantic-Qatar, Doha, Qatar

Worked with other members of the Learning Management Systems Steering Committee to develop a report for the Vice President, Academic, and the Executive Committee, College of the North Atlantic-Qatar, on recommendations for the purpose, vision, and effective implementation of Learning Management Systems for the College.

**Manuscript Reviewing****2014 – International Journal of Interactive Mobile Technologies (IJIM)**

Peer review of paper submissions.

**2014 13<sup>th</sup> World Conference on Mobile and Contextual Learning (mLearn 2014)**

Peer review of paper submissions.

**2013 – International Journal of Mobile and Blended Learning (IJMBL)**

Guest editor for a special edition (Volume 6, Issue 4) dedicated to the 12<sup>th</sup> World Conference on Mobile and Contextual Learning (mLearn 2013). Peer review of paper submissions.

- 2013 –**            ***Learning and Teaching in Higher Education: Gulf Perspectives (LTHE: Gulf Perspectives)***  
Peer review of paper submissions.
- 2013**            **12<sup>th</sup> World Conference on Mobile and Contextual Learning (mLearn 2013)**  
Lead editor for conference proceedings. Peer review of paper submissions.
- 2011 –**            ***International Review of Research in Open and Distributed Learning (IRRODL)***  
Peer review of paper submissions.

## **TEACHING EXPERIENCE**

### **Educational Technology Courses**

**(Centre for Distance Education, Athabasca University, 2016 - )**

- MDDE 604: Instructional Design in Distance Education
- MDDE 610: Survey of Current Educational Technology Applications
- MDDE 619: Trends and Issues in Instructional Design
- MDDE 620: Technology in Education and Training

### **Educational Technology Courses**

**(Cape Breton University, 2018 - )**

- EDUC4108: Leveraging Technology for Learning
- EDUC4133: Teaching English as a Second Language in an Additive Bilingual Model
- EDUC5103: Integration of Instructional Design and Information Technology
- EDUC5107: Information Management in Education Environments
- EDUC5131: Digital Citizenship in a Global Community
- EDUC5800: Applied Research Project

### **Educational Technology Courses**

**(Mount Royal University, 2016 - )**

- XCDA 10001: Principles of Instructional Design
- XCDA 10002: Designing Assessment Strategies
- XCDA 10003: Designing Instructional Strategies

### **Educational Technology Courses**

**(Ontario Tech University, 2015 - )**

- AEDT1160U: Digital Communications Technologies
- EDST 4470U: Trends and Issues in Educational Technology
- EDUC 5101G: Innovative Digital Pedagogies
- EDUC 5102G: Educational Technology & Communication
- EDUC 5103G: Online Technology in Education
- EDUC 5104G: Analysis and Design of Digital Learning Tools
- EDUC 5107G: Teaching & Learning with Mobile Technologies
- EDUC 5111G: Social Media and Education
- EDUC 5199G: Teaching & Learning in an Online World



- EDUC 5209G: Critical Issues in Leadership Education
- EDUC 5303G: Technology & the Curriculum
- EDUC 5405G: Digital Technologies in Adult Education
- EDUC 5507G: Accessible Learning with Technology

### **Educational Technology Courses**

(University of Manitoba, 2016 - )

- EDTC 0530: Instructional Design for eLearning
- EDTC 0540: Instructional Systems and Learning Technologies
- EDTC 0560: Using Technology for Teaching and Training
- EDTC 0592: Applied Project in Online Teaching

### **Information Technology Courses**

(College of the North Atlantic-Qatar, 2005 - 2015)

- CP1280: Windows Client
- CP1310: Windows Server Administration
- CP1510: Windows Operating System
- CP1610: Introduction to Computer Components
- CP1910: Computer Hardware and Troubleshooting I
- CP2060: Operating System Fundamentals
- CP2190: Linux Operating System
- CR1260: Client Service for the Computer Industry
- CT1150: Introduction to Computers for Technology
- EP1140: Business Operations in Information Systems
- MC1050: Introduction to Computers
- MC1220: Productivity Tools I
- MC1221: Productivity Tools II
- MC1241: Computer Applications II
- MC1800: Software Applications I
- MC1801: Software Applications II
- MC1810: Fundamental Computer Applications
- MC1820: Computer Applications
- MC2220: Productivity Tools III
- SD1570: Effective Learning
- TPP-MC105: Introduction to Computers (Technical Preparatory Program – Qatar Petroleum)

### **Professional Development Courses**

**(British Columbia Institute of Technology (2018 – present))**

- Blended Learning Seminar (10-week faculty professional development program)
- Instructional Skills Workshop (facilitator)

### **Professional Development Courses**

(College of the North Atlantic-Qatar, 2005 - 2015)

- International Computer Driver's License (ICDL) Core Certificate
- Information Technology Skills for the Workplace

- Welcome to D2L
- Teaching with D2L
- Building Courses with D2L

### **Contract Training Courses**

(College of the North Atlantic-Qatar, 2005 - 2015)

- International Computer Driver's License (ICDL) Core Certificate
  - Ministry of Finance, State of Qatar, Spring 2007
  - Served as instructional and testing coordinator
- International Computer Driver's License (ICDL) Core Certificate Testing
  - Qatar International School. State of Qatar, 2008-2009, 2009-2010
  - Served as testing coordinator for students and staff from Qatar International School
- CE-IT 1010: Using Interactive Whiteboards in the Curriculum
  - Supreme Education Council, State of Qatar, 2009-2010
  - Served as a program developer in collaboration with the Supreme Education Council of Information and Communication Technology, State of Qatar
  - Served as an instructor working with teachers and support staff from state-governed K-12 schools.
- Digital Inclusion for Women Trainer Skills Workshop
  - Supreme Education Council of Information and Communications Technology (ictQATAR), 2012
  - Served as a program developer in collaboration with the Supreme Education Council of Information and Communications Technology, State of Qatar
  - Served as a content developer for the Digital Inclusion for Women community development program in collaboration with the Supreme Education Council of Information and Communications Technology, State of Qatar
  - Served as the Learning Management System course interface and content developer for the Trainer Skills Workshop program
  - Served as a face-to-face and online instructor working with trainers employed by local training companies in preparation for their delivery of the Digital Inclusion for Women community development program.

### **Intermediate/Secondary Courses:**

(Eastern School District and Lewisporte-Gander School District, Province of Newfoundland and Labrador)

- Communications Technology 3400, John Burke High School, Grand Bank, NL (2003-2005)
- English 9, Jane Collins Academy, Hare Bay, NL (2001-2002)
- English 1202, Jane Collins Academy, Hare Bay, NL (2001-2002)
- English 2101: Research and Writing, Jane Collins Academy, Hare Bay, NL (2001-2002)
- English 2204: Canadian Literature, Jane Collins Academy, Hare Bay, NL (2001-2002)
- English 3102: Business English, Jane Collins Academy, Hare Bay, NL (2001-2002)
- Integrated Systems 1205, John Burke High School, Grand Bank, NL (2003-2005)
- Technology 8, John Burke High School, Grand Bank, NL (2003-2005)
- Technology 9, John Burke High School, Grand Bank, NL (2003-2005)
- Web Masters 3224, John Burke High School, Grand Bank, NL (2003-2005)

**Massive Open Online Courses (MOOCs):**

(Offered as an independent subject matter expert and instructional developer)

- **Creating Mobile Reusable Learning Objects Using Collaborative Situated Active Mobile (CSAM) Learning Strategies (May-June 2014)**
  - Online professional development course hosted on the Canvas open learning management system.
  - Course designed as part of EdD dissertation research project at Athabasca University, AB, Canada.
  - Participants included professional educators from Canada, the United States, and Qatar.
  - Served as subject matter expert, instructional developer and course facilitator.
  
- **Instructional Design for Mobile Learning (ID4ML) (May-June 2015)**
  - Online professional development course hosted on the Canvas open learning management system.
  - Course designed for open enrollment with an international target audience of professional educators.
  - Served as subject matter expert, instructional developer, and course co-facilitator.

**PUBLICATIONS**

Glahn, C., Power, R., Tan, E., Hambrock, H., Specht, M., Parsons, D., Brown, T., Cristol, D., and Mac Cullum, K, (Eds), (2019). *Proceedings of the 18th World Conference on Mobile and Contextual Learning*, 16-18 September 2019, Delft, Netherlands.

<https://www.learntechlib.org/j/MLEARN/v/2019/n/1/>

Glahn, C., Power, R., Tan, E., (2019). Future Learning Through Experiences and Spaces. In Glahn, C., Power, R., Tan, E., Hambrock, H., Specht, M., Parsons, D., Brown, T., Cristol, D., and Mac Cullum, K, (Eds), *Proceedings of the 18th World Conference on Mobile and Contextual Learning*, 16-18 September 2019, Delft, Netherlands. <https://www.learntechlib.org/p/210594/>

Hambrock, H., de Villiers, F., Power, R., Koole, M., Ahmed, M., Ellis, W., Abd Karim, R., Kurubacak, G., El-Hussein, M., Ossiannilsson, E., Sharma, R., José Sousa, M., & Wollin, U. (2022). *Seamless Learning in Higher Education 2: Comparisons from International Educators of Changes During a Global Pandemic* (H. Hambrock, F. de Villiers, R. Power, and M. Koole, Eds). International Association for Mobile Learning and Power Learning Solutions. ISBN 978-1-9993825-6-8. <https://pressbooks.pub/seamlesslearning2/>

Hambrock, H., de Villiers, F., Rusman, E., MacCullum, K., & Arrieya Arrifin, S. (2020). *Seamless Learning in Higher Education* (R. Power, Editor). [eBook]. International Association for Mobile Learning. <https://seamlesslearning.pressbooks.com/>

Kay, R., Ruttenberg-Rozen, R., & Power, R. (in press). Exploring an Evidence-Based Framework for Classifying and Using Educational Apps: A Review of the Literature. *Computers & Education*.

Moodley, K., Cacellier, C., Power, R., Côté, P. (2020). Evidence-based Claims Adjudication of Traffic Injury Claims in Ontario: Shifting the Focus from Cost to Care. *Journal of Insurance Medicine*, 48(2), 154-164. <https://journalofinsurancemedicine.org/doi/10.17849/in-sm-48-2-1-11.1>

- Parsons, D., Power, R., Hambrock, H., & MacCullum, K. (Eds). (2021). *Proceedings of the 19th World Conference on Mobile, Blended, and Seamless Learning (mLearn 2020)*, 2-4 November 2020, Cairo, Egypt. <https://www.learntechlib.org/jj/MLEARN/v/2020/n/1/>
- Power, R. & Kay, R. (2023). Higher Education Faculty Supports for the Transition to Online Teaching during the COVID-19 Pandemic. *Journal of Educational Informatics*, 4(1), 49-72. <https://journalofeducationalinformatics.ca/index.php/JEI/article/view/191>
- Power, R., Kay, R., & Craig, C. (2023). The Effects of COVID-19 on Higher-Education Teaching Practices. *International Journal of E-Learning & Distance Education*, 38(2). <https://www.ijede.ca/index.php/jde/article/view/1255/1899>
- Power, R. (2024). Evaluating Graduate Education Students' Self-Efficacy with the Use of Artificial Intelligence Agents: A Case Study. *Journal of Educational Informatics*, 5(1), 3-19. <https://journalofeducationalinformatics.ca/index.php/JEI/article/view/269>
- Power, R. (2024). *The ALT Text: Accessible Learning with Technology*. Power Learning Solutions. 978-1-7390190-2-0. <https://pressbooks.pub/thealttext/>
- Power, R. (2023). *Everyday Instructional Design: A Practical Resource for Educators and Instructional Designers*. [eBook]. Power Learning Solutions. ISBN 978-1-9993825-8-2 <https://pressbooks.pub/everydayid/>
- Power, R. (2022). Accessibility in Online Learning. In R. H. Kay & W.J. Hunter (Eds.), *Thriving Online: A Guide for Busy Educators* (pp. 101-108). Ontario Tech University. <https://doi.org/10.51357/ERZM7438>
- Power, R., (2022). Adding Accessibility to Student Feedback. In R. Power (Ed.), *Integration of Instructional Design and Technology, Vol 2*. pp. 63-65. Power Learning Solutions. ISBN 978-1-9993825-5-1. <https://idandtech.pressbooks.com/chapter/adding-accessibility-to-student-feedback/>
- Power, R. (2022). Creating Online Learning Modules. In R. H. Kay & W.J. Hunter (Eds.), *Thriving Online: A Guide for Busy Educators* (pp. 164.173). Ontario Tech University. <https://doi.org/10.51357/JKGQ6434>
- Power, R., (2022). Finding the Right Tool is Not Enough: Addressing Copyright and Privacy Considerations. In R. Power (Ed.), *Integration of Instructional Design and Technology, Vol 2*. pp. 66-68. Power Learning Solutions. ISBN 978-1-9993825-5-1. <https://idandtech.pressbooks.com/chapter/finding-the-right-digital-tool-is-not-enough-addressing-copyright-and-privacy-considerations/>
- Power, R. (Ed.), (2022). *Integration of Instructional Design and Technology, Vol 2*. [eBook]. Power Learning Solutions. ISBN 978-1-9993825-5-1. <https://idandtech.pressbooks.com/>
- Power, R., (2022). Maximizing the Impact of Instructional Video Length. In R. Power (Ed.), *Integration of Instructional Design and Technology, Vol 2*. pp. 1-3. Power Learning Solutions. ISBN 978-1-9993825-5-1. <https://idandtech.pressbooks.com/chapter/maximizing-the-impact-of-instructional-video-length/>

- Power, R., Gallant, G., Gallant, J., Girouard, J., Hildebrandt, K., MacLeod, J., McCarthy, T., Mugford, J., Pinhorn, C., & Pitts, M. (2020). *Integration of Instructional Design and Technology to Support Rapid Change*. [eBook]. Power Learning Solutions. ISBN 978-1-9993825-3-7. <https://idandrapidchange.pressbooks.com/>
- Power, R. (2020). A Rapid Transition to Online Learning Survival Guide. In *Integration of Instructional Design and Technology to Support Rapid Change*. [eBook]. Power Learning Solutions. <https://idandrapidchange.pressbooks.com/chapter/survivalguide/>
- Power, R. (Ed). (2019). *Technology and the curriculum: Summer 2019*. [eBook]. Power Learning Solutions. ISBN 978-1-9993825-1-3. <https://techandcurr2019.pressbooks.com/>
- Parsons, D., Power, R., Palalas, A., Hambrook, H., Mac Callum, K., (Eds), (2018). *Proceedings of the 17th World Conference on Mobile and Contextual Learning*, 11-14 November 2018, Chicago, IL, USA. <https://www.learntechlib.org/j/MLEARN/v/2018/n/1/>
- Power, R. (2019). Design of mobile teaching and learning in higher education: An introduction. In Zhang, Y., Cristol, D. (eds), *Handbook of Mobile Teaching and Learning* (2<sup>nd</sup> Edition). Springer. [https://doi.org/10.1007/978-3-642-41981-2\\_10-2](https://doi.org/10.1007/978-3-642-41981-2_10-2)
- Power, R. (Ed.) (2018). *Technology and the curriculum: Summer 2018*. [e-book]. Power Learning Solutions. <https://techandcurriculum.pressbooks.com/>
- Power, R. (2018). Supporting mobile instructional design with CSAM. In Yu, S., Ally, M., & Tsanikos, A. (Eds), *The International Handbook of Mobile and Ubiquitous Learning*, pp. 193-209. Springer Nature. [https://doi.org/10.1007/978-981-10-6144-8\\_12](https://doi.org/10.1007/978-981-10-6144-8_12)
- Power, R., Ally, M., Cristol, D., & Palalas, A. (Eds). (2017). *IAmLearning: Mobilizing and Supporting Educator Practice*. [e-Book]. International Association for Mobile Learning. ISBN 978-1-7751408-0-1. <https://iamlearning.pressbooks.com/>
- Power, R., Cristol, D., Gimbert, B., Bartoletti, R, & Kilgore, W. (2016). Using the mTSES to evaluate and optimize mLearning professional development. *The International Review of Research in Open and Distributed Learning*, 17(4). <http://www.irrodl.org/index.php/irrodl/article/view/2459>
- Power, R. (2015). *A framework for promoting teacher self-efficacy with mobile reusable learning objects* (Doctoral dissertation, Athabasca University). <http://hdl.handle.net/10791/63>
- Power, R. (Ed). (2014). Special issue from the 12<sup>th</sup> World Conference on Mobile and Contextual Learning. *International Journal of Mobile and Blended Learning*, 6(4). <http://www.igi-global.com/ijmbl>
- Power, R., Cristol, D., & Gimbert, B. (2014). Exploring tools to promote teacher efficacy with mLearning. In M. Kalz, Y. Bayyurt, & M. Specht (Eds), *Mobile as a mainstream – Towards future challenges in mobile learning: Communications in Computer and Information Science Volume 479*, pp. 61-68. [http://link.springer.com/chapter/10.1007/978-3-319-13416-1\\_7](http://link.springer.com/chapter/10.1007/978-3-319-13416-1_7)
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## CONFERENCE WORKSHOPS AND PRESENTATIONS

- Hambrock, H., Power, R., De Villiers, F., Sharma, R., Kurubacak, G., Ossiannilsson, E., Elbahayi, M., El-Hussein, M., Sousa, M., Abd Karim, R., Sofiadellis, V, Wollin, U., & Rusman, E. (2021, October 6-7). *Global Research Project (GRP) Feedback Session 2018-2021: Seamless Learning from a Global Perspective*. [Invited presentation]. 20th World Conference on Mobile, Blended and Seamless Learning (mLearn 2021), Tallinn, Estonia.
- Kay, R., & Power, R. (2022, May 26). *Learning How to Evaluate Mobile Apps to Maximize Learning*. Redefining Learning in a Digital Age, 24-26 May 2022, Oshawa, ON, Canada.
- Power, R. and Hambrock, H. (2024, April 10). *Seamless teaching and learning from an AI perspective*. [Webinar]. AI for Education IRN-ISSE Webinar Series 2024.

- Power, R. (2024). *Educator Confidence with AI: A Case Study and a New Research Tool*. Invited presentation at Artificial Intelligence: The Balance of Innovation and Prevention, 21 March 2024, Cape Breton University, Sydney, NS, Canada.
- Power, R., & Kay, R. (2022, May 25). *Tipping the Scale Toward Innovative Technology Use for Teachers*. Redefining Learning in a Digital Age, 24-26 May 2022, Oshawa, ON, Canada.
- Power, R. (2022, June 13). *Integrating Digital Technologies for Engagement*. ISW East Coast Spring Institute, 13-15 June 2022, Halifax, NS, Canada.
- Power, R. (2022, May 4). *How to Make OHS Training Exciting*. 2022 Presentation at Safety First in Cape Breton Symposium, 4 May 2022, Membertou, NS, Canada.
- Power, R. (2022, March 29). *Choosing the Right Tool: Key Considerations*. [Webinar]. Invited presentation for ELD2033: Learning Management Systems (LMS) and Web Conferencing Applications, Queens College, Kingston, ON, Canada.
- Power, R., and Jack-Malik, S. (2021, May 18). *Assistive Technology and Tools for Students and Adults with Dyslexia*. [Webinar]. Dyslexia Canada.
- Power, R., and Sheppard, B. (2021, May 3). *Digital Accessibility Essentials for Educators*. [Webinar]. Power Learning Solutions and Sheppard Diversity Training. <https://youtu.be/-YKKonlYoX4>
- Power, R., and Jack-Malik, S. (2020, October 5). *Using Assistive Technology to Create an Inclusive Classroom*. [Webinar]. Dyslexia Canada. [https://youtu.be/pz68X\\_q-rS8](https://youtu.be/pz68X_q-rS8)
- Power, R. (2019, November 2). *Mobile technologies in emergency care*. [YouTube video]. Invited speaker presentation at TEC Vancouver 2019 Technologies in Emergency Care Conference, 2 November 2019, Vancouver, BC, Canada. <https://youtu.be/WoaJUoA7uQ4>
- Power, R. (2018, November 14). *Future directions for IAmLearn and mobile learning: A call to action*. Keynote presentation at the 17<sup>th</sup> World Conference on Mobile and Contextual Learning (mLearn 2018), 10-14 November 2018, Chicago, IL, USA.
- Power, R. (2018, November 10). *treasARmap*. Workshop presentation at the 17<sup>th</sup> World Conference on Mobile and Contextual Learning (mLearn 2018), 10-14 November 2018, Chicago, IL, USA.
- Power, R. (2018, May 16). *Making mobile learning work for educators and students*. Opening keynote address at Mobile Summit 2018, 16-17 May 2018, Scarborough, ON, Canada.
- Power, R. (2018, May 16). *treasARhunt*. Workshop session at Mobile Summit 2018, 16-17 May 2018, Scarborough, ON, Canada.
- Power, R. (2018, February 14). *Emerging possibilities: Exploring innovations in healthcare education & training*. Presentation at Educator Network Day 2018, 14 February 2018, Surrey, BC, Canada.
- Power, R. (2016, August 5). *mHealth: Mobile learning for health care educators and students*. Presentation for the University of North Texas SPH Online Learning Retreat, 5 August 2016.

- Power, R. (2016). *Teaching & Learning with Mobile Technologies Summer 2016 Vodcast Series*. [Video playlist]. <https://www.youtube.com/playlist?list=PLI8QfsveW2ZwG0j3q4inWF0hBowA67ep>
- Power, R. (2016, February 10). *Exploring mHealth and mLearning*. Presentation at Educator Network Day 2016, 10 February 2016, Surrey, BC, Canada. <https://youtu.be/LoKargU88PY>
- Power, R., Cristol, D., Gimbert, B., Bartoletti, R., & Kilgore, W. (2015, October 23). *Assessing teacher self-efficacy in mLearning professional development*. Paper presentation at the 14<sup>th</sup> World Conference on Mobile and Contextual Learning (mLearn 2015), 17-24 October, 2015, Venice, Italy.
- Power, R., Ally, M., & Cristol, D. (2015, October 18). *Cooking to go: Creating an open-access, interactive mobile pedagogy "cookbook."* Workshop presentation at the 14<sup>th</sup> World Conference on Mobile and Contextual Learning (mLearn 2015), 17-24 October, 2015, Venice, Italy.
- Power, R. (2015, October 12). *Instructional design and mobile technologies*. Workshop presentation for the Doha eLearning Developers Guild.
- Power, R. (2015, May 22). *Instructional design for mobile learning*. Webinar presentation for Instructional Design for Mobile Learning. <https://youtu.be/RdDg0Fs-3No>
- Power, R. (2015). *mLearning research: Moving forward*. Guest lecture presentation for Teaching and Research with Mobile Learning, University of Western Australia. <https://youtu.be/goQ6MnrjKSQ>
- Power, R., & Koole, M. (2015, April 22). *Apps for learning English (App-LE): How mobile learning can enhance teaching and learning in ESL*. Webinar presentation for TESL Ontario. [https://tutela.ca/EventsGroup?organicgroup=8594&cat=518&defaultcat\[437\]=518](https://tutela.ca/EventsGroup?organicgroup=8594&cat=518&defaultcat[437]=518)
- Power, R., Cristol, D., & Gimbert, B. (2014, November). *Using free tools and a pedagogical framework to promote teacher efficacy with mLearning*. Workshop presentation at the 13<sup>th</sup> World Conference on Mobile and Contextual Learning (mLearn 2014), 3-5 November, 2014, Istanbul, Turkey. <http://iamlearn.net/workshop-5-using-free-tools-and-a-pedagogical-framework-to-promote-teacher-efficacy-with-mlearning/>
- Power, R. (2014, May). *Framing instructional design for collaborative RLOs with the CSAM framework*. Presentation at the Advanced Distributed Learning Group's 2014 Interagency Mobile Learning Webinar Series, 20-22 May, 2014. <http://www.adlnet.gov/interagency-mobile-learning-webinar-series-2014/schedule/>
- Power, R. (2014, April). *Future trends in mobile learning*. Guest lecture presentation for A World of Mobile Learning 2014, University of Western Australia, April 2014. <http://youtu.be/ZySfdhuGerE>
- Power, R. (2013, November). *Create your own mobile RLOs... and get your students doing it too!* Workshop presentation at Teaching with Technology 2013, 26-28 November, 2013, Clarenville, Newfoundland, Canada.
- Power, R. (2013, September). *Creating mobile RLOs (reusable learning objects) using Collaborative Situated Active Mobile (CSAM) learning strategies*. Webinar presentation for participants in the University of British Columbia Master of Education program, Fall 2013.



Power, R. (2013, April). *Collaborative Situated Active Mobile (CSAM) learning strategies: A new perspective on effective mobile learning*. Presentation at the Mobile Learning: Gulf Perspectives Research Symposium, April 25, 2013, Abu Dhabi, United Arab Emirates.

Power, R. (2013, April). *Creating your own mobile reusable learning objects for situated active mLearning*. Workshop presentation at the Technology in Higher Education 2013 (THE2013) conference, April 16-17, 2013, Doha, Qatar.

Power, R. (2012, October). QR Cache: Linking mLearning theory to practice in Qatar. *Qatar Foundation Annual Research Forum Proceedings, 2012*(CSP31). DOI: 10.5339/qfarf.2012.CSP31. <http://www.qscience.com/doi/abs/10.5339/qfarf.2012.CSP31>

## GUEST LECTURER APPEARANCES

- 2015 Athabasca University  
Guest lecturer for EDDE 806: *Doctoral Research Seminar II*.
- 2015 Ohio State University  
Guest lecturer for EDUTL 5226.
- 2015 University of Western Australia  
Guest lecturer for *Teaching and Research with Mobile Technologies*.
- 2014 Athabasca University  
Guest lecturer for MDDE 623: *Introduction to Mobile Learning*.
- 2014 University of Western Australia  
Guest lecturer for the *A World of Mobile Learning* course.
- 2013 University of British Columbia  
Guest lecturer for the *Introduction to Educational Technology* course.

## OTHER PROFESSIONAL CERTIFICATIONS

### Accessibility

- **Accessibility for Ontarians with Disabilities Act (AODA) and the Accessible Instruction for Educators**, ONTECHU, June 2018.
- **Accessibility for Ontarians with Disabilities Act (AODA)**. Scouts Canada, October 2016.
- **Digital Accessibility: Enabling Participation in the Information Society**, University of Southampton and MOOCAP, February-March 2017, <https://www.futurelearn.com/certificates/77jhufp>
- **Document Accessibility training**: Certificate of Participation, Mada: Qatar Assistive Technology Center, 12-13 May, 2014.
- **UMLearn Accessible Training (Customer Service)**. University of Manitoba, September 2017.
- **Video Captioning training**. Certificate of Participation, Mada: Qatar Assistive Technology Center, 14 May, 2014.

- **Web and Mobile App Accessible Design and Usability training.** Certificate of Participation, Mada: Qatar Assistive Technology Center, 20-15 May, 2014.

### **Instructional Skills Workshop (ISW)**

- **Instructional Skills Workshop (ISW)** professional development program (40 hours), College of the North Atlantic—Qatar, 2012.
- **Facilitator Development Workshop (FDW)** professional development program for ISW facilitators (36 hours), University of the Fraser Valley, November 2018.

### **International Computer Driving License (ICDL)**

- ICDL Core Certification (GCC 060 077613)
- ICDL Certified Training Professional (GCC C06 0165)
- ICDL Authorized Tester (GCC T06 00015)
- ICDL Authorized Training Centre and Test Centre Coordinator (GCC T06 00015)

### **Management**

#### **Manager Development Pathway (Fraser Health)**

- September 2016 – June 2017.
- 10-month, cohort-based training program for new managers with the Fraser Health Authority, covering:
  - Introduction to Leadership
  - Managing Self in Role
  - Coach Approach to Leadership
  - Building Strong Teams
  - Change Leadership
  - Working with Conflict & Difference
  - Stress and Building Resiliency
  - Rank, Power and Authority
  - Ethical Leadership

#### **Other Management Related**

- **Improving Feedback**, Fraser Health, December 2016
- **Introduction to Mentoring**, Fraser Health, December 2015
- **Strengths Finder**, Fraser Health, 2017

### **Occupation Health and Safety**

- **Child and Youth Safety Training**, Scouts Canada, October 2016.
- **Environmental Health and Safety**, Mount Royal University, June 2018.
- **Health and Safety Orientation for Workers**, ONTECHU, June 2018.
- **Incident Investigation**, Fraser Health, May 2016.
- **Occupational Health and Safety for Managers**, Fraser Health, May 2016.
- **Provincial Violence Prevention Curriculum, 8-hour**, Province of British Columbia, May 2017.
- **Provincial Hand Hygiene (PICNet)**, Province of British Columbia, October 2015.
- **Respect in Sport**, Scouts Canada, August 2017.
- **Responding to Disclosures of Sexual Violence**, ONTECHU, March 2019.
- **Sexual Violence Education and Prevention Training**, ONTECHU, March 2019.
- **WHIMS 2015**, ONTECHU, June 2018.
- **Workplace Violence and Harassment Prevention**, ONTECHU, June 2018.

**Research Ethics:**

- **Graduate Research Integrity Program (GRIP)**, Memorial University of Newfoundland, St. John's, NL, Canada, 2003.
- **Tri-Council Policy Statement: Ethical Conduct for Research Involving Humans Course on Research Ethics** (TCPS 2: CORE), 14 January 2019.

**Other**

- **Scouting Fundamentals**, Scouts Canada, August 2017.
- **Wood Badge 1 for the Canadian Path**, Scouts Canada, July 2018.

**PROFESSIONAL MEMBERSHIPS**

- International Association for Blended Learning (IABL), 2021-present.
- International Association for Mobile Learning (IAmLearn), 2011-present.
- Member of the Advanced Distributed Learning group's Mobile Learning Instructional Design Framework Working Group, 2014-present.

**RESEARCH INTERESTS**

- The use of mobile devices for the dissemination of learning materials, increasing collaboration between learners and instructors, and the facilitation of situated learning strategies
- The use of information and communication technology to increase academic collaboration between educators and students
- The effective use of information and communication technology to enhance face-to-face, distributed, and blended learning.
- Digital literacy and digital identity.
- Digital accessibility for online, blended, mobile, and face-to-face teaching and learning.

**TEACHING INTERESTS**

- Effective pedagogical approaches for the integration of mobile learning strategies.
- Basic Information Communications Technology literacy skills.
- Use of information and communication technologies to enhance teaching and learning.
- Computer hardware and software applications maintenance and troubleshooting skills.
- Website development for personal or academic communication.
- Digital literacy and digital identity.
- Digital accessibility for online, blended, mobile, and face-to-face teaching and learning.

## REFERENCES

- Dr. Paula Hayden, Senior Technical Advisor (TVET), Colleges and Institutes Canada, phayden41@gmail.com
- Dr. Mohamed Ally, Professor, Center for Distance Education / Researcher, Technology Enhanced Knowledge Research Institute (TEKRI), Athabasca University, Athabasca, Alberta, Canada, 1-866-916-8650, mohameda@athabascau.ca
- Dr. Dean Cristol, Associate Professor, Department of Teaching and Learning, College of Education and Human Ecology, The Ohio State University, 419-995-9274 cristol.2@osu.edu
- Dr. Robin Kay, Interim Dean, Mitch and Leslie Frazer Faculty of Education, Ontario Tech University, robin.kay@ontariotechu.ca
- Professor John Traxler, Professor of Mobile Learning, University of Wolverhampton, Wolverhampton, United Kingdom, +01902-328591, john.traxler@wlv.ac.uk