

Raj Boora

raj@boora.ca

5503 Stevens Cres.
Edmonton, Alberta

Twitter: idarknight
Blog: blog.boora.ca

Education

Exploring	University of British Columbia Project Management Certificate
May 2001-Sept. 2003	University of Alberta MEd. Instructional Technology
1999-May 2001	University of Alberta BEd. Secondary Ed, Biology/Environmental Science
1995-1999	University of Lethbridge B.Sc. Biology

Research Interests

- Interface design
- Technology integration
- Adoption resistance
- Informal learning
- Mobile learning
- Risk taking
- Game based learning
- Social Media

Personal Interests

- Photography
- Distance Running
- Travel
- Volunteering

Recent Career Highlights

- LMS Evaluation (U of A)
- IT Strategic Plan (U of A)
- Exam Harmonization (AU)
- AWMP Digitization (AU)
- CAF Course Enhancements (AU)
- NGLC Reviewer

Recent Work Experience

August 2010 – Present

Learning Designer, Athabasca University:

Duties: Project manage teams of SMEs, artists and developers to complete enhancements for a selected group of showcase courses.

May 2010 – July 2010

Project Advisor, Office of the Vice Provost, Information Technology

Duties: Advise on projects as defined by the VPIT, including, but not limited to evaluating Learning Management Systems, assist in draft version of the new IT Strategic Plan.

December 2006 – April 2010

Senior Instructional Designer, Team Lead DigiTLE – U of A

Duties: Manage a small team of programmers to create and deliver learning objects ranging from documents to web based simulations. Identify and explore new opportunities for Science to take advantage of emerging technologies. Participate in committees and working groups as required.

September 2003 – December 2006

Technology Professional Development Facilitator – U of A

Duties: Develop and implement technology integration into Faculty of Education courses as well as collaborative and research projects.

January 2002 – May 2007

Sessional and Guest Lecturer – U of A

Duties: Teach graduate and undergraduate courses exploring the integration of technology into teaching and learning.

2003 – Present

Volunteer – Various International Communities of Practice (Program Committee or Editorial Board)

Duties: Peer review papers as assigned and provide feedback.
Sample organizations/publications: AACE (SITE, EdMedia, ELearn), LEAFA2010, International Journal of Cyber Ethics in Education), PLE/PLN ebook (Siemens, Downes eds), Handbook of Research on Hybrid Learning Models, NGLC (Next Generation Learning Center) reviewer.

2009 - 2010

**Volunteer, General Faculties Council – Academic Programming Committee
University of Alberta**

Duties: Represent Support Staff interests on items before committee.

2009 - Present

Volunteer Photographer – Various Groups

Duties: Document the events for the groups I am working with.

Academic Publications

- Montgomerie, T.C., Boora, N., Scott., S. (2001) Just Show Me. In Proceedings of the Fourth IASTED International Conference - Computers and Advanced Technology in Education, pp114-116, Calgary, ACTA Press.
- Boora, R. (2002) The New Paideia. In Proceedings of E-Learn 2002 – Association for the Advancement of Computing in Education, Proceedings of eLearn 2002 pp138-143, Norfolk.
- Boora, R., Montgomerie, T.C., Davis, A. (2003) Converting Synchronous Instruction for Asynchronous Delivery, Proceedings of EdMedia 2003 - Association for the Advancement of Computing in Education, pp. 167-170 Norfolk.
- Boora, R., (2003) Comfortable Computing – The Ergonomics of Technology Integration, Proceedings of eLearn 2003 pp398-401, - Association for the Advancement of Computing in Education, Norfolk.
- Davies, J., Carbonaro, M. & Boora, R. (2004). Technology in Teacher Education Becomes More Accessible and Natural: Implementation of a Wireless Mobile Computer Lab. In Proceedings of Society for Information Technology and Teacher Education International Conference 2004 (pp. 2095-2100). Chesapeake, VA: AACE.
- T. C. Montgomerie, A. R. Davis & N. Boora (2004). Automatic Recording and Streaming of Synchronous Distance Education Classes. In Proceedings: PTC2004 New Times-New Strategies: ICT Rising from the Ashes. Honolulu, HI: Pacific Telecommunications Council
- Boora, R., (2004) Back to Basics: Hybrid Learning and Comfortable Computing, Proceedings of eLearn 2004 pp499-505, - Association for the Advancement of Computing in Education, Norfolk.
- Boora, R. (2005). Comfortable Computing. In S. Powers & K. Janz, *Ubiquitous and Pervasive Computing in Higher Education* (pp. 153-171). Terre Haute, Indiana: Curriculum Research and Development Center.
- Boora, R., Peacock, K., Davies, J., Carbonaro, M., Bainbridge, J., & Snart, F. (2005). Implementing a Synchronous Learning System in Distance Programs: Impressions from within a Faculty of Education. In Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2005 (pp. 546-559). Norfolk, VA: AACE.
- Peacock, K., Davies, J. & Boora, R. (2006). My Life as a Technology Professional Development Facilitator: The Challenges of Supporting Faculty Technology Integration. In Proceedings of Society for Information Technology and Teacher Education International Conference 2006 (pp. 1302-1307). Chesapeake, VA: AACE.
- De Gara, C. & Boora, R. (2006). Using Elluminate as a Simple Solution for Telehealth Initiatives for Continuing Medical Education. In T. Reeves & S. Yamashita (Eds.), *Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2006* (pp. 476-480). Chesapeake, VA: AACE.
- Boora, R., Conrad, D. & Spence-Campbell, S. (2006). Flattening the World from the Inside: Digital Storytelling with Incarcerated Youth. In T. Reeves & S. Yamashita (Eds.), *Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2006* (pp. 371-376). Chesapeake, VA: AACE.

Boora R., Church J., Madill H., Brown W., Chykerda M., (2009), Ramping up to Hybrid Teaching and Learning, In Fu Lee Wang, Joseph Fong, and Reggie Kwan (Eds.), Handbook of Research on Hybrid Learning Models: Advanced Tools, Technologies, and Application, Hershey, Pennsylvania, USA (In Press)

Academic Presentations

Just Show Me - Fourth IASTED International Conference - Computers and Advanced Technology in Education.

Discussing the philosophy behind *Technology Tools for Teaching and Learning (EDIT 202)*.

The New Paideia – E-Learn 2002 Montreal – AACE.

Proposing that a hybrid of online and face to face teaching is a way to get students interested once again in what is being taught in school.

Converting Synchronous Instruction for Asynchronous Delivery – Ed Media 2003 Hawaii – AACE.

Demonstrating an asynchronous video interface.

Comfortable Computing – The Ergonomics of Technology Integration – eLearn 2003 Phoenix – AACE.

Discussing what basic steps are needed to allow for a technology integration plan to be implemented.

Back to Basics: Hybrid Learning and Comfortable Computing – eLearn 2004 Washington DC – AACE.

Discussing ideas that can help ready online and tradition classrooms for the “Millennials”.

Implementing a Synchronous Learning System in Distance Programs: Impressions from within a Faculty of Education. – eLearn 2005 Vancouver BC – AACE

Discuss the use of Elluminate to aid alternative delivery distance ed programs in the faculty.

My Life as a Technology Professional Development Facilitator: The Challenges of Supporting Faculty Technology Integration. – *SITE 2006 Orlando* – AACE

(Paper Presentation) Discuss the challenges involved in being part of an increasingly vital unit in the Faculty of Education.

Mobile Technologies for Libraries. – *Trends Mini-Conference 2008 Edmonton* – NAHLA

(Invited Speaker) Describe the many mobile technologies that could be implemented by library staff and patrons, with particular attention to the health care discipline.

Mobile Technologies for Libraries. – *Imagine 2008 Red Deer* – AALT

(Invited Speaker) Describe the many mobile technologies that could be implemented by library staff and patrons.

The New Tools of Collaboration. – *Imagine 2008 Red Deer* – AALT

(Invited Speaker) Explore the use of various collaboration technologies for use in administrative and service related components of library work.

Web-Based Computer Simulations for Physics Laboratory – *Physics from the Ground Up AAPT 2008 Summer Meeting Edmonton* – AAPT

(Contributed Session) Outline the benefits of the virtualized lab environment as created by the DigiTLE/Physics team at the University of Alberta.

Baby Steps to Big Things in the Classroom – *Physics from the Ground Up AAPT 2008 Summer Meeting Edmonton* – AAPT

(Poster Session) Outline a framework to describe how an instructor could identify their current competencies and move on to integrate more technology into their classroom.