

CURRICULUM VITAE

DR ASHLEY TAN (PH.D.)



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Academic/Professional Qualifications:

Indiana University, Bloomington	2006	Ph.D. in Instructional Systems Technology
Arizona State University	2002	M.Ed. in Educational Technology
National Institute of Education	1996	PDGE (Secondary) with Distinction
National University of Singapore	1994	B.Sc. (Honours) Second Upper Class, Zoology
National University of Singapore	1993	B.Sc.

Professional Memberships:

American Educational Research Association	2004
Association for Educational Communications and Technology	2003

Summary of Working Experience:

1. Head Centre for e-Learning (NIE)	Jul 2010 to Jul 2014
2. Assistant Professor/Lecturer (NIE)	Aug 2006 to Jul 2010
3. Distance Education Instructor (Indiana University)	Aug 2005 to Aug 2006
4. Blended Learning Instructor (Arizona State University)	Nov 2000 to Aug 2002
5. Project Manager (Ednovation/NIE)	Dec 1999 to Jul 2000
6. Part-time Tutor (NIE)	1996, 1999 to 2000
7. Educator (Temasek Junior College)	Jul 1995 to Dec 1998
8. Infantry Officer and Instructor (SAF)	1988 to 1990, 1991

Awards:

1. Overseas Graduate Scholarship, NIE	2002-2006
2. Dean's List for Meritorious Performance, NIE	1993
3. Singapore Institute of Biology Book Prize for Best Student Performance in Biology subjects, NUS	1991-1992

A. TEACHING (NIE only)

Quality of Teaching

Student Feedback on Teaching (SFT) documents available by request.

Average score out of 100 over eight years (2006-2014): 95.6 (based on currently available data)

Range of Courses Taught

1. Core curriculum course for preservice teachers: ICT for Meaningful Learning for PDGE Sec and DipEd
2. Core curriculum course for preservice teachers: ICT for Engaged Learning for PDGE Pri and Sec, DipEd, and BA/BSc
3. Core curriculum course for preservice teachers: Teaching and Classroom Management for PGDE Sec
4. Core curriculum course for preservice teachers: Educational Psychology II for PGDE Sec
5. Masters course (MAIDT): Designing, Conducting, and Reporting Investigation (MID809)
6. Masters course (MAIDT): e-Learning Tools for Training (MID822)
7. Certificate in Higher Education (NTU): Technology-enhanced Instruction and Assessment in Higher Education
8. Inservice course for teachers: Information Technology (MLS118)
9. Inservice course for teachers: Planning, Articulating, Leading, and Sustaining Change with ICT (MLS125)
10. Flipped Classrooms for Middle Managers in Schools (MLS126)

Facilitator for three service learning groups (Jul 2006-Jun 2007; Jan 2007-Dec 2007, Aug 2009 to Jul 2010)

Supervision of pre-service teachers at Lianhua Primary, Teck Whye Primary, Greenridge Primary, Hong Kah Primary, Dazhong Primary, Yuhua Primary, Pioneer Primary (2006 to 2014)

Development work on teaching

Creation of summary documents, job aids and other online media; creation, administration and facilitation of group wikis

- <http://ict-course.pbworks.com>
- <http://nie-practicum.pbworks.com>
- <https://sites.google.com/site/edpsych2>
- <https://sites.google.com/site/mid822etools/>
- <http://gesl.pbworks.com>

Implementation of social learning system (Edmodo public feeds)

- http://www.edmodo.com/public/mid822/group_id/178460
- http://www.edmodo.com/public/mls118/group_id/178588
- https://edmodo.com/public/mls125/group_id/1213101
- https://edmodo.com/public/mls125-jan2013-/group_id/2339527
- https://edmodo.com/public/mls125-jul2013-/group_id/5523647

Online repository of ICT curriculum redesign, <http://nie-ict.pbworks.com>

Brainstorming, concept mapping, discussing with rich media, Prezi presentations, professional e-portfolio

- One example of brainstorming using LinoIt at <http://bit.ly/linoit>
- One example of concept mapping at <http://bit.ly/mm-cyberwellness>
- One example of rich media discussion in VoiceThread at <http://bit.ly/voicethread-gbl>
- Examples of Prezis at <http://ashleytan.wordpress.com/my-prezis/>
- Professional e-portfolio component at <http://ashleytan.wordpress.com>

Development of Technology-Enhanced Learning (TEs) for ICT for Meaningful Learning on:

1. Using wikis for collaborative writing and knowledge creation; examples in ICT textbook chapter and wiki links above
2. The educational affordances of 21st century learning environments (3D virtual worlds, COTF, etc.); example at <http://bit.ly/tel-secondlife>
3. Educational/serious gaming; example at <http://bit.ly/tel-edgaming>

Development of mobile apps for learning

- Involved in broad design of all CeL apps <http://www.cel.nie.edu.sg/apps.html>
- Lead designer in mVideo for flipped instruction (<http://www.cel.nie.edu.sg/mobilelearning-mvideo.html>) and mAPT for practicum (<http://www.cel.nie.edu.sg/mobilelearning-mapt.html>)

Other Documentation on Teaching

Planning & Designing Flexible Learning	SAFTI INTEC (13-17 Nov 2006)
Alternative Models for Instruction on ICT Integration in Teacher Education	LST, NIE (Mar/Apr 2007)
Pedagogies and Instructional Strategies for Mobile PCs (http://mobilepc.pbworks.com)	Nan Chiau Pri (25 Jun & 9 Jul 2007) Innova JC (online and 3 Aug 2007) Bendemeer Sec (1 Oct 2007)
Web 2.0-related talks and workshops (some listed at http://wiki-talk.pbworks.com)	LST, NIE (23 Feb 2007) MME, NIE (26 Feb 2007) Advanced Senior Teachers Programme (6 Jul 2007) NIE trainees and academic staff (20 Aug 2007) Crescent Girls School (13 Nov 2007) ICT Seminar for Principals and Superintendents (26 Mar 2008) NIE academic staff (2 Apr 2008) NIE academic staff (24 Sep 2008) Zhonghua Secondary (Nov/Dec 2008) Northland Secondary (Nov/Dec 2008)
Second Life workshops	ELL, NIE (20 Feb 2008) NIE academic staff (9 Apr 2008)
Google Edu Apps	LST, NIE (10 Feb 2010) Victoria Junior College (19 May 2010)
Game-based learning workshop	LST, NIE (03 Mar 2010)
Quality Assurance with ICT	Hanoi University of Science and Technology (2011)
Creative Commons	Lectures for OTE's e-Portfolio Initiative (Mar 2013, Oct 2012)
iPad iDeas	Nanyang Girls High School (2012)
SAF Specialist Diploma	NIEI (Oct/Nov 2012)
Video Game-based Learning	NIEI-Daegu Metropolitan Office of Education (Jul 2013)
Video Game-based Learning	NIEI-CLME (Jul 2013)
ICT Workshops	Air Force Training Command (Oct 2011, Nov 2012, Oct 2013)
Other examples	Refer to list at https://ashleytan.wordpress.com/consultancy/

B. RESEARCH

Research Activities & funding

Research Work:			
Title of Project and Duration	Brief Description (in one sentence)	Level of Involvement	Type of Grant and Amount
Pre-Service Teachers in a Ubiquitous Computing Environment: One-to-One Technology Enhanced Learning (Apr 2009 – Jun 2013)	Naturalistic and intervention-based study on how educators in NIE teach and learn in a one-laptop-to-one-person environment.	Co-PI	ERFP, \$241,886.67
How might Web 2.0 technologies transform pedagogy (the science and art of teaching)? Critical applications and examinations of the multimodal affordances of Web 2.0 technologies. (May 2007-Sep 2009)	Exploration of the educational affordances of Web 2.0 technologies in NIE and schools.	Principal investigator	NTU AcRF Tier 1, \$44,170

Publication Listing (by date)

Papers/chapters

Tan, A. (2011). Why write with wikis? In Ho, C. M. L., Anderson, K.T., & Leong, A. P. (Eds.), *Transforming Literacies and Language: Multimodality and Literacy in the New Media Age* (pp. 207-222). London: Continuum.

Chen, W., Lim, C., & Tan, A. (2011). From many-to-one to one-to-many: The evolution of ubiquitous computing in education. To be published in *Educational Technology* 2011 Jan issue.

Chen, W., Lim, C., & Tan, A. (2010). *Pre-service teachers' ICT experiences and competencies: New generation of teachers in digital age*. Paper to be presented at the 18th International Conference on Computers in Education.

Tan, A. (2010). Wikis. In C. S. Chai, Q. Wang (Eds.), *ICT for Meaningful Learning* (pp. 249-261). Singapore: Pearson.

Lee, C. B., Teo, T., Chai, C.S., Choy, D., Tan, A., & Seah, J. (2007). *Closing the gap: examining pre-service teachers' perceptions of an ICT based student-centred learning (SCL) curriculum*. Proceedings of the 2007 Australasian Society for Computers in Learning in Tertiary Education.

Hur, J. W., Tan, A., Brush, T., Saye, J., & Chen, L. (2005). Redesigning the Persistent Issues in History Network (PIHnet) online forum and journal to promote interaction and reflection. *Tech Trends*, 49(6), 63-68.

Tan, A. (2005). *Does blogging have a place in teacher education? Incorporating blogs and determining their effectiveness in PIHnet*. Paper presented at the annual conference of the Society for Information Technology and Teacher Education, Phoenix, AZ.

Tan, A. (2005). *Educational blogging: Much ado about something? (Or a review of blogging in education and a research agenda)*. Paper presented at the annual Instructional Systems Technology conference, Bloomington, IN.

del Valle, R. T., Pereira, M. T., Tan A., Frey, T., & Twal, R. (2004). *Electronic document analysis of technology integration requirements in curricula of NCATE accredited preservice teacher programs*. Paper presented at the annual conference of the American Educational Research Association, San Diego, CA.

Magazine articles

Tan, A. (2009, Oct). Are you cheating your students? *iknow*, 26-27.

Tan, A. (2009, July). Do you need a Second Life? *iknow*, 26-27.

Tan, A. (2009, May/June). Educational Web 2.0, *iknow*, 26-27.

Tan, A. (2009, Mar/April). Classroom version 2.0, *iknow*, 23-25.

Tan, A. (2009, Jan/Feb). The fun in future learning, *iknow*, 30-31.

Technical reports

1. Technical report for the Committee of Permanent Secretaries: *Web 2.0 in NIE: Definitions, Examples, Usage, and Future Directions* (14 Apr 07)
2. Technical report for the Educational Technology Division, Ministry of Education: *Web 2.0 Use at the National Institute of Education, Singapore* (27 Feb 08)
3. Technical report for DSM: *Electronic Social Learning Systems in Singapore: Now and in the Future* (03 Sep 10)

C. SERVICE

Other service to the NIE/University

1. NIE Website Revamp Working Committee (Oct 2013 to Jul 2014)
2. NIE MOOC Task Force (May 2013 to Jul 2014)
3. NTU Online Learning Task Force, Working Committee, Planning Committee (Mar 2013 to Jul 2014)
4. NIE Academy Task Force (Jan 2013 to Jul 2014)
5. LST professional development coordinator (Jan 2009 to Jun 2010)
6. Coordinator of the Media eXperientiaL Studio (Jul 2007 to Jan 2009)
7. LST e-Champion (Dec 2006 to Jul 2008)
8. Member of organising committee NIE-NTU Farming Ideas, Seeding Collaborations workshop (Aug 2008)
9. Member of Enhancing Teaching and Learning Through IDM Committee (Oct 2006)
10. Member of ICT curriculum redesign/review committee (Oct 2006)

Public Service, service to professional bodies/society/local industry

1. TEDxSingapore Brain Trust Member (2012 to present)
2. Founding member of #edsg (2012 to present)
3. eduLab Evaluation Committee Member (Jul 2011 to present)
4. Consultant and guest author i-Know magazine on topics of future learning and e-learning (2009)

Service as internal examiner for Masters/PhD thesis

1. Thesis by Siew Kok Wai: *An Exploratory Study of Blogging on the Development of Pupils' Narrative Writing Skills* (Feb 2008)
2. Thesis by Woon Sher Lin, Sheralyn: *Improving Visual Communication Skills Through the Use of Tablet PC* (Jul 2007)

Service as a reviewer

1. Journal of Computer-Mediated Communication
2. Educational Technology Research and Development
3. Computers and Education
4. Asia Pacific Journal of Education

Other documentation of service

1. Judge for Startup Weekend (Education) Singapore (7-9 Nov 2014)
2. Pro bono consultant on teaching and learning for ClassDojo (Oct 2014)
3. Pro bono consultant on mobile learning for Junyuan Secondary School (Apr 2014)
4. Pro bono consultant on future learning for IGGY Junior Commission (Mar 2014)
5. Pro bono consultant on e-learning for Knewton (Feb 2014)
6. Pro bono consultant on instructional design for Earth Observatory Singapore (Jan 2014)
7. Pro bono consultant on flipped learning, Sense College Mendaki (14 Dec 2013)
8. Pro bono keynote speaker at International Congress on eLearning, Philippines (6 Dec 2013)
9. Pro bono speaker/panelist at International Symposium on Technology-enhanced Learning, NUS (7 Oct 2013)
10. Pro bono consultant on Google Edu Apps and Strategies, Madrasah Aljunied (19 Apr 2013)
11. Pro bono keynote speaker at 10'CMT Conference (19 Sep 2012)
12. Pro bono keynote speaker at Google Apps for Education (GAPE), Jakarta, Indonesia (9 Aug 2012)
13. Pro bono consultant on iPad programme ACS, Barker Road (Aug 2010)
14. Pro bono consultant for workshop, Leveraging on mobile ICT to deliver contextualised N(T) Science Lessons, at the Singapore Science Centre (30 Jun 2010)
15. Volunteer for Singapore International Foundation to plan and conduct workshop for teacher educators in Bhutan on Educational Web 2.0, <http://wiki-talk.pbworks.com/bhutan> (20-26 Jun 2010)
16. Pro bono consultant on the integration of Web 2.0 and mobile technologies in Northland Secondary (2008) and Regent Secondary (2009)
17. Pro bono consultant on the design e-portfolios for alternative assessment at Ai Tong School (2007)

CV updated: 18 Nov 2014