

Curriculum Vitae



Dr Yvonne Toft

*Associate Professor in Human Factors & Systems Safety, School of Health, Medical & Applied Sciences
Chief Investigator/Research Group Leader: Human Factors in Engineering, Centre for Railway Engineering
Tertiary Education Division, CQUniversity, Australia
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Formal qualifications

- 2007 Professional Doctorate (Transdisciplinary Studies) *Human Factors/Engineering Design*, “Creating designs ‘fit’ for people: A transdisciplinary approach”, *Central Queensland University, Rockhampton, Qld*
- 2007 Graduate Certificate in Flexible Learning, *Central Queensland University, Qld*
- 2000 Master of Health Science, “The relationship between professional engineering education and ergonomics in Australasia”, *Queensland University of Technology, Brisbane, Qld*
- 1991 Graduate Diploma in Occupational Health & Safety, (specialisation – ergonomics / systems safety analysis), *Curtin University of Technology, Perth, WA*
- 1981 Registered Nurse, *Nurses Registration Board of Queensland, Qld*

Professional Association Memberships

Interaction Design Foundation (since 2014), Railway Technical Society of Australia (since 2009)
Safety Institute of Australia, Fellow, FSIA, Registered Safety Professional, RSP Aust (2005 - 2012)
International Network for Engineering Education and Research (since 2001)
Human Factors & Ergonomics Society of Australia, Member, MHFESA (2000 – 2008, 2014 - Present)
Australasian Association for Engineering Education (since 1998)
International Commission on Occupational Health, Appointed Member, MICOH (since 1996)

Employment in Related Positions

1992 to present Academic positions and roles

- Head of Department, Transport, Emergency & Safety Sciences: 2016 to 2019 (*from position inception*)
- Head of Programs, Transport and Safety Sciences: 2014 to 2016 (*from position inception*)
- Discipline Lead, OHS, Human Factors & Safety Science: 2011 to 2019 (*from position inception*)
- Chief Investigator/ Research Leader, Human Factors in Engineering, Centre for Railway Engineering: 2008 to present
- Associate Professor in Human Factors & Systems Safety: 2007 to present
- Deputy Dean, Learning & Teaching: 2013 (*from position inception to permanent DDLT Dec 31, 2013*)
- Dean, School of Health & Human Services: 2010 (*from position inception Jan 1, 2010 to permanent Dean Aug 31, 2010*)
- Assoc. Dean, Faculty of Sciences, Engineering & Health: 2009 (*to position end in restructure, Dec 31, 2009*)
- Head, College of Health & Human Services: 2009 (*to position end in restructure, Dec 31, 2009*)
- Head, Department of Health & Human Performance: 2007 – 2009
- Director, Undergraduate/Postgraduate OHS Programs: 1994 – 2006
- Program Coordinator, Professional Education Centre: 1992-1993
- CQUniversity, Rockhampton, Qld
- 2019 *Independent Human Factors Advisor: Nauru Airlines*
- 2011 *Health & Safety Manager, Avalon 2011: Australian International Airshow and Aerospace & Defence Exposition*
- 2000 - 2008 *Principal Consultant, Queensland Safety Solutions*
Accident & forensic analysis consultancy service to defence, transport, mining, manufacturing and construction industries
- 1986 - 1992 *Multiple OHS related positions (integrity of safety systems; accident investigation; pre/post procurement equipment/systems analysis; emergency response and occupational health services)*
BHP Minerals, Koolan Island, WA (Iron Ore Mine – now closed)
- 1984 - 1986 *Rehabilitation Unit Manager*
Rockhampton Base Hospital, Rockhampton, Qld
- 1981 - 1984 *Industrial Nurse & other health and safety related positions*
Various locations / industries - UK, Italy, Germany & Thailand

Learning & Teaching Awards

- Commendation – Distance Educator of the Year (AINV11002, AINV11001, AINV20009) – 2017, 2018, 2019
- 2016 Commendation – Educator of the Year 2016; Distance Educator of the Year 2016; On-Campus Educator of the Year 2016 (AINV11001)
- 2013 Commendation – Distance Educator of the Year 2013; On-Campus Educator of the Year 2013 (AINV11001)
- 2005 Excellence in Engineering Education Award, Curriculum Innovation, Australasian Association for Engineering Education, *A model for transdisciplinary teaching and learning*
- 2005 Best Web Quest Award, International Award for Best WebQuest, *A Quest for a safer and healthier workplace*
- 2005 CQUniversity Institutional Exemplar for good teaching practice
- 2003 Vice Chancellor’s Award for Teaching Excellence, CQUniversity, Australia
- 2002 Faculty Award for Teaching Excellence, James Goldston Faculty of Engineering & Physical Systems
- 2002 Highly Commended - Faculty Award for Teaching Excellence, Faculty of Arts, Health & Sciences

Professional Service & Governance

Recruitment & Management of largest transdisciplinary faculty of safety scientists in Australia & 2nd largest in world
Director, Academic Board, Global Listening Centre (2016 - present)
Safework Australia, Safe Design educational material development and workshops (2016 - present)
Professional Development Officer, Qld Branch, Human Factors & Ergonomic Society of Australia (2016)
Independent Human Factors Reviewer, Rail Industry Safety & Standards Board, Australian Network Rules & Procedures Workshops and Amendments (2012 – present)
Head (Foundational), SIA-Academy of University OHS Education and Research (2009 - 2011)
Chair, Scientific Committee, Education & Training in Occupational Health, International Commission on Occupational Health (Member, 2006 – 2019; Chair, 2009-2012)
President, OHS Educators' Chapter, Safety Institute of Australia (2006 – 2011)
Sub-committee: accreditation criteria and processes, International Ergonomics Association – EQUID Project (Ergonomics QUality In Design) (Member, 2005- 2008; Chair, from 2007)
National Executive Committee, Australasian Association for Engineering Education (2004 - 2008) Co-Editor, Australasian Journal for Engineering Education (2005 - 2010), National Awards Coordinator (2006-2008)
Member, Australian Standards Committee, SF-021 Human Factors (2006 – 2008)
Member, Human Factors Engineering Technical Advisory Panel, Human Factors in Engineering Professional Network, Institution of Electrical Engineers *IEE UK* (2004 - 2016)
Member, International Commission on Occupational Health – Scientific Committee on Work and Vision (1996 - 2016)
Multiple scientific review panels (journals), conference and scientific program committees, expert advisory panels
Member, multiple CQU committees e.g. Workplace Health & Safety committee, Education Committee of Academic Board, University Appeals Committee, University Promotions Committee, Chair: Transport, Emergency & Safety Sciences Course Committee
Staff in-service, Central Queensland schools – Virtues Project training (Emmaus College, St Brendan's College, St Ursula's College, Yeppoon State High School, Depot Hill State Primary School, Yeppoon State Primary School and Farnborough State Primary School)

Funded Research Grants & Contract Research

Project Leader, Leader Human Factors team, “Establishing Baseline RLX Incident Occurrence & Behaviours Using Video Data”, Feasibility study 2010 (\$20,000), full project funding 2011 (\$600,000+) CRC for Rail Innovation, (2010-2014)
Project Leader, Leader Engineering team, “New affordable level crossing protection systems for crossings in regional areas and occupational crossings in areas with high speed passenger trains”, Stage II, (\$354,800+), CRC for Rail Innovation (2011-2014)
Researcher, Leader Engineering team, “Pedestrian behaviour at level crossings”, (\$250k), CRC for Rail Innovation, (2011/12)
Researcher, “Track Worker Protection Technology” (\$104,000), CRC for Rail Innovation, (2011-2013)
Researcher, “On Train Experience”, CRC for Rail Innovation, CRC for Rail Innovation, (2010)
Project Leader, Population Research Grant Scheme, Population Research Laboratory (PRL) Queensland Social Survey Grant 2009, “Road user attitudes and perceptions related to rail level crossing safety and use in rural and urban environments”, \$15,000 (2009)
Deputy Project Leader, Leader - Human Factors team, CRC for Rail Innovation, (DZ6) “New affordable level crossing protection systems for crossings in regional areas and occupational crossings in areas with high speed passenger trains”, \$226,248 (2009-2010), Bridging project Stage I to Stage II, \$20,000 (2011).
Researcher, CRC for Rail Innovation, (R2107), “National Rail Safety Management Program” (2009-2011)
Project Leader, Leader - Train Control team, CRC for Rail Innovation, (N1) “Analytical tools for human factors evaluation of new in-cab and train control technologies”, \$420,000 (2008-2013)
Researcher, Queensland Health, Trauma Research Grant, “Development of Integrated Trauma Management System for Head Injury”, \$100,000 (2008-2011)
Project Leader, Australian Learning & Teaching Council – Disciplinary Scoping grant, “Safe Guarding Australians: Mapping the strengths, challenges and gaps toward sustainable improvements in learning outcomes from diverse models of OHS education.” \$99,567 (2008-2010)
Consultant, Australian Learning & Teaching Council, Development of a catalyst discussion paper (on Transdisciplinary learning) for the Australian Learning & Teaching Council website –keynote speaker at ALTC Leadership Forum (Hobart, March 2007)
Researcher, CRC for Integrated Engineering Asset Management (CIEAM) CQU Researcher in Strategic Human Dimensions of Integrated Asset Management, human factors/safety research team (\$35,000) -
(i) Researcher, (HD301), “Small pilot projects to deliver workshops to industry partners”;
(ii) Researcher, (HD202), “Support collation of course content/curricula of Australian Higher and Further Education and Training for professionals and para-professionals in engineering asset management”;
(iii) Project Leader, DVC discretionary funding joint project Ford Australia/Victorian Justice Dept.
Project Leader, National Occupational Health & Safety Commission (contract research \$40,000) – Research & Review “OHS for engineers, a resource for engineering education”
Project Leader, National Competitive Grant, Australian Occupational Health & Safety Trust (\$8255) To develop flexible learning package to facilitate engineers understanding people in system designs, *Creating designs 'fit' for people Learning Resource Centre*
Project leader, Consultancy with Government of Thailand - Ministry of Public Health, provision of cross cultural occupational health education for Thai occupational health physicians (\$68,000)
Project Leader, curriculum project (\$15000 grant from DEETYA funding) to develop a cooperative learning model for ergonomic / engineering students to collaborate in a web based virtual environment
Researcher, National Competitive Grant, ARC Small Grant – Moving the pedagogy: student and staff evaluations of the effectiveness of Problem Based Learning in an online environment (\$8237)
Project Leader, Contract Research, Rockhampton City Council, Analysis of Equipment Design & Supporting Systems – Task description recording and safety integration of heritage trades (\$25, 000)

Learning & Teaching & Curriculum Development

Curriculum development lead of Courses from inception to approval:

- Certificate IV Rail Safety Investigation (new from 2016) – First offering in Australia
- Safety Science Postgraduate Suite – Master of Safety Science (Major), Master of Advanced Safety Science Practice, Grad Dip OHS, Grad Dip Accident Investigation, Grad Certs specialisations– Fatigue Risk Management, Risk Engineering, Human Factors Engineering, Transport Safety Management, Emergency Services Safety, Accident Forensics, Air Safety Investigation, Road Safety Investigation, Rail Safety Investigation, Industrial Accident Investigation, Accident Phenomenology (restructured & consolidated PG suite new from 2015)
- Associate Degree in OHS (new from 2014)
- Bachelor of Accident Forensics (new from 2012, 5-year review) – Unique degree in the world
- Bachelor of Occupational Health & Safety (from 1996, including three major reviews & restructure and accreditation)
- Masters Accident Investigation (Specialisation) – (new from 2012, superseded 2015 by Safety Sciences PG suite)
- Masters of Rail Safety Management & Graduate Certificate Fatigue Risk Management (new from 2012, superseded 2015)
- Associate Degree in Workplace Health & Safety (Mining) (*on-site WIL program, AngloCoal*), from 2000, superseded 2014)
- Certificate in Occupational Health & Safety (embedded OHS major, multiple professional programs), from 2000 superseded 2015)
- Master of Occupational Health & Safety (original and renewed program from 1996, superseded from 2015)
- Graduate Diploma of Occupational Health & Safety (including three major reviews & restructure, from 1996, accreditation)

Curriculum development, coordination, author flexible packages/LMS and teaching in following Units:

- Real World Investigation (1st year BAF, 1ST year BOHS)
- Socio-technical systems (1st year BAF, 1st year BOHS)
- Safety & Accident Phenomenology (1st year GDOHS, GDAccInv, Master Safety Science – OHS & AI)
- Safety Science Thesis 1 & Safety Science Thesis 2 (final Master Safety Science & Master Advanced Safety Science Practice)
- Investigation Methods Practice (2nd year BAF), Crash Lab Project (capstone BAF, capstone MAI)
- Human Factors Investigation (2nd year Masters Accident Investigation, 3rd year Bachelor of Accident Forensics)
- Human Factors (1st year GDOHS) & Human Factors CQ26 (3rd year BOHS)
- Issues in Workplace Health & Safety (2nd year GDOHS)
- Applied Worksite Analysis (3rd year BOHS), Crash Lab Project (3rd year BAF and 2nd year GD AI)
- Mechanical System Design (3rd year BEngTech)
- Introduction to Health & Safety Risk Management (1st year BOHS, BExSc, BEnvHlth)
- Introductory OHS (2nd year BOHS, 1st year BAF, 1st year B Paramedical Sciences)
- Special Topics in Health (2nd year GDOHS)
- Law and Management of Occupational Health and Safety (1st year GDOHS) & Law and Management of Occupational Health and Safety CQ26 (2nd year BOHS)
- Occupational Health (3rd year BHlthSc & BN)
- Risk Management & Safety Technology CQ26 (2nd year BOHS) & Risk Management & Safety Technology (1st year GDOHS)
- Workplace Health & Safety Officer's Course (Provider No.154784)
- Rehabilitation Coordinator's Certificate Course (Registered Trainer No. 034/04-2000)

Teaching (internally) in the following Units:

- Engineering Skills I, Engineering Skills II (1st year BEng – all disciplines)
- Machine Element Design (2nd year BEng)
- Industrial Administration / Engineering Professional Practice (4th year BEng – all disciplines)
- Mechanical Systems (3rd year BEng)
- Physical Activity, Fitness & Health (1st year BOHS, BExSc)
- Control Systems Project (3rd year BEng)
- Foundations in Health & Human Performance (1st year BOHS, BExSc, BEnvHlth)
- Fundamentals in OHS practice (2nd year BOHS)

Professional Development, Certification & Training

Cert IV Training & Assess (*CQU Professional Devt. Centre*),
Workplace Health & Safety Officer (*WHS Qld*),
Cert. X-Ray Operator (*WA Health Dept*),
Hearing Conservation Officer (*WA Health Dept., Curtin University*),
Audiometric Officer (*WA Health Dept., Curtin University*),
Cert. Meyer Education Facilitator (*Nat Baha'i Study Centre*),
Advanced Methods in Accident Investigation (*Systems Safety Development Centre*),
Systems Engineering for Human Factors professionals, Human Error modelling, Concept Modelling, (*World Ergonomics Congress PD Workshops*),
Critical Foresight, Creating Futures, Working in the Knowledge Society, Net Solutions, Methodological modelling of futures, Soft Systems Analysis, Market Positioning, (*Central Queensland University doctoral workshops*)
Human Computer Interaction (*Stanford University*),

Networked Life & Design: Creation of Artefacts in Society (*University of Pennsylvania*),
User Experience of the Web (*Open 2 Study*)
Model Thinking (*University of Michigan*),
Signalling Engineering Course (*Rail Technical Society of Australia*),
Leadership for Success (*CQU*)
Human Factors for Aviation (*Cobham Air*),
Basic Aviation Risk System (*Flight Safety Foundation*),
Aircraft Accident Investigation. Aviation 101, Human Factors in Aviation, Airline Operations, Aircraft Maintenance, Repair & Overhaul (*Embry-Riddle Aeronautical University*),
Air Safety Investigation (*TU Delft*)
Rail Safety Investigators' course (*Rail Industry Safety & Standards Board*)
Nature of Learning & Teaching course (*CQUni*)
Multiple L&T/Research PD workshops (*CQUni*)

Research Higher Degree Supervision

Current: Principal Supervisor, (Mohan), P/T PhD candidate, Human Factors engineering in rail signalling
Current: Principal Supervisor, (Grimmett), PT/PhD candidate, Accident investigation and analysis in health care
Current: Co-Supervisor (Cikara), PT/PhD candidate, Investigation of Heavy Vehicle – Chain of Command
Current: Co-Supervisor, (Delaney), PT/ProfD candidate, Accident Analysis in vehicle movements
Current: Co-Supervisor, (Marshall), P/T PhD candidate, Risk Management in rock fishing
Current: Co-Supervisor, (Hutton), P/T PhD candidate, Validation of accident analysis tools
Current: Co-Supervisor, (Skegg), P/T PhD candidate, Use of FRAM in accident investigation and analysis

New: Principal Supervisor, (Dingle) – Preparation of EOI for PhD candidacy
New: Co-Supervisor, (McKie) – Preparation of EOI for PhD candidacy
New: Co-Supervisor, (Prentice) – Preparation of EOI for PhD candidacy

Current: Principal Supervisor, (McGowan) P/T MHIthSc candidate, High risk of "newness" to job
Current: Co-Supervisor, (Sommerville) F/T MEng candidate, Baseline video of RLX near misses

Current: Principal Supervisor, (Johnson), P/T MSafSc Coursework Master's Thesis
Current: Principal Supervisor, (Webb), P/T MSafSc Coursework Master's Thesis
Current: Principal Supervisor, (Denham), P/T MSafSc Coursework Master's Thesis
Current: Principal Supervisor, (Thompson), P/T MSafSc Coursework Master's Thesis
Current: Principal Supervisor, (Homann), P/T MSafSc Coursework Master's Thesis
Current: Co-Supervisor, (Langlois), P/T MSafSc Coursework Master's Thesis
Current: Co-Supervisor, (Kotru), P/T MSafSc Coursework Master's Thesis
Current: Co-Supervisor, (Mateyenga), P/T MSafSc Coursework Master's Thesis

Completed: Principal Supervisor, (Crawford) P/T PhD candidate, Analysis of new control room technology adoption & interoperability
Completed: Principal Supervisor, (Klockner), P/T PhD candidate, Human Factors in Rail Regulation: Modelling a Theory of Non-Linear Rail Accident and Incident Networks using the Contributing Factors Framework (PhD accepted as submitted with no changes)
Completed: Principal Supervisor, (Day), F/T PhD, Design-induced human and system error and design process in control rooms
Completed: Principal Supervisor, (Spiryagin), F/T MHIthSc, Socio-technical analysis of rail pedestrian crossings
Completed: Principal Supervisor (Thomsen), MHIthSc, Human factors design in affordable level crossings
Completed: Co-Supervisor, (Noorudheen), F/T MEng, Trackside worker protection – interoperability of new technology adoption
Completed: Co-Supervisor, (Gildersleeve), F/T MPhil, Level crossing technology (human factors) – cross institutional
Completed: Principal Supervisor, (Hutton), P/T MOHS Coursework Master's Thesis, Accident Analysis Tool Validation
Completed: Principal Supervisor, (Delaney) P/T MAdvSafSc Coursework Master's Thesis, Human Factors Analysis of Truck Driving
Completed: Co-Supervisor, (Doncaster), P/T MRSM Coursework Master's Thesis, Heritage Rail Safety: the burden of regulatory compliance
Completed: Principal Supervisor, (Davies) P/T MSafSc Coursework Master's Thesis, Fatigue Management in Rail Construction
Completed: Co-Supervisor, (Seigel), P/T MSafSc Coursework Master's Thesis, Investigation of Accidents in Oil & Gas Industries
Completed: Co-Supervisor, (Prentice), P/T MSafSc Coursework Master's Thesis, Investigation and Safety Improvements in Agriculture

Supervised student award recipients

Principal Supervisor PhD, Karen Klockner
CQU RHD student Award 2015, Highly Commended SIA Eric Wigglesworth Award, nomination Human Factors & Ergonomics Society of Australia award nomination (under review), nomination Rail Technical Society Australia Research Award (under review)

Principal Supervisor PhD, Elise Crawford
3-Minute Thesis Award winner CQU, 3-Minute Thesis Award winner Safety Institute of Australia, Human Factors & Ergonomics Society of Australia Best Paper Award

Principal Supervisor MEng, Mayya Spiryagin
Rail Technical Society Australia Research Award nomination

Supervision of interdisciplinary student design projects nominated for national and international design awards (includes students from BOHS, BEngTech, BExSc, BHRM and B EnvSc)
*Nicholas, A., O'Keefe, C. and Goody, K., Australian Design Awards 2003, LSDHP - Liquid Soap Dispenser for Handicapped People
Duncan, M., Connor, P. and Werry, S., Far East Asian Young Inventor's Awards 2002, Redesign of Fire Fighting Breathing Apparatus*

Publications List

A1 - BOOKS - SCHOLARLY RESEARCH MONOGRAPHS

1. **Toft, Y**, Capra, M, Moodie-Bain, D, Kift, R, Pryor, P, Eddington, I and Joubert, D 2010 Safeguarding Australians: Mapping the Strengths and Challenges Toward Sustainable Improvements in OHS Education Australian Learning & Teaching Council, Sydney, Australia, ISBN 1921856076, 9781921856075
2. Australian Safety & Compensation Council 2006 OHS for Engineers – A Resource for Engineering Education, 2nd Ed., Australian Safety & Compensation Council (Contribution as Contract Research and author which included a major review of why the previous edition of the book was not successful).

B1 - BOOK CHAPTERS

1. Klockner, K & **Toft, Y** 2016, *The missing links in System Safety Management*. In Arezes, P and de Carvalho, P, Ergonomics and Human Factors in Safety Management, CRC Press, Boca Raton
2. Wullems, C, **Toft, Y** & Dell, G 2013, *An innovative information gathering and data analysis platform for railway level crossing safety data*. In Dadashi, Nastaran, Scott, Anita, Wilson, John, & Mills, Ann (Eds.) Rail Human Factors: Supporting Reliability, Safety and Cost Reduction, Taylor & Francis, London.
3. **Toft, Y**, Dell, G, Klockner, K & Hutton, A 2012, *Models of Causation-Safety*. In HaSPA (Health and Safety Professionals Alliance), Core Body of Knowledge for Generalist OHS Professionals. Tullamarine, VIC. Safety Institute of Australia

C – JOURNAL ARTICLES

C1 Refereed article in a scholarly journal

1. McGowan, A, **Toft, Y**, Klockner, K, Kift, R, Dell, G, Dell, S, (under review), Data trending of New Employees' Accident and Injury Rates in Australia: A review of the literature Australian Journal of Health and Safety Research and Practice (submitted April 2018)
2. Doncaster, N, **Toft, Y**, Hutton, A (under review), 'Heritage Rail Safety: the burden of regulatory compliance?', Safety Science (post review, currently awaiting publication date)
3. Klockner, K, **Toft, Y** 2018, 'Railway accidents and incidents: Complex socio-technical system accident modelling comes of age, Safety Science, Safety Science 110(B):59-66, DOI: 10.1016/j.ssci.2017.11.022
4. Klockner, K, **Toft, Y** 2015, 'Accident modelling of railway safety occurrences: The Safety and Failure Event Network (SAFE-Net) Method', Procedia Manufacturing, vol. 3 pp. 1734 – 1741, <http://dx.doi.org/10.1016/j.promfg.2015.07.487>
5. C. Wullems, G. Dell, and **Y. Toft**, 2014 'Improving the railways understanding of accident causation through an integrated approach to human factors analysis and technical safety data recording', Advances in Human Aspects of Transportation: Part I, vol. 7, no. 1.
6. Klockner, K., & **Toft, Y**. 2014, 'Accident Modelling Using Social Network Analysis for Complex Socio-Technical Systems'. Conferences in Research and Practice in Information Technology (CRPIT), Vol. 156, Ed. Tony Cant.
7. Wullems, C, **Toft, Y**, Dell, G 2013, 'Improving level crossing safety through enhanced data recording and reporting', Journal of Rail and Rapid Transit, vol. 227, no. 5, pp. 554-559, <http://dx.doi.org/10.1177/0954409713502014>
8. Crawford, E, **Toft, Y** & Kift, R 2013, 'New Control Room Technologies: Human Factors Analytical Tools for Railway Safety', Journal of Rail and Rapid Transit, vol. 227, no. 5, pp. 529-538, <http://dx.doi.org/10.1177/0954409713501656>
9. Noorudheen, N, McClanachan, M, **Toft, Y** & Dell, G 2013, 'Keeping Track Workers safe: A Socio-Technical Analysis of Emerging Systems and Technology', Journal of Rail and Rapid Transit, vol. 227, no. 5, pp. 517-528, <http://dx.doi.org/10.1177/0954409713501654>
10. Day, R., **Toft, Y** & Kift, R 2011 'Error-proofing the design process to prevent design-induced errors in safety-critical situations', Ergonomics Australia – Special Edition, pp. 11-21.
11. Dell, G & **Toft, Y** 2011 'Editorial Article: The need for improved Investigation Education', Safety Science Monitor, vol.15/3, <http://ssmon.chb.kth.se/vol15/issue3/index.php>.

12. EGC Crawford, **Y Toft**, RL Kift, CJL Crawford 2010 *Entering the conceptual age: implications for control room operators and safety*, Applied Ergonomics, i.
13. **Toft, Y**, Howard, P. and Jorgensen, D 2003 'Human centred engineers – A model for interdisciplinary communication and professional practice', International Journal of Industrial Ergonomics, vol. 31/3, pp. 195-202. (Invited for submission by the Editor)
14. **Piccoli, B.** et al 2003 'A critical appraisal of current knowledge and future directions of ergophthalmology: consensus document of the ICOH Committee on 'Work and Vision', Ergonomics, vol. 41/4, pp. 348-406
15. **Toft, Y**, Howard, P. and Jorgensen, D. 2003 'Changing paradigms for professional engineering practice towards safe design an Australian perspective', Safety Science: Special Issue - Safe Design, vol. 41/2-3, pp. 263-276.

C3 Non refereed articles

1. Joubert, D. & **Toft, Y**, 2007 Challenges for OSH university courses, West Australian Journal of Occupational Safety and Health, http://www.ifap.asn.au/publications/documents/IFAP_Mar07.pdf, March 2007, pp. 4-5.
2. Howard, P and **Toft, Y**. 2003 The Coroner's Voice – a powerful weapon but it must hit the target!. *In Quest: The Journal of the Australasian Coroner's Society Inc.*, Victorian Justice Department, October 2003 (invited submission from the Editor)
3. **Toft, Y**. 2001 Safe design – What do engineers know and need to know about ergonomics? *Safety Institute of Australia News*, Editorial and Feature Article, v3, September 2001, pp. 10-17.

E – CONFERENCE PUBLICATIONS

E1 Full written paper – refereed

1. Crawford E., **Toft Y.**, Kift R.L., Dell G. 2018 Do End Users Really Have a Place in the Design Arena When Safe Design Is Critical?. In: Stanton N. (eds) *Advances in Human Aspects of Transportation*. AHFE 2017. *Advances in Intelligent Systems and Computing*, vol 597. pp 825-833, Springer, Cham, DOI10.1007/978-3-319-60441-1_79
2. C. Wullems, G. Dell, and **Y. Toft** 2014, "Improving the railway's understanding of accident causation through an integrated approach to human factors analysis and technical safety data recording," in *Proceedings of the 5th International Conference on Applied Human Factors and Ergonomics*.
3. Wullems, Christian, Dell, Geoff, & **Toft, Yvonne** 2014 Improving the railway's understanding of accident causation through an integrated approach to human factors analysis and technical safety data recording. In Stanton, Neville, Landry, Steve, Di Bucchianico, Giuseppe, & Vallicelli, Andrea (Eds.) *Advances in Human Aspects of Transportation : Part I*, AHFE Conference, Krakow, Poland
4. Crawford, E, **Toft, Y** & Kift, R 2014, 'Attending to technology adoption in railway control rooms to increase functional resilience', in D Harris (ed.), *Engineering Psychology and Cognitive Ergonomics: 11th International Conference, EPCE 2014*, held as part of HCI International 2014, Heraklion, Crete, Greece, June 22-27, 2014, proceedings, Springer, Switzerland, http://dx.doi.org/10.1007/978-3-319-07515-0_45, Volume: Lecture Notes in Artificial Intelligence 8532
5. Klockner, K & **Toft, Y** 2014, 'Accident modelling using social network analysis for complex socio-technical systems', paper presented to the Australian System Safety Conference, 28-30 May, 2014, Melbourne, Australia, <http://www.asssc.org/conf2014/default.htm>
6. C. Wullems, **Y. Toft** & G. Dell 2013 'An innovative information gathering and data analysis platform for railway level crossing safety data', 4th International Rail Human Factors Conference, DOI: 10.1201/b13827-11
7. Crawford, E, **Toft, Y**, Ryan, K 2013, 'Grass roots and tree tops: finding the balance in the technological jungle', Human Factors and Ergonomics Society of Australia Inc., Perth, Western Australia.
8. Crawford, E, **Toft, Y** & Kift, R 2013, Maintaining control within a socio-technical system: can it be done? Presented at *World Congress on Rail Research*, Sydney, November 2013
9. Spiriyagina, M, **Toft, Y** & Dell, G 2013, Improvement of safety management for pedestrian level crossings. Presented at *World Congress on Rail Research*, Sydney, November 2013

10. Day, R, **Toft, Y** & Kift, R 2013, Safe design of control systems for rail networks. Presented at *World Congress on Rail Research*, Sydney, November 2013
11. McClanachan, M, Noorudheen, N, Dell, G, & **Toft, Y** 2013, Socio-Technical Analysis of Technology to Improve Track Worker Safety. Presented at *World Congress on Rail Research*, Sydney, November 2013
12. Spiryagina, M, **Toft, Y**, Dell, G 2013, 'Improvement of safety management for pedestrian level crossings', CRC for Rail Innovation, Brisbane, Qld.
13. McClanachan, M, Noorudheen, N, Dell, G, **Toft, Y**, 2013, 'Socio-Technical Analysis of Technology to Improve Track Worker Safety', CRC for Rail Innovation, Brisbane, Qld.
14. Noorudheen, N, McClanachan, M & **Toft, Y** 2012, 'Track worker safety: investigating the contributing factors and technology solutions' in M. Dhanasekar, T. Constable, & D. Schonfeld (eds.) *Global Perspectives RTSA CORE 2012: Conference on Railway Engineering: Conference Proceedings*, 10th - 12th September, 2012, Brisbane, The Railway Technical Society of Australasia (RTSA), Canberra, Australia.
15. Day, R, **Toft, Y**, Kift, R, 2012, Design Error – The Hidden Challenge, solutions' in M. Dhanasekar, T. Constable, & D. Schonfeld (eds.) *Global Perspectives RTSA CORE 2012: Conference on Railway Engineering: Conference Proceedings*, 10th - 12th September, 2012, Brisbane, The Railway Technical Society of Australasia (RTSA), Canberra, Australia.
16. Day, R, **Toft, Y**, Kift, R, 2012, Design error – Human error or just bad luck, 48th Annual Conference of the Human Factors and Ergonomics Society of Australia, November, 2012, Canberra, Australia.
17. Day, R, **Toft, Y** & Kift, R 2011, 'Error-proofing the design process to prevent design-induced errors in safety-critical situations' in R Mitchell (ed.) *Synergy in Sydney: creating and maintaining partnerships: proceedings of the 47th Annual Conference of the Human Factors and Ergonomics Society of Australia, Inc.*, 7th - 9th November, 2011, Sydney, Australia.
18. Day, R, **Toft, Y** & Kift, R 2011, 'Minimising railway control room errors resulting from the interplay of design process errors and design-induced human errors' paper presented to the *3rd International Conference on Railway Engineering and Asia Pacific Rail Conference 2011*, 14th - 16th April, Hong Kong.
19. Crawford, E, **Toft, Y**, Kift, R & Crawford, C 2010, 'Entering the conceptual age: implications for control room operators and safety' in J Wood (ed) *ICOCO 2010 International control room design Conference: Conference Proceedings*. 25th - 26th October, Paris, France, The Institute of Ergonomics and Human Factors, Leicester, UK, pp. 238-245.
20. Day, R, **Toft, Y** & Kift, R 2010, 'Participative design strategies to minimise design-induced errors in new technologies for rail control rooms' in J Wood (ed) *ICOCO 2010 International Control room design Conference: Conference Proceedings*. 25th - 26th October, Paris, France, The Institute of Ergonomics and Human Factors, Leicester, UK pp. 284-289.
21. Day, R, **Toft, Y**, Kift, R, 2010 The PU(F)F Principle applied to Participative Design, Proceedings of the PDC2010 (Participative Design Conference), Sydney
22. Crawford, E, **Toft, Y** & Kift, R 2010, 'New technology adoption: risky business for the railways' in Burgess-Limerick, Robin (eds.) Editor, *Human Factors & Ergonomics Society of Australia Inc. 46th Annual Conference* 31st October - 3rd November, 2010, Human Factors & Ergonomics Society of Australia Inc., Sydney, pp. 105-114, http://www.ergonomics.org.au/downloads/HFESA_2010_Conf_Proceedings/HFESA2010proceedings-compressed.pdf. (Won the Ken Provins Award for best paper and presentation at the 2010 National conference of the HFESA)
23. Thomsen, W, **Toft, Y**, Howard, P & , 2010, 'Towards affordable safer level crossings: analysis of self reported driver behaviour at passive level crossings' in *CORE 2010 Conference on Railway Engineering : Rail - Rejuvenation and Renaissance. Conference Proceedings*, Wellington, New Zealand, 12-15 September, 2010, pp. 571-578.
24. Howard, P & **Toft, Y** 2009, 'Influencing student designers towards safe design: transdisciplinarity and the journey of the devox' in Llewellyn Mann and Roger Hadgraft (eds.) *2009 Research in Engineering Education Symposium*. Cairns, Qld, 20 - 23 July 2009. <http://rees2009.pbworks.com/Program-with-Papers> (viewed 17/5/10)
25. **Toft, Y** & Howard, P., 2009 Virtuous Reality - The Development Of Safe Design Through Transdisciplinary Teams, *Proceedings of the 116th Annual Conference & Exposition of the American Society for Engineering Education*. Austin, Texas, USA, 14-17 Jun 2009. ('A' ranked publication)
26. Howard, P & **Toft, Y** 2009, 'A view from the fringe – transdisciplinarity and the journey of the devox', paper presented to the *20th Annual Conference for the Australasian Association for Engineering Education: Engineering the Curriculum*, The University of Adelaide, Adelaide, 6-9 December, 2009, pp. 84-90.
27. **Toft, Y** & Howard, P., 2006 Nearly 700 years of learning yet we still make the same design errors: Slow learners or untapped resource? Invited presentation at the *International Ergonomics Association Congress*, Maastricht, The Netherlands, July 2006. (invited paper)

28. **Toft, Y** & Howard.P, 2006 Rethinking educational paradigms in a ploy to encourage engineers to create designs fit for people from original concept development Invited presentation at the *International Ergonomics Association Congress*, Maastricht, The Netherlands, July 2006. (invited paper)
29. **Toft, Y.** & Trott, D., 2006 Can team teaching provide a useful and effective vehicle for mentoring novice educators?, *17th Annual Conference of the Australasian Association for Engineering Education, Creativity, Challenge, Change – Partnerships in Engineering Education*, 10 – 13 December, 2006
30. **Toft, Y.**, Trott, D. & Keleher, P., 2006 Online Communities of Practice: Can 1st year students really establish a ‘feeling of belonging’ at distance or is this more ‘e’ hot air?, *17th Annual Conference of the Australasian Association for Engineering Education, Creativity, Challenge, Change – Partnerships in Engineering Education*, 10 – 13 December, 2006
31. Keleher, P. & **Toft, Y.**, 2006 Practitioner and Academia Partnerships: Establish Meaningful and Relevant Postgraduate Learning Experiences, *17th Annual Conference of the Australasian Association for Engineering Education, Creativity, Challenge, Change – Partnerships in Engineering Education*, 10 – 13 December, 2006
32. **Toft, Y.**, Keleher, P., March, T. & Aldred, S., 2006 Exploitation of the Web in a Quest to Rethink E-Learning, *IEE (Institution of Electrical Engineers) International Conference on Innovation, Good Practice and Research in Engineering Education 2006*, Liverpool, UK.
33. **Toft, Y.** & Keleher, P. 2006 Reflections From the Edge: Engineering Education Viewed Through a Different Lens, *IEE (Institution of Electrical Engineers) International Conference on Innovation, Good Practice and Research in Engineering Education 2006*, Liverpool, UK.
34. Howard P., Jorgensen D., Keleher P., **Toft Y.**, 2006, Engineering Role Models -Increasing Generation Y’s Participation, *Proceedings of the 34th European Society for Engineering Education (SEFI) Annual Conference "Engineering Education and Active Students"* Uppsala, Sweden, 28 June to 1 July 2006.
35. **Toft, Y.**, Howard.P, & Keleher. P. 2006 Educating The Educator To Develop Human Centred System Designs, *Proceedings of the 34th European Society for Engineering Education (SEFI) Annual Conference "Engineering Education and Active Students"* Uppsala, Sweden, 28 June to 1 July 2006
36. Keleher.P, **Toft, Y.**, Joubert.D, & Howard.P (2006) Enhancing Student Learning Experience By Developing On-Line Delivery Skills for Industry Practitioner Lecturers, *Proceedings of the 34th European Society for Engineering Education (SEFI) Annual Conference "Engineering Education and Active Students"* Uppsala, Sweden, 28 June to 1 July 2006
37. Keleher, P., **Toft, Y.** & Howard, P. 2006 The Hard Sell on “Soft” Skills, *WACE (World Association for Cooperative Education) 2006 Asia Pacific Conference*, Shanghai, China, June 2006.
38. **Toft, Y.**, Keleher, P., Joubert, D. & Howard, P. 2006 Improving Work Integrated Learning at Post Graduate Level by Transferring Knowledge Between Disciplines and Domains, *WACE (World Association for Cooperative Education) 2006 Asia Pacific Conference*, Shanghai, China, June 2006.
39. **Toft, Y.** & Joubert D. 2005 'Transdisciplinarity' a new opportunity for team problem solving between, across and beyond the disciplines? - A Case study. *CybErg 2005, The Fourth International Cyberspace Conference*, at <http://cyberg.wits.ac.za/cb2005> (Finalist best scientific paper)
40. Howard, P. and **Toft, Y.** 2005 An information source for improving safe design decisions. Refereed paper presented in the *Proceedings of Sensors to the Boardroom, Institute of Instrumentation Control and Automation Australia Inc. Conference*, July 2005
41. Howard, P. and **Toft, Y.** 2004 A transdisciplinary approach to reducing workplace injuries through the use of coronial reports. Refereed Paper in the *Proceedings of Creating Flexible Learning Environments, 15th Annual Conference of the Australasian Association for Engineering Education*, 27 – 29 September, 2004, Toowoomba, Australia.
42. **Toft, Y.** and Howard, P. 2003 The Lions, the Which and the Wardrobe. *Discovery – 2003 Women in Research Conference*, Rockhampton, November 13-14 2003.
43. **Toft, Y.** and Arnold, T. 2001 Effecting Change Toward a Virtuous Reality: Using the language of the Virtues in Industrial, Health, Leisure and Educational Contexts to Enhance Life Skills. *Facing Change*. Proceedings of the Association Internationale des Ecoles Superieures d'Education Physique Conference, Rockhampton, September 2 - 5, 2000, pp.2.102 - 2.108.
44. **Toft, Y.**, Arnold, T. and Moxham, L. 2001 The Industrial Athlete. *Facing Change*. Proceedings of the Association Internationale des Ecoles Superieures d'Education Physique Conference, Rockhampton, September 2 - 5, 2000, pp.3.20 - 3.30.

45. Moxham, L., Arnold, T. and **Toft Y.** 2001 Physical Education and Mental Management: a Happy Marriage. *Facing Change*. Proceedings of the Association Internationale des Ecoles Superieures d'Education Physique Conference, Rockhampton, September 2 - 5, 2000, pp.2.53 - 2.58.
46. **Toft, Y.**, Jorgensen, D. and Moxham, L. 2001 An interdisciplinary, flexible learning, project based design module. Refereed paper presented at the *12th Annual Conference of the Australasian Association for Engineering Education, Towards Excellence in Engineering Education AaeE 2001*, 26 – 28 September, 2001
47. Howard, P., Jorgensen, D. and **Toft, Y.** 2001 Developing Multi-Disciplinary Teams at a Distance. Refereed paper presented at the *12th Annual Conference of the Australasian Association for Engineering Education, Towards Excellence in Engineering Education AaeE 2001*, 26 – 28 September, 2001
48. **Toft, Y.**, Howard, P. and Jorgensen, D. 2001 Socio-technical engineering design -interdisciplinary student teams design a rock climbing harness. Presented at Better integration: Bringing research and practice together, *37th Annual Conference of the Ergonomics Society of Australia*, 27 -30 November, 2001.
49. **Toft, Y.**, Howard, P. and Jorgensen, D. 2000 Toward a sustainable future – an alternate model for teaching undergraduate ergonomic and engineering courses. *Ergonomics for life: at work, home, and leisure, Proceedings of the Ergonomics Society of Australia Inc. 36th Annual Conference*, October 8 – 11 2000.
50. **Toft, Y.** and Howard, P. 2000 Engineering design is a fundamental consideration in “sustainability” – Where does ergonomics fit? *Ergonomics for life: at work, home, and leisure, Proceedings of the Ergonomics Society of Australia Inc. 36th Annual Conference*, October 8 – 11, 2000. Arnold, T., **Toft, Y.**, Moxham, L. and Plowman, B. 2000 Health and Lifestyle: Neglected Elements of Safety in the Heavy Vehicle Industry. Visions Conference 2000. *Proceedings of the 8th Annual Safety Institute of Australia Conference*, Gold Coast, August 30, 31 and September 1, 2000, pp.21 - 26.
51. **Toft, Y.** 2000 Safe design – What do engineers know and need to know about ergonomics? Visions Conference 2000. *Proceedings of the 8th Annual Safety Institute of Australia Conference*, Gold Coast, August 30, 31 and September 1, 2000, pp.207 - 217.
52. Moxham, L., **Toft, Y.** and Oosthuizen, J. 2000 Harnessing the beast - utilising the lifelong learning skills of mature age students. Refereed paper presented, *Life Long Learning Conference*, Yeppoon, Australia.
53. **Toft, Y.**, Howard, P. and Jorgensen, D. 1999 Holistic interdisciplinary communication and professional practice – towards the development of human centred, socio-technical engineering. Refereed Paper in the *Proceedings of Unfolding Landscapes in Engineering Education, 11th Annual Conference of the Australasian Association for Engineering Education*, 22 – 29 September, 1999, Adelaide, Australia.
54. **Toft, Y.**, Jorgensen, D. and Howard, P. 1999 Human centred engineers – A model for holistic interdisciplinary communication and professional practice. In L. Straker and C. Pollock (Eds) *CD-Rom Proceedings of CybErg 1999: The Second International Cyberspace Conference on Ergonomics*, The International Ergonomics Press, Perth. (Finalist best scientific paper)
55. **Toft, Y.** 1997 Equity in education – The challenge of granting RPL entry to post graduate OHS programs. Refereed Paper published in the *CD-ROM Conference Proceedings of Productivity, Ergonomics & Safety – The total package, International Workplace Health & Safety Forum and 33rd Ergonomics Society of Australia Conference*, 24 –27 November, 1997, Gold Coast, Australia.
56. **Toft, Y.** 1996 International study tours – are they a viable option. In J. Rudge (Ed.), *Proceedings of the Second Conference of the Australia and New Zealand Association of Occupational Health & Safety Educators*, Techpress, Findon, South Australia.
57. **Toft, Y.** 1995 Industrial drivers – can they see?. In I. Eddington (Ed.), *Towards Health and Safety – Technical papers of the Asia Pacific Conference on Occupational Health and Safety*, USQ Press., Toowoomba, Australia.

E2 Full written paper – non refereed

1. Joubert, D. & **Toft, Y.**, 2006 Creating a new generation of OHS professionals, *Safety Institute of Australia Visions 2006 conference*, Yeppoon, Queensland, August/September 2006
2. Pillay, M., **Toft, Y.** & Trott, D. 2006 Exploring the nexus between asset integrity management in major hazard facilities and safety management in general practice, *Safety Institute of Australia Visions 2006 conference*, Yeppoon, Queensland, August/September 2006

3. Marsh, P., Stehlik, D., Moxham, L., Reaburn, P., Sturgess, P., **Toft, Y.** 2002 From Print To Pixel: Early Reflections On The Challenges Of Pedagogy. Paper presented at the Evolving e-Learning Conference of the Distance Education Association of New Zealand, April 10-12, 2002, Te Papa, Wellington N.Z.
4. Sturgess, P., Reaburn, P., **Toft, Y.**, Marsh, P., Stehlik, D., Moxham, L. 2002 Problem Based Learning online: making the technology work., Unpublished. paper presented to the WebCT2002 Asia Pacific Conference, Melbourne Australia 2002
5. Reaburn, P., Moxham, L., Stehlik, D., Sturgess, P., Marsh, P., **Toft, Y.** 2001 Moving the pedagogy: early student reflections of the effectiveness of problem-based learning in an on-line environment. Unpublished paper presented to the Third Asia-Pacific Conference on Problem Based Learning, Yeppoon, Australia 2001.
6. **Toft, Y.M.** and Howard, R.P., and Jorgensen, D.O. 2000 Using PBL to develop multi-disciplinary teams. Paper presented at the *2nd Asia-Pacific Conference on Problem-Based Learning, PBL: Educational innovation across disciplines*, Singapore. December, 4 – 7, <http://www.tp.edu.sg/pblconference/full/Toft%20Howard%20Jorgensen.pdf>
7. Jorgensen, D.O., Moxham, L.J. and **Toft, Y.M.** 2000 On campus to off campus, traditional to non traditional: The challenges, pitfalls and rewards. Paper presented at the *2nd Asia-Pacific Conference on Problem-Based Learning, PBL: Educational innovation across disciplines*, Singapore. December, 4 – 7.
8. Plowman, B., Arnold, T., **Toft, Y.** and Moxham, L. 2000 Shaping up to ship it out : An examination of heavy vehicle drivers' health and lifestyle. Paper presented at the *Road Safety Education, Policing and Research Conference*. Brisbane, Queensland. November, 26-28.
9. **Toft, Y.**, Howard, P., Jorgensen, D. and Moxham, L. 2000 Engineers are critical thinkers, lifelong learners and interdisciplinary team members – What's the key? Paper presented, *Life Long Learning Conference*, Yeppoon, Australia.
10. **Toft, Y.** 1998 Designing for human use - Workshop Report. In P. Howard, G. Swarbrick and A. Churches (Eds), *Conference Proceedings of Waves of Change, 10th Annual Conference of the Australasian Association for Engineering Education, Volume 2*, 28 – 30 September, 1998, Gladstone, Australia.
11. **Toft, Y.** 1996 International Study Tours: Are they are viable option, *2nd Conference of the Australia and New Zealand Association of Occupational Health & Safety Educators*, Sydney, 1996

OTHER

Keynote, Invited Papers and Panel presentations

1. **Toft, Y** 2018 Safety Through Efficient Training, *Next Generation of CRM Human Factors Training, Education & Practice!* 15th Asia Pacific Airline Training Summit (Invited Speaker)
2. **Toft, Y** 2017 SafeWork Australia (Safe Month) address to Queensland Health employees
3. **Toft, Y** 2017 Human Factors and Patient Safety Initiatives, *The Consumer Voice on Human Factors and Patient Safety Initiatives*, Safer Care Victoria, Victorian State Government, (Key note address)
4. **Toft, Y** 2017 Socio-technical Systems Safety in Health Care, *Rethinking healthcare to improve safety*, VMIA, Victorian State Government, (Invited Expert Presentation and Panel Member)
5. **Toft, Y** 2016 Jargon: The nemesis of good professional practice. *Safety Institute of Australia Visions Conference*. (Key note address)
6. **Toft, Y** 2016 Accidents are at epidemic proportions: a need for a transdisciplinary approach *Australasian Society for Air Safety Investigators conference* (Invited presentation)
7. **Toft Y** 2016 Human Factors in Rail Investigations, *National Rail Industry Derailment Forum* (Invited presentation)
8. **Toft Y** 2016 Root Cause Analysis, *Energex professional development workshop* (Multiple invited presentations)
9. **Toft Y** 2015 Socio-technical systems: Creating Designs Fit for People, *Safety Institute of Australia Visions Conference*, Gladstone (Invited presentation)
10. **Toft, Y** 2013 Human factors analytical tools. *CRC Rail Innovation Showcase – Junction 2013*, Adelaide (Invited speaker)
11. **Toft, Y** 2013 Futures Symposium, *Safety in Action*, Brisbane (Invited panel member)

12. **Toft, Y** 2012 What is accident forensics? *Probus Club*, Yeppoon (Guest speaker)
13. **Toft, Y** 2012 Socio-technical systems: creating designs 'fit' for people!, *Safety in Action*, Sydney (Invited speaker)
14. **Toft, Y** 2011 Evidence-based professional practice for optimal socio-technical systems safety, Expert Speaker Program, *SIA Professional Development program (Tasmania division)*.
15. **Toft, Y** 2011 Safety science research developments, *Safety in Action*, Melbourne (Invited presentation)
16. **Toft, Y** 2010 Future of OHS education. *National CSIRO Conference*, Newcastle (Keynote speaker)
17. **Toft, Y** 2008 Transdisciplinary futures for solving complex problems. *94th Indian Science Congress – Planet Earth* (Keynote speaker, Medical/Physiology scientists)
18. **Toft, Y** 2008 'To err is human' but what is the cost to sustainable economic, environmental and social futures? *94th Indian Science Congress – Planet Earth* (Invited public lecture to 1000+ audience)
19. **Toft, Y** 2007 An Inter and Transdisciplinary Learning and Teaching Case Study: Creating designs 'fit' for people, *Carrick Institute Discipline-Based Development Forum*, Hobart, 15-16th March, 2007 (Keynote speaker)
20. **Toft, Y** 2006 Nearly 700 years of learning, yet we still make the same design errors, *16th World Congress on Ergonomics, IEA2006, Maastricht, The Netherlands* – Invited panel presentation in the EQUID (Ergonomics Quality in Design) symposium, July 2006.
21. **Toft, Y** 2006 Rethinking educational paradigms in a ploy to encourage engineers to create designs "fit" for people from original concept development, *16th World Congress on Ergonomics, IEA2006, Maastricht, The Netherlands* – Invited panel presentation in the EQUID (Ergonomics Quality in Design) symposium, July 2006.
22. **Toft, Y** 2005 Tertiary OHS education requirements for coal industry, invited panel member for special symposium, *AusIMM Coal Operators Conference*, Brisbane, April 2005
23. **Toft, Y** and Howard, P. 2003 OHS Case Studies for Education of Engineers – A report on a NOHSC Project. *Safety in Action 2003*, Melbourne, April 8-10 2003.
24. **Toft, Y** 2002 'Transdisciplinarity' – Is this a new paradigm for professional practice in ergonomics? *Kongres Nasional XI Dan Seminar ILMIAH X111, Ikatan AHLI ILMU FAAL, Indonesia (IAFI), Dan Seminar Internasional Ergonomii (Konas IAFI 2002)*, Udayana University Press, Denpasar, October 15-17, 2002.
25. Arnold, T., **Toft, Y** and Moxham, L. 2002 Health and fitness as contributors to increased productivity and improved safety for truck drivers. *Kongres Nasional XI Dan Seminar ILMIAH X111, Ikatan AHLI ILMU FAAL, Indonesia (IAFI), Dan Seminar Internasional Ergonomii (Konas IAFI 2002)*, Udayana University Press, Denpasar, October 15-17, 2002.
26. **Toft, Y** 2000 Changing paradigms for professional practice towards a sustainable engineering future. Invited Speaker at the *Designing for Health and Safety National Stakeholder Forum*. National Occupational Health and Safety Commission, Sydney.
27. **Toft, Y** 1999 The relationship between professional engineering practice and ergonomics. *Queensland Workplace Health & Safety Research Network*, DETIR, Brisbane.

Major Creative Works

1. Madsen, W 2012 Showing and Growing Community Resilience in Theodore : community based participatory research project into community resilience in the wake of the 2010/11 floods project, Central Queensland University, Rockhampton, Qld., <http://hdl.cqu.edu.au/10018/923645> (with **Toft**, O'Mullan, Rockloff, Hopkinson, Bricknell, Dunk-Andrews, Rockloff)
2. **Toft, Y** (from 2011) *Creating designs 'fit' for people*. Scoop.it blog at <http://www.scoop.it/t/creating-designs-fit-for-people> which has attracted 10 K views (all topics have attracted 40.5 K views including MOOCs, social networking etc), this site generally receives more than 100 visitors per day and won the gold award (determined by usage and recommendations from peers) for highly recommended site in the category of 'design'.
3. **Toft, Y** (from 2011) *Accident Investigators' Daily*, Daily e-newspaper at <http://paper.li/MsMischiefmaker/1318230687> , to date over 1500 editions have been produced and tweeted (968 twitter followers).
4. **Toft, Y**, Capra, M, Moodie-Bain, D, Kift, R, Pryor, P, Eddington, I & Joubert, D 2010 *Safeguarding Australians: mapping the strengths, challenges and gaps toward sustainable improvements in learning outcomes from diverse models of OHS education*, Australian Learning and Teaching Council, NSW, (Research Report) <http://www.sia.org.au/sigs/education/education-projects/education-projects-safeguarding>
5. **Toft, Y** 2010 *Evaluation Report: Safeguarding Australians*, Australian Learning and Teaching Council, NSW (Request from ALTC for copy to be given to new project leaders as the exemplar for ALTC research evaluation reports)

6. **Toft, Y.** 2007 *Creating designs 'fit' for people: A transdisciplinary approach*, Doctoral Thesis (transdisciplinary submission with Prue Howard), Central Queensland University
7. **Toft, Y.** and Howard, P. 2005 *Creating designs 'fit' for people: Learning Resource Centre* at <http://peopledesign.cqu.edu.au> (an extensive public domain repository of learning activities for engineering educators to use with their students that will help them integrate 'human centred engineering' principles into their own programs and courses, across all engineering disciplines. It also includes a study guide for the educators themselves. Developed through a NCG OHS Trust Grant)
8. **Toft, Y.** 1999 *The relationship between professional engineering education and ergonomics*, Master of Health Science Thesis, School of Public Health, Queensland University of Technology

Other Conference Presentations / Posters / Workshops (with extended abstract)

1. **Toft, Y.** & Trott, D. 2006 Developing 'communities of practice' for OHS professionals – an educational perspective, *Safety Institute of Australia Visions 2006 conference*, Yeppoon, Queensland
2. **Toft, Y.** and Howard, P. 2005 Reconceptualising teamwork across disciplines, learning modes and problem solving paradigms, *Global Colloquium on Engineering Education*, Sydney, 26-29, 2005. See <http://www.gcee2005.com/postcardcollection.asp?submissionid=360&post=18720>
3. **Toft, Y.** and Howard, P. 2005 Educating the educator to create designs 'fit' for people, *Global Colloquium on Engineering Education*, Sydney, 26-29, 2005. See <http://www.gcee2005.com/postcardcollection.asp?submissionid=361&post=18772>
4. **Toft, Y.**, March, T. and Aldred, S. 2005 Exploitation of the web in a quest to rethink e-learning methodologies, *Global Colloquium on Engineering Education*, Sydney, 26-29, 2005. See <http://www.gcee2005.com/postcardcollection.asp?submissionid=359&post=18668>
5. **Toft, Y.** and Howard, P. 2003 OHS Case Studies for Education of Engineers -A report on a NOHSC Project. *Safety in Action 2003*, Melbourne, April 8-10 2003. (an invited paper)
6. Howard, P. and **Toft, Y.** 2002 OHS for Engineers Workshop, 13th Annual Conference of the Australasian Association for Engineering Education, *Leadership in Learning: Learning in Leadership of Engineering Education*, Canberra, 30 September to 2 October 2002.
7. **Toft, Y.**, Howard, J. and Jorgensen, D. 2001 Socio-technical engineering design – interdisciplinary student teams design a rock climbing harness. Poster presented at *Better integration: Bringing research and practice together, 37th Annual Conference of the Ergonomics Society of Australia*, 27 – 30 November, 2001