

Curriculum Vitae of Dr. Salaheddine Bendak

BSIE, GradDipEduc, MSIE, PhD, SMIISE, MLEA, MIOSH

ORCID: 0000-0003-2477-8194

Postal Address: PO Box 101 Moreland VIC 3058 Australia

Mobile Phone Numbers: +971 (0)55 225 9034 (UAE) or +61 (0)413 370 509 (Australia)

Email Addresses: sbendak@yahoo.com.au or sbendak@sharjah.ac.ae

July 2020

Tertiary Education

- April 2004: Graduate Certificate in the Global Burden of Injuries. Karolinska Institute, Stockholm, Sweden.
- July 2000 – November 2003: Graduate Diploma of Education (reclassified to Master of Education by the Department of Education-State of Victoria after graduation). Monash University, Gippsland, Australia.
- March 1992 – July 1998: PhD (Human Factors/Occupational Safety). La Trobe University, Melbourne, Australia.
- October 1988 - February 1990: MSc (Industrial Engineering). Middle East Technical University, Ankara, Turkey.
- October 1984 - June 1988: BSc (Industrial Engineering). Middle East Technical University.

Employment History

- **Professor/Coordinator of MSc in Engineering Management program**, Department of Industrial Engineering and Engineering Management, University of Sharjah, Sharjah, UAE.
June 2020 – Current
- **Associate Professor**, Department of Industrial Engineering and Engineering Management, University of Sharjah, Sharjah, UAE.
September 2010 – May 2020
- **Executive Safety Consultant**, Dallah Human Skills Development Co., Aljubail, Saudi Arabia.
August 2009 – July 2010
- **Associate Professor**, Department of Industrial Engineering, King Saud University, Riyadh, Saudi Arabia.
December 2008 – July 2009
- **Assistant Professor**, Department of Industrial Engineering, King Saud University
November 2000 – December 2008
- **Lecturer of Occupational Safety and Ergonomics**, Department of Applied & Environmental Sciences, RMIT University, Melbourne.
February 1999 – July 2000
- **Research Assistant**, Centre for Ergonomics and Human Factors, La Trobe University, Melbourne.
March 1992 - July 1997
- **Lecturer of Ergonomics and Occupational Safety**, Kangan Institute of TAFE, Melbourne.
February - June 1996

- **Researcher in Mines Safety**, BHP, Melbourne. February - August 1992
- **Lecturer**, Department of Manufacturing Systems Engineering, RMIT University, Melbourne. March - June 1992
- **Industrial Engineer**, Teba-Gunkol (manufacturer of white goods and ventilation systems), Izmir, Turkey. September 1989 - July 1991

Published Work

Published Peer-Reviewed Journal Papers

1. **Bendak, S.** and Rashid, H. (in press). Fatigue in aviation: a systematic review of the literature. *International Journal of Industrial Ergonomics* (publisher: Elsevier; impact factor: 1.429; H index: 64; Q2).
2. **Bendak, S.**, Shikhli, A.M. and Abdel-Razek, R.H. (2020). Organisational culture and innovation: an empirical relationship framework. *Cogent Business and Management* (publisher: Taylor and Francis; H index: 8; Q3), 7, 1-17.
3. **Bendak, S.**, Alali, A.K., Alali, N.M. and Alshehhi, M.M. (2019). Is the use of mobile phones while driving reaching alarming rates? A case study. *Transportation Letters: the International Journal of Transportation Research* (publisher: Taylor and Francis; impact factor: 1.500; H index: 18; Q2), 11(10), 535-541.
4. Al Hawarneh, A., **Bendak, S.** and Ghanem, F. (2019). Dynamic Facilities Planning Model for Large Scale Construction Projects. *Automation in Construction* (publisher: Elsevier; impact factor: 4.313; H index: 95; Q1), 92, 78-89.
5. **Bendak, S.** and Alhammadi, A. (2019). A novel fire risk evaluation framework for detached house designs. *Journal of Engineering, Design and Technology* (publisher: Emerald; H index: 17; Q2), 17(6), 1146-1160.
6. **Bendak, S.** and Alnaqbi, S.S. (2019). Rear Seat Belt Use in the United Arab Emirates. *Policy and Practice in Health and Safety* (publisher: Taylor and Francis; H index: 5; Q4). 17(1), 3-13.
7. **Bendak, S.** and Alsharif, F. (2019). Crossing violations at traffic intersections with red light cameras in Dubai: a prospective study. *Advances in Transportation Studies An International Journal* (publisher: Aracne Editrice; H index: 12; Q3), 47(3), 117-126.
8. **Bendak, S.** and Alkhaledi, K. (2017). Child restraint system use in the United Arab Emirates. *Transportation Research Part F: Traffic Psychology and Behaviour* (publisher: Elsevier; impact factor 2.360; H index 77; Q1), 51, 65-72.
9. Alkhaledi, K., Means, K.H., **Bendak, S.**, Arnold, A.M. and Jones, J. (2017). Evacuated Solar Tube Performance Enhancement Evaluation. *Journal of Engineering Research* (publisher: Kuwait University; H index: 7; Q2), 5(2), 207-222.
10. **Bendak, S.** and Attili, A. (2017). Consumers Attitude and Behavior Towards Domestic Waste Recycling in Developing Countries: A Case Study. *Advances in Recycling and Waste Management* (published by OMICS Group), 2 (2), 1-8 (doi:10.4172/2475-7675.1000124).

11. **Bendak, S.** (2015). Objective assessment of the effects of texting while driving: a simulator study. *International Journal of Injury Control and Safety Promotion* (Publisher: Taylor and Francis, impact factor: 0.870; H index: 32; Q2), 22(4), 387-392.
12. Bouras, A. and **Bendak, S.** (2014). Managing IT Projects in Public Companies: A Case Study. *Journal of Engineering, Project, and Production Management* (Publisher: Taiwanese Association of Engineering, Project, and Production Management), 4(2), 74-80.
13. **Bendak, S.**, Al-Saleh, K. and Al-Khalidi (2013). Ergonomic assessment of primary school furniture in United Arab Emirates. *Occupational Ergonomics* (publisher: IOS Press, The Netherlands; H index: 15; Q3), 11, 85-95.
14. **Bendak, S.** and Al-Saleh, K. (2013). Seat belt utilisation and awareness in UAE. *International Journal of Injury Control and Safety Promotion* (publisher: Taylor and Francis; impact factor: 0.870; H index: 32; Q2), 20, 342-348.
15. Al-Saleh, K. and **Bendak, S.** (2013). An Ergonomic Evaluation of Certain ATM Dimensions. *International Journal of Occupational Safety and Ergonomics* (publisher: Taylor and Francis; impact factor: 1.377; H index 28; Q2), 19 (3), 347-353.
16. Al-Saleh, K. and **Bendak, S.** (2012). Drivers Behaviour at roundabouts in Riyadh. *International Journal of Injury Control and Safety Promotion* (publisher: Taylor and Francis; impact factor: 0.870; H index: 32; Q2), 19, 19-25.
17. **Bendak, S.** (2011). An in-depth of red light crossing problem in Saudi Arabia. *Advances in Transportation Studies An International Journal* (publisher: Aracne Editrice; H Index: 12; Q3), 25, 67-74.
18. **Bendak, S.** (2010). Potential environmental and health benefits of nanotechnology. *Journal of Material Sciences and Engineering* (publisher: Omics Group), 4(1), 80-84.
19. **Bendak, S.** and Al-Saleh (2010). The role of roadside advertising signs in distracting drivers *International Journal of Industrial Ergonomics* (publisher: Elsevier; impact factor: 1.571; H index: 69; Q2), 40(3), 233-236.
20. Al-Shammari, N., **Bendak, S.** and Al-Gadhi, S. (2009). In-depth analysis of pedestrian crashes in Riyadh, *Traffic Injury Prevention* (publisher: Taylor and Francis; impact factor: 1.465; H index: 44; Q1), 10, 552-559.
21. **Bendak, S.** (2009). Safety implications of nanoparticles. *International Journal of Nanoparticles* (publisher: Inderscience, UK; H index: 12; Q4), 2, 375-381.
22. **Bendak, S.** (2008). Inappropriate tyre characteristics and high ambient temperature: a recipe for traffic accidents. *Advances in Transportation Studies An International Journal* (publisher: Aracne Editrice, Italy; H Index: 12; Q3), 16, 61-72.
23. **Bendak, S.** (2007). Compliance with seat belt enforcement law in Saudi Arabia. *International Journal of Injury Control and Safety Promotion* (publisher: Taylor and Francis; impact factor: 0.870; H index: 32; Q2), 14, 45-48.
24. **Bendak, S.** (2006). Evaluation of school safety in Riyadh. *International Journal of Injury Control and Safety Promotion* (publisher: Taylor and Francis; impact factor: 0.870; H index: 32; Q2), 13, 264-266.

25. **Bendak, S.** (2005). Seat belt utilisation in Saudi Arabia and its impact on road accident injuries. *Accident Analysis and Prevention* (publisher: Elsevier; impact factor: 3.058; H index: 125; Q1), 37, 367-371.
26. **Bendak, S.** (2003). 12-h workdays: current knowledge and future directions. *Work and Stress* (publisher: Taylor and Francis; impact factor: 2.683; H index: 85; Q1), 17, 321-336.
27. Macdonald, W.A. and **Bendak, S.** (2000). Effects of workload level and 8-versus 12-h workday duration on test battery performance. *International Journal of Industrial Ergonomics* (publisher: Elsevier; impact factor: 1.571; H index: 69; Q2), 26, 399-416.

Selected Conference Papers

1. **Bendak, S.** and Alsharif, F. (2019). Crossing violations at traffic intersections with red light cameras in Dubai (exhibition presentation). 26th World Road Congress. Abu Dhabi Department of Transport, Abu Dhabi, UAE.
2. **Bendak, S.**, Alnaqbi, M. and Kim, I. (2019). Assessing the Risk of Falling from Heights Among Indoor ELV Operators in Construction Sites. The Second International Conference on Industrial, Systems and Manufacturing Engineering, Amman, Jordan.
3. **Bendak, S.** (2019). Enhancing traffic safety through awareness programs: the Saudi perspective (keynote speech). Saudi Traffic Safety Conference, Dept. of Transportation, Ministry of Interior, Riyadh, KSA.
4. Al-Hawarneh, A., **Bendak, S.** and Ahmed, F.G. (2016). Multi Criteria Dynamic Construction Facilities Planning for Large Scale Projects in UAE. Proceedings of the UAE Graduate Studies Research Conference, United Arab Emirates University, Al-Ain, UAE.
5. **Bendak, S.** (2013). Effects of texting in foggy conditions on driving performance Road Safety & Simulation International Conference. University Roma Tre, Italy.
6. **Bendak, S.** (2012). Industrial engineering and social networking (keynote speech). Annual Convention & Conference of the Indian Institution of Industrial Engineering, IIIE, Bangalore, India.
7. Bendak, S. (2010). Stopping propensity at red lights in Saudi Arabia. In Proceedings of Traffic Safety in Four Continents Conference. VTI, Norkoping, Sweden.
8. **Bendak, S.** (2007). How safe are schools in Riyadh? In Al-Huzaimi, K. (ed.), Proceedings of the Seventh Saudi Engineering Conference. King Saud University, Riyadh, Kingdom of Saudi Arabia.
9. **Bendak, S.** (2004). *Effects of drivers' characteristics on their traffic safety awareness in relation to wearing seat belts.* In Hariga, M. (ed.), Proceedings of the Second International Industrial Engineering Conference (19-21 December). King Saud University, Riyadh, KSA.
10. **Bendak, S.** and Al-Ghamdi, A. (2002). *Seat belt utilisation and its impact on traffic safety in Saudi Arabia.* Proceedings of the 2nd Safety on Road Inter'l Conference. Univ. of Bahrain.
11. **Bendak, S.** and Macdonald, W.A. (1998). *Concurrent effects of work duration and workload level on workers' performance capacity.* Proceedings of the 1998 National Conference of the Ergonomics Society of Australia. Victorian Workcover Authority, Melbourne, Australia.
12. **Bendak, S.** and Macdonald, W.A. (1997). *Effects of workload level and eight versus twelve- hour workday duration on test battery performance.* Proceedings of the 13th International Ergonomics Congress. Finnish Institute of Occupational Health, Tampere, Finland.
13. Cilingir, C. and **Bendak, S.** (1991). *Visual fatigue in garment industry.* Proceedings of the Third Ergonomics Congress. MPM, Ankara, Turkey.

14. Cilingir, C. and **Bendak, S.** (1991). *Visual performance and fatigue of female workers in garment industry*. Proceedings of the 11th Int. Ergonomics Congress. Taylor and Francis, Paris, France.
15. Cilingir, C., Figlali, A. and **Bendak, S.** (1989). *Secondary task method in the assessment of mental workload*. Proceedings of the Second National Ergonomics Congress. MPM, Ankara, Turkey.

Reports

1. Centre for Ergonomics and Human Factors (1995). *Human factors assessment of army wet weather jackets*. La Trobe University, Melbourne, Australia.

Supervised Theses and Projects in MSc in Engineering Management Program

1. Quantifying and assessing plastic waste generation: A case study (ongoing).
2. Assessing disabled students' accessibility to public schools in Sharjah (ongoing).
3. Evaluating fire propagation rate in detached houses (ongoing).
4. Assessing mood among cement shift workers (ongoing).
5. Relationship between fatigue and performance deterioration among construction workers (ongoing).
6. Impact of OHSAS 18001/ISO 45000 Certification in the Construction Industry (Fall 2019-20).
7. Assessing Fall from Height Risk Among In-door ELV Workers in Construction Sites in Sharjah (Spring 2018-19).
8. Adherence to initial safety management plan in construction projects in Dubai (Spring 2018-19).
9. Determining factors that influence safety culture of employees in the public sector in Dubai and Kuwait (Fall 2018-19).
10. Organisational culture and innovation: a conceptual relationship and change framework (Spring 2017-18).
11. Assessing and Modelling Safety Culture in Telecommunication Industry (Fall 2017-18).
12. The effects of red light camera presence in reducing intersection collisions in Dubai (Spring 2017-18).
13. Emergency Communication Management: A Study of Early Warning System in UAE (Fall 2017-18).
14. Cue and occupant based factors to identify people's behavior in case of fire emergency (Fall 2017-18).
15. Development of a House Design Framework to Minimize Fire Risk (Spring 2016-17).
16. Dynamic Construction Facilities Planning Model for Large-scale Projects (Spring 2016-17).
17. Recycling Awareness and Practices in UAE (Spring 2015-16).
18. Reducing Residential Fire Risk in Dubai (Fall 2015-16).

Leadership Roles Held

- **Coordinator of MSc in Engineering Management** (September 2019 onwards with 140 enrolled master students), Department of Industrial Engineering and Engineering Management, University of Sharjah, Sharjah, UAE.

- **Head of Accreditation, Teaching and Learning Committees** (September 2010 onwards), Department of Industrial Engineering and Engineering Management, University of Sharjah.
- **Coordinator of Injuries Research Group**, (September 2019 onwards), Epidemiology Unit, University of Sharjah.
- **Coordinator of Workplace Health, Safety and Well-being Sustainability Circle and member of STARS certification group**, (September 2019 onwards), Sustainability Office, University of Sharjah.
- **Coordinator of Senior Design (Capstone) Projects** (September 2015 to January 2019 managing 80-130 students each semester), Department of Industrial Engineering and Engineering Management, University of Sharjah.
- **Vice-Chairman** (September 2016 to December 2017), Department of Industrial Engineering and Engineering Management, University of Sharjah.
- **Acting Chairman** (March to October 2014), Department of Industrial Engineering and Engineering Management, University of Sharjah, Sharjah, UAE.
- **Head of Accreditation Committee** (September 2007 to June 2009), Department of Industrial Engineering, King Saud University, Riyadh, Saudi Arabia.
- **Coordinator of Senior Design (Capstone) Projects** (September 2006 to June 2009 managing 70-100 students each semester), Department of Industrial Engineering, King Saud University.
- **Member of Academic Board** (February 1996 to November 1998), La Trobe University, Melbourne Australia.

Achievements

- Spearheaded two successful ABET program accreditation applications in KSA and UAE. The latter was given the best ABET Industrial Engineering Self Study Report Award of 2012. Spearheaded also four and was a committee member in three other successful accreditation applications in UAE.
- Received highest BSc student course and instructor evaluation rates in the College of Engineering-University of Sharjah in Fall 2013-14 and MSc rates in Fall 2014-15.
- Bendak and Al-Saleh (2010) was one of the ten most cited papers of the International Journal of Industrial Ergonomics in 2010.
- Coordinated developing a new M.Sc. degree in safety engineering at King Saud University (Riyadh) in 2009.
- Developed a new human factors/occupational safety stream within the master of industrial engineering program at King Saud University (Riyadh) in 2003.
- Developed and taught a new human factors subject within the BSc in Manufacturing Systems Engineering at RMIT University (Melbourne) in 1996
- Developed high computer skills in many computer software applications like SPSS, FDS, MS Office, MS Project, Visual Basic, etc.

- Involved in training of operators, technicians, engineers, managers and researchers in the fields of occupational safety, fire safety, traffic safety, SPSS, first aid, continuous development, mentoring, interpersonal skills, risk minimization, project management, data analysis and research skills in four countries (Australia, Saudi Arabia, Sweden, UAE and Turkey).
- Used modern industrial engineering techniques for minimizing occupational risk, troubleshooting, loss prevention, higher efficiency and quality improvement and better workplace integration, through improved work procedures and attitudes.
- Held a postgraduate scholarship from La Trobe University to study a PhD degree, The Hon. Jeff Kennet's (former Premier of the State of Victoria) Award in appreciation for efforts in advancing industrial engineering practices in Victoria and the Saudi Council of Engineers Award for own achievements in the engineering field.
- Developed high level communication and public speaking skills. Continuously scores high to very high in students' instructor evaluation reports.
- Holds an advanced Australian first aid certificate (level II; St Johns) and a current Australian, Lebanese and UAE driving licenses.

Affiliations

- April 1986 - Current: Senior Member, Institute of Industrial Engineers (USA).
- April 1991 - Current: Member, Lebanese Order for Engineers and Architects.
- September 2002 – June 2010: Member, Saudi Council of Engineers.
- July 2003 – December 2004: Associate Fellow, Australian College of Road Safety.
- January 1992 – December 2000: Member, The Ergonomics Society of Australia.
- August 1991 - September 1994: Member, Institution of Engineers, Australia.

Major Scientific Committee Membership

- September 2010 – current: Coordinator or member of the Accreditation, Teaching and Learning Committee, College of Engineering, University of Sharjah.
- April 2001 – July 2010: Founding member and Chairman, Saudi Chapter – Institute of Industrial Engineers.
- September 1994 – April 2001: Founding member, Executive Board member and lastly vice-president, Australian Chapter - Institute of Industrial Engineers.
- December 1992 - February 1996: Member, Academic Committee, La Trobe University.

SUCCESSFUL GRANT APPLICATIONS:

- Deanship of Graduate Studies and Scientific Research. University of Sharjah, Sharjah, UAE – 26,000 Emirati Dirhams (2013).
- Deanship of Graduate Studies and Scientific Research. University of Sharjah, Sharjah, UAE – 13,000 Emirati Dirhams (2011).
- College of Engineering Research Center Project Support Grant, King Saud University, Riyadh, KSA - 19,600 Saudi Riyals (2010).

- College of Engineering Research Center Project Support Grant, King Saud University, Riyadh, KSA - 17,000 Saudi Riyals (2008).
- King Abdulaziz City for Science and Technology Research Grant, Riyadh, KSA – 397,500 Saudi Riyals (2002; research project title: Speeding on Saudi Roads)
- College of Engineering Research Center Project Support Grant, King Saud University, Riyadh, KSA - 15,600 Saudi Riyals (2001).
- Faculty of Health Sciences Postgraduate Project Support Grant, La Trobe University, Melbourne, Australia - AU\$ 850 (1995).
- School of Human Biosciences, La Trobe University - AU\$ 1,000 (1994).
- Faculty of Health Sciences Research Grant, La Trobe University - AU\$ 7,000 (1993).
- Lincoln School of Health Sciences Postgraduate Project Support Grant, La Trobe University - AU\$ 1,000 (1993).
- National Productivity Center Research Grant, Ministry of Industry, Ankara, Turkey - US\$500 (1991).

Courses Capable of Teaching

1. Engineering Statistics & Design of Experiments (BSc and MSc levels)
2. Engineering Project Management (BSc and MSc levels)
3. Human Factors/Ergonomics (BSc and MSc levels)
4. Organisational Behaviour (BSc and MSc levels)
5. Safety Engineering Management (BSc and MSc levels)
6. Management for Engineers (BSc and MSc levels)
7. Quality Control (BSc and MSc levels)
8. Engineering Ethics and Leadership (BSc and MSc levels)
9. Work System Design (BSc and MSc levels)
10. Accident Investigation (MSc level)

Linguistic Skills

Language	Understanding	Speaking	Writing
English	5	5	5
Arabic	5	5	5
Turkish	5	5	5
Azeri	5	5	4
French	3	2	1
Greek	1	1	0

Research Interests

1. Transportation safety
2. Occupational safety
3. Applied ergonomics
4. Statistical applications in engineering
5. Project management

Other Personal Details

Primary sporting participation: Soccer, jogging and swimming.
Date of Birth: 16 August 1966.
Citizenship: Australia and Lebanon.