

Posture & Mobility Day of Shared Learning

Friday 27th January 2017
Dublin City University

Cost €50 (€15 student) (including membership & lunch!)

More Information www.ipmn.ie


► **Important:** Live Webcast [W] and Recording Download [D] availability indicated by a tick [✓]



	#	Schedule Summary (v02.08 - 26/01/2017)		W	D
09.20		Opening Address			
09.30	01	Orthopaedic Management - Case Study	Jacques Noel	?	?
10:00	02	Deep Brain Stimulation for Parkinson's Disease	Madeleine Lowery	✓	✗
10:30	03	Why Wheelchair Sport Is Important to Me	Stafford Lynn	✓	✓
10:50	04	Psychology and Enabling Technology	Deirdre Desmond	✓	✓
11:10		Coffee			
11:30	05	Understanding Pressure Ulcer Risk to Enhance Prevention Potential	Zena Moore	✓	✓
11:50	06	Shear Forces and Tissue Integrity - Pressure, Shear and Friction: Where Does the Damage Come From?	Barend ter Haar	✓	✓
12:10	07	The Regional Wheelchair Training OT for Northern Ireland: A Unique and Innovative Role	Emma Regan	✓	✓
12:30	08	The Twists and Turns of Life in a Wheelchair and Why You Should Expect More From Me	Jean Daly Lynn	✓	✓
12:50		Lunch			
14:00	09	Wheelchair Prescription in Paediatric Physical Disability, Using ISO Measures as Outcome Measures: a Case Study	Eva Sheehy Perera	✗	✗
14:20	10	Is Seating Enough? The Importance of the Lying Position	Chandra Panda	✓	✓
14:40	11	Hope	Paul Carroll	?	?
15:00	12	Developing Skills Training for Posture Management in a Rehabilitation Setting	Teresa Whyte & Catherine Cornall	✓	✗
15:20	13	Human Body Size for Universal Design	James Hubbard	✓	✓
15:40		Closing Address		✗	✗
15:50		IPMN AGM		✗	✗
16:45		Finish		-	-

🕒 # Schedule Detail (page 1/3) (v02.08 - 26/01/2017)			W	D
09.20		Opening Address		
09.30	01	Case Study in Orthopaedic Management <i>Jacques Noel (Orthopaedic Consultant, Our Lady's Children's Hospital Crumlin)</i>	?	?
10:00	02	Deep Brain Stimulation for Parkinson's Disease Madeleine's research focuses on using engineering to understand the human nervous system as it relates to movement, and to design therapies and technologies to improve impaired motor function. She leads an interdisciplinary research team in the area of neuromuscular systems and neural engineering. Her research interests include electromyography, bioelectromagnetics, control of artificial limbs, electrical stimulation, deep brain stimulation and neural control of movement. Deep brain stimulation (DBS) has emerged as safe and effective treatment for Parkinson's disease and other motor disorders. Despite its success, the mechanisms by which DBS works are not yet understood. There is a need to improve DBS to achieve better long-term stimulation across a wider patient population, limit side-effects, and extend battery life. This poses a challenge for both engineering and medicine. This talk will explore how computational modelling can provide a means to understand how DBS works and to develop improved stimulation protocols. <i>Madeleine Lowery (Professor, School of Electrical and Electronic Engineering, University College Dublin)</i>	✓	✗
10:30	03	Why Wheelchair Sport Is Important to Me Stafford Lynn is an expert on living as an active wheelchair user. He has been a wheelchair user for the last 18 years, and for 10 of those he has prescribed a range of makes and models of everyday chairs. He works for John Preston to provide mobility equipment to people living with a range of disabilities. Stafford is a keen wheelchair tennis and wheelchair basketball player. He has been Irish champion on a number of occasions, and has represented Ireland playing tennis a number of times around the world. <i>Stafford Lynn (Advocate & Athlete)</i>	✓	✓
10:50	04	Psychology and Enabling Technology Deirdre's research interests lie in health and rehabilitation psychology, with particular emphasis on amputation and prosthesis use. <i>Deirdre Desmond (Senior Lecturer, Dept of Psychology, Maynooth University; Codirector Dublin Psychoprosthetics Group)</i>	✓	✓
11:10		Coffee		

🕒	#	Schedule Detail (page 2/3) (v02.08 - 26/01/2017)	W	D
11:30	05	<p>Understanding Pressure Ulcer Risk to Enhance Prevention Potential</p> <p>Zena's area of research interest is Wound Healing & Tissue Repair and she is actively involved research, systematic reviews and National and International guideline development in this field. Zena has published over 150 articles and book chapters. Zena is a trustee of the European Pressure Ulcer Advisory Panel, a past president of the European Wound Management Association, an honorary professor, Lida Institute, Shanghai, China, a senior tutor at the University of Wales and a visiting lecturer at the Faculty of Health Sciences, Høgskolen i Buskerud, Drammen, Norway.</p> <p><i>Zena Moore (Professor of Nursing and Head of the School of Nursing & Midwifery, Royal College of Surgeons in Ireland)</i></p>	✓	✓
11:50	06	<p>Shear Forces and Tissue Integrity - Pressure, Shear and Friction: Where Does the Damage Come From?</p> <p>Dr Barend ter Haar is presenting part of the outcome of the work of the ISO standards wheelchair seating group that he has been part of since its inauguration in 1998. He provides education and training on seating related topics around the world based on his experience in helping to create these standards and from being involved with healthcare publishing, education, and product distribution all his working life. Shear strain is one of the potentially most damaging extrinsic factors that lead to tissue damage and so-called pressure ulcers. This presentation explains why, while also clarifying the differences between pressure, shear and friction. The majority of pressure ulcers are grade 1 or 2, affecting the epidermis and dermis, and arise from the extrinsic factors created by the support surface's interaction with the skin. The presentation considers properties of cushion and mattress covers which can reduce the risks of tissue damage.</p> <p><i>Barend ter Haar (BSc DPhil; Managing Director BES Rehab Ltd UK and Healthcare Innovations Australia; British Healthcare Trades Association Lifetime Achievements Award recipient)</i></p>	✓	✓
12:10	07	<p>The Regional Wheelchair Training OT for Northern Ireland: A Unique and Innovative Role</p> <p>In 2013, Emma Regan was appointed as the Regional Clinical Specialist OT for Wheelchair Training in Northern Ireland to devise, coordinate, and implement an annual wheelchair training programme for Occupational Therapists, wheelchair users and carers across Northern Ireland and also lead on research innovation projects related to wheelchair users. In this presentation Emma will outline her unique, innovative role and the impact it has made on the wheelchair service in Northern Ireland.</p> <p><i>Emma Regan (Clinical Specialist Occupational Therapist)</i></p>	✓	✓
12:30	08	<p>The Twists and Turns of Life in a Wheelchair and Why You Should Expect More From Me</p> <p>When Jean was seventeen years of age, she fell of her horse at an international competition which changed her life forever. From May 2nd 2004, she has been a wheelchair user, and negotiating a life very different from the one she had originally planned. Jean has a degree in Psychology and two Masters of Science. She works for the Cedar Foundation, on a European project called AIDE, to develop a multimodal system combined with novel interfaces, robotics and exoskeleton for people who live with complex neurological conditions. She also works on a project exploring the impact of technology on the lives of people living with dementia in supported living environments with Engage with Age and Ulster University.</p> <p><i>Jean Daly Lynn (Researcher & Advocate)</i></p>	✓	✓
12:50		Lunch		

		 #	Schedule Detail (page 3/3) (v02.08 - 26/01/2017)	W	D
14:00	09	Wheelchair Prescription in Paediatric Physical Disability, Using ISO Measures as Outcome Measures: a Case Study Eva is originally from Spain. She received an Honours Bachelor degree from UCC in Early Childhood Studies and Graduated from University Limerick from the OT masters programme in 2009. She has been working in Enable Ireland Children Services Cork since 2011 and at present works in the seating clinic and the assistive technology clinic. <i>Eva Sheehy Perera (Senior Occupational Therapist, Enable Ireland Children Services, Cork)</i>	x	x	
14:20	10	Is Seating Enough? The Importance of the Lying Position <i>Chandra Panda (Senior Physiotherapist, SeatTech, Enable Ireland, Sandymount)</i>	✓	✓	
14:40	11	Hope <i>Paul Carroll (Rehabilitation Consultant, National Rehabilitation Hospital; service in Royal Hospital Donnybrook and St Vincent's University Hospital)</i>	?	?	
15:00	12	Developing Skills Training for Posture Management in a Rehabilitation Setting <i>Teresa Whyte (CNM II) & Catherine Cornall (Physiotherapy Clinical Specialist) (Brain Injury Programme National Rehabilitation Hospital)</i>	✓	x	
15:20	13	Human Body Size for Universal Design James is a Senior Design Advisor for Products and Services at the National Disability Authority's Centre for Excellence in Universal Design. He manages research projects, develops design guidance, advises design policy and promotes Universal Design in education. Previously he worked over 20 years at university in the USA, teaching, consulting and supervising new product development with a focus on design, engineering and assistive technology. <i>James Hubbard (ATP, RET, Centre for Excellence in Universal Design at the National Disability Authority)</i>	✓	✓	
15:40		Closing Address	x	x	
15:50		IPMN AGM All are invited, and encouraged to participate.	x	x	
16:45		Finish	-	-	

Registration

To register to attend the IPMN Day of Shared Learning 2017, please visit www.ipmn.ie and follow the onscreen instructions regarding signing up or logging in and purchasing a ticket.

Register early to guarantee your place at this popular event! (Maximum capacity 200 people.)

Useful Information

Please see below for some important information relating to the venue and the format of the day.

- This year's venue is the School of Nursing in **DCU** (the same building as last year) in **Room HG 23**.
- When you come into DCU via the **Collins Avenue Extension entrance**, the entrance to the **School of Nursing** is *immediately* on your left.
- For the multi-storey **car park** you turn right at the roundabout, and it's on your right.
- See the **maps** below for more information, or visit www.dcu.ie/info/get_to.shtml.
- Once in the building, please sign in and we will direct you to the seminar room.
- If you need to register or pay at the door, please arrive early and bring exact amount (cash or cheque)

- **Parking** is provided, at a discounted rate of **€3** for the day.
- You take your ticket as normal upon entering the car park, and then exchange it for a reduced price ticket at the IPMN registration desk.

- **Lunch** (dinner) is provided, included in the ticket price.
- We will issue a voucher to attendees on the day.
- We will guide you across the campus to the restaurant, or check its location on the map below.

- The event will run from **09:00 – 16:45**.

- **Presentation slots** are **12 mins**, with **5 mins** for **questions**, and 3 mins for switchover between presenters. Please make every effort to adhere to these times (programme attached), by being in your place on time for the start of the day and following breaks, and by cooperating to keep Q&A sessions within the time.

- The IPMN **AGM** will take place after the presentations – agenda to follow.
- Please factor this into your travel plans.
- All attendees are encouraged to attend and to participate in discussing the development of IPMN.

- **CPD points** are available for Engineers Ireland members.

Please do not hesitate to contact us if you have any questions or queries (info@ipmn.ie).

Thanks again for supporting this important yearly event!

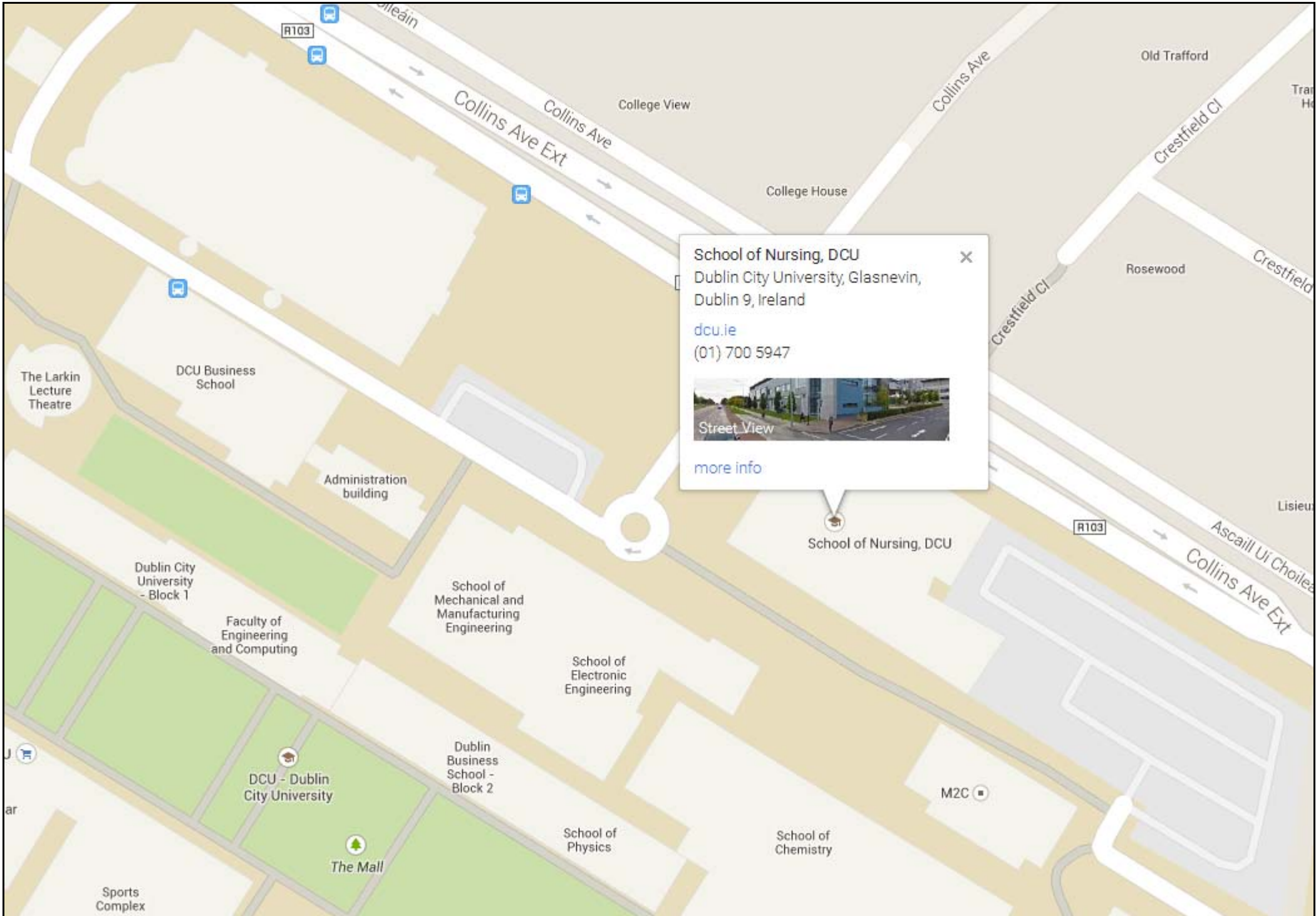
Kind regards

IPMN Committee



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|---------------------------------|------------------------------------|---|-----------------------------------|--------------------------|-----------|-------------|----------|
| U Accommodation | H Exwell Medical | M Interfaith Center | G NICB | PR Restaurant | Bus Stop | ATM | Bicycle |
| A Albert College | J Hamilton Building | Y John & Aileen O'Reilly Library | H Nursing | U Sports Club | Book Shop | Information | Football |
| D BEA Orpen | V2 Hampstead Residences | V1 Larkfield Residences | GA NRF | S Stokes Building | Barrier | Car Park | Café |
| W College Park Residence | H The Healthy Living Centre | T Larkin Lecture Theatre | P Pavillion | | | | |
| R Crèche | Z The Helix | X Lonsdale Buildings | VA Postgraduate Residences | | | | |
| Q DCU Business School | C Henry Grattan | N Marconi Building | VB Postgraduate Residences | | | | |
| E Estates Office | B Invent | F Multi-Storey Car Park | QA Reception (Mac Cormac) | | | | |



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Street View

[more info](#)

School of Nursing, DCU

