Professor Sarah A. Curran

BSc(Hons) PhD CSci FRCPodM FFPM RCPS(Glas) SFHEA

Curriculum Vitae

□ podexpertwitness@gmail.com
 □ Linked in Sarah Curran

@ProfSarahCurran

Experience

| 2018-present | Professor of Podiatric Medicine and Rehabilitation | Cardiff Metropolitan University |
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Professor in the area of Healthcare, School of Sport and Health Sciences. This role involves contributing with lectures, and tutorials to the undergraduate programmes. I also work within the musculoskeletal teaching clinics. Strategic direction and mentorship for learning, teaching, innovation and research — with the development of a Clinical Excellence Education Hub for the

Allied Health Programmes.

2016-present Honorary Professor in Podiatric Medicine National University of Ireland, Galway

Honorary Professor in Podiatric Medicine at the Discipline of Podiatric Medicine, School of Health Sciences, College of Medicine, Nursing and Health Sciences. Contribute with keynote lectures of sports medicine, injury and rehabilitation and support research agenda to the

undergraduates and post-graduates.

2014-2017 **Principal Lecturer and Clinical Manager** *Cardiff Metropolitan University*

Principal Lecturer in Podiatry and Clinical Manager in the Wales Centre for Podiatric Studies, Department of Healthcare and Food, Cardiff School of Sport and Health Sciences. This role

also involved discipline lead for podiatry.

2014-2018 **Reader in Podiatry** *Cardiff Metropolitan University*

Reader in the Wales Centre for Podiatric Studies, Department of Healthcare and Food, Cardiff

School of Sport and Health Sciences. This role involved Strategic Lead in Podiatry.

2010-present Clinical Academic Cardiff and Vale University Health Board

Honorary contract with Cardiff and Vale University Health Board which links with the clinical

partnership with Cardiff Metropolitan University.

2008-2015 **Consulting Podiatrist** *Cardiff Metropolitan University*

Musculoskeletal podiatrist offering private consultations and management to a wide range of

patients, from sports injuries, occupational related disorders and injuries.

2008-2014 **Senior Lecturer in Podiatry** *Cardiff Metropolitan University*

Reader in the Wales Centre for Podiatric Studies, Department of Healthcare and Food, Cardiff

School of Health Sciences.

2000-2002 **Musculoskeletal Podiatrist** Complete Health Clinic, Clevedon

Podiatrist based within a multi-disciplinary clinic (osteopathy, physiotherapy, podiatry).

2002-2008 **Lecturer in Podiatry** *Cardiff Metropolitan University*

Lecturer in the Wales Centre for Podiatric Studies, Department of Healthcare and Food, Cardiff

School of Sport and Health Sciences.

2001-2002 Research Assistant

University of Bristol

Research Assistant in the Department of Orthopaedic Surgery co-ordinating a national randomised controlled trial on knee arthroplasty (tibial components) for Stryker® and collation of data from international hip and knee arthroplasty survivorship studies.

2000-2002 Podiatrist

Walnut Grove Clinic, Portishead, Bristol

Podiatrist based within a multi-disciplinary clinic (osteopathy, physiotherapy, podiatry).

Education

2008 PhD Clinical Biomechanics

Cardiff School of Health Sciences, University of Wales Institute, Cardiff (University of Wales).

Thesis: An investigation of the clinical relationship between foot posture and patellofemoral alignment.

2005 Certificate in Podiatric (Medical) Acupuncture

Society of Chiropodists and Podiatrists, London.

2004 Postgraduate Certificate in Research Methods

Cardiff School of Health and Social Sciences, University of Wales Institute, Cardiff.

2000 **BSc(Hons) Podiatry**

Cardiff School of Health and Social Sciences, University of Wales Institute, Cardiff (University of Wales).

Professional Recognition

2017-present Senior Fellow, Higher Education Academy

Awarded Senior Fellowship of the Higher Education Academy (PR125874).

2014-present Chartered Scientist

Registered with the Science Council through the College of Podiatry, Society of Chiropodists and Podiatrists, London (POD/133/15576).

2012-present Fellow, Royal College of Physicians and Surgeons of Glasgow

Awarded a Founding Fellowship of the Faculty of Podiatric Medicine, Royal College of Physicians and Surgeons of Glasgow, a prestigious interdisciplinary and international college (89016).

2010-present Fellow, Royal College of Podiatry

Awarded a Fellowship of the Faculty of Podiatric Medicine of the Society of Chiropodists and Podiatrists, London.

2008-2017 Fellow, Higher Education Academy

Awarded Fellowship of the Higher Education Academy (35018).

2000-present Registered Podiatrist, Health and Care Professions Council

Registered with the Health and Care Professions Council (CH:14676) (regulatory body for podiatry).

2000-present Member, Royal College of Podiatry

Registered member of Royal College of Podiatry (professional body for podiatry) (15576).

Awards, Fellowships and Recognition

2020 Educator of the Year (UK and Ireland)

Awarded Educator of the Year (4 nations) by Tomorrow's Pods, nominated by students and shortlisted by a panel of members from industry, academia, clinical and student body.

2019 Nominated for Educator of the Year (UK and Ireland)

Nominated by students for Educator of the Year (4 nations) by Tomorrow's Pods.

2017 Orthopaedic Research Scholarship

Awarded a research scholarship from Cardiff Spire's Orthopaedic Consultant Fund to develop and disseminate orthopaedic research.

2017 Principal College Educator, Academy of Clinical Educators, Royal College of Physicians and Surgeons of Glasgow

Recognised as a Principal College Educator with the Academy of Clinical Educators based on academic experience, profile and contributions to the Education and Executive Boards of the Faculty of Podiatric Medicine, Royal College of Physicians and Surgeons of Glasgow.

2016 National Teaching Fellow, Higher Education Academy

Awarded a National Teaching Fellowship from the Higher Education Academy in recognition for excellence in practice and outstanding achievement in learning and teaching in higher education. Up to 55 awards of £5,000 are made across the UK for the recognition of excellence and this was a first for the discipline of podiatry.

2016 **21**st Century Star, 21stcentury.co.uk

Named as a 21st Century Star by a new UK-centric Science and Technology website promoting leading exponents of UK innovation and 'thought leadership'.

2013 Commendation, College of Podiatry, Annual National Conference, AAC Liverpool

Commended for innovation and creativity based on applied learning from a paper presenting Computed Tomography and three-dimensional printing of foot bones to create a foot jigsaw (learning and teaching).

2010/2012/ Nomination, Student-Led Fellowship, Cardiff Metropolitan University

2013/2014 Nominated for a Student-Led Fellowship Award. 2015/2023

2011 Best Poster, College of Podiatry, Annual National Conference, Harrogate

International Centre

Awarded best poster at the annual conference for work on footwear and the effects on physiological efficiency.

2007 Runner-up, Research Annual Poster Day, University of Wales Institute, Cardiff

Awarded second place for best poster presentation on a study relating to normative clinical patellofemoral alignment and foot posture profiles.

2003 Research Fellowship, Health Professions Wales

Awarded a research fellowship with the Health Professions Wales, a programme which supported personal and professional research development.

2002 Staff Award, University of Wales Institute, Cardiff

Awarded a staff award that was established to support academic staff undertaking doctoral research.

2000 Bessie Louise John Memorial Award, University of Wales Institute, Cardiff

Awarded for the best final year dissertation for the BSc(Hons) Podiatry programme.

2000 District Branch Award, University of Wales Institute, Cardiff

Awarded for the highest clinical marks achieved during the final professional clinical examinations for the BSc(Hons) Podiatry programme.

Learning and Teaching

BSc(Hons) Podiatry

- Level 4: Lower biomechanics, gait and posture, Interprofessional Learning –
 Dementia
- Level 5: Pathomechanics, neurology, rheumatology, research design.
- Level 6: Orthopaedics, rehabilitation, sports medicine. Dissertation supervisor for a selection of students.
- Personal tutor to a group of students at all levels of the programme.

BSc(Hons) Biomedical Sciences (Health, Exercise and Nutrition)

Level 6: Sports Medicine.

MSc Advanced Practice (Complex Lower Limb)

- Teach on Leadership and Management in Healthcare (ADP7107), Applied Research Methods and Design (SHS7104), Decision Making in Practice (ADP7105), Sports Biomechanics and Injury Management (ADP7123) and Science in Footwear (ADP7124).
- Module leader: Sports Biomechanics and Injury Management (ADP7123) and Science in Footwear (ADP7124MCH7006 (Work Based Learning 2: Musculoskeletal Therapeutics), MCH7013 (Science in Footwear).
- Personal tutor and dissertation supervisor.

Masters in Research (Health)

- Career Skills in Research module how to publish.
- Personal tutor and dissertation supervisor.

MSc Sport and Exercise Science

Biomechanics of the Injury Process

Post Graduate Certification in Higher Education (with FHEA status)

- How to publish action research (lecture)
- Teaching advisor

Academic Leadership and Membership (Selection)

| 2024-present | Programme Director: Masters in Research Programme and pastoral leadership to the Masters by Resea Health Sciences, co-ordinating pathways in Stroke, Biomedica Strength and Conditioning and Critical Social Sciences in Spor | al Sciences, Psychology, Health, |
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| 2024-present | Pathway Lead Masters in Research (Stroke) Provide academic and pastoral leadership to the Stroke pat Health Sciences Masters in Research programme. | Cardiff Metropolitan University hway of the School of Sport and |
| 2022-2024 | Programme Director: BSc(Hons) Podiatry Programme and pastoral leadership to the BSc(Hons) Podiatr | Cardiff Metropolitan University ry programme. |
| 2021-2023 | Pedagogic Research Group Member of the School of Sport and Health Sciences research and teaching, and related aspects of pedagogy to create an e the formation of a <i>Pedagogic Research Journal</i> (Editor) for He | vidence based. This also includes |
| 2021-2021 | School Research Committee Member of the School of Sport and Health Sciences ethics co | Cardiff Metropolitan University mmittee. |
| 2021-present | Chair for Doctoral Vivas Chair for PhD's and Professional Doctorates within the universe | Cardiff Metropolitan University rsity. |
| 2021-2022 | Employability Lead for Health Provide leadership to AHP programmes within the School of Sin Research programme. | Cardiff Metropolitan University port and Health Sciences Masters |
| 2020-2022 | Pathway Lead Masters in Research (Health) Provide academic and pastoral leadership to the Health pat Health Sciences Masters in Research programme. | Cardiff Metropolitan University hway of the School of Sport and |
| 2019-2021 | Academic Board Elected professoriate representative for Academic Board. | Cardiff Metropolitan University |
| 2017-present | Pathway Lead MSc Advance Practice Provide academic and pastoral leadership to the musculoske | Cardiff Metropolitan University letal studies pathway. |
| 2016-present | Member, Annual Programme Report Panel (Undergrade Academic Quality Standards Unit, Cardiff Metropolitan University Control of the Control of Co | - |
| 2014-2017 | Chair, Clinical Working Group – Healthcare Provide leadership focussing on health and safety to healthcall laboratory facilities within the School of Sport and Health Sci | |
| 2014-2016 | Programme Director: BSc(Hons) Podiatry Programme and pastoral leadership to the BSc(Hons) Podiatr | Cardiff Metropolitan University ry programme. |
| 2014-2018 | Discipline Lead: Podiatry Provide academic, clinical and strategic leadership to the Wa | Cardiff Metropolitan University les Centre for Podiatric Studies. |

| 2014-2018 | Chair, Clinical Education Group Chair for the Clinical Education Group, which provides to sh between Cardiff Metropolitan University and Cardiff and V podiatry clinical education and patient service. | |
|-----------|--|--|
| 2008-2017 | School Research and Enterprise Committee Member of the School of Sport and Health Sciences ethics co | Cardiff Metropolitan University mmittee. |
| 2010-2014 | Member, Clinical Implementation Education Group Member of the Clinical Implementation Education Group, v partnership between Cardiff Metropolitan University and Ca Board for podiatry clinical education and patient service. | which was set up to initiate the |
| 2008-2017 | School Research and Ethics Committee Member of the School of Sport and Health Sciences ethics co | Cardiff Metropolitan University mmittee. |
| 2003-2014 | Ethics Panel, Healthcare and Food Department Representative for podiatry for undergraduate and postgradu School of Health Sciences. | Cardiff Metropolitan University ate ethics applications within the |

External Examining (Selection)

| 2019-present | University of Malta External for the BSc(Hons) Podiatry programme. | Faculty of Health Sciences |
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| 2019-2023 | Salford University External for the BSc(Hons) Podiatry programme includin | School of Health Sciences g apprentice route. |
| 2017-2020 | Royal College of Physicians and Surgeons of Glasge Examiner for the Faculty of Podiatric Medicine for membership examinations. | |
| 2016-2020 | University of Teeside/Open University External for the BSc(Hons) Podiatry programme and College Durham). | Durham School of Podiatric Medicine Clinical Educators programme (New |
| 2015-2019 | Glasgow Caledonian University External for the BSc(Hons) Podiatry programme. | School of Health Sciences |
| 2011-2016 | National University of Ireland, Galway External for the BSc(Hons) Podiatry programme. | School of Health Sciences |
| 2009-2014 | Staffordshire University Examiner for the MSc Clinical Biomechanics and Clinical which involved a number of students undertaken continuous professional development. | |

Committees, Boards and Working Groups

2025-present Member, Awards Committee, Royal College of Podiatry

Member of National Awards Committee to represent Research, Development and Innovation, for the Royal College of Podiatry.

2023-present Member, Academic Quality Accreditation Committee, Royal College of Podiatry

Member of the Academic Quality Accreditation Committee reviewing BSc(Hons) Podiatry programmes/curriculum design including pre-registration and apprenticeship routes and post graduate courses.

2021-2024 Member, Technology Group, Royal College of Podiatry

Member of Technology Group representing education and research to discuss impact of technology on the profession and workforce involving the Topol review (2019) and Saks report (2021) to determine themes and recommendations for the profession, the College Council and Clinical Senate.

2025-present Chair, Judging Panel, Annual National Conference, Royal College of Podiatry

Lead judge for submitted abstracts for oral and poster presentations, and Jewel in the Crown Award for the National Annual Conference, Royal College of Podiatry.

2018-present Member, Clinical Senate, Royal College of Podiatry

Member of Clinical Senate to represent Research, Development and Innovation, and business related to the Chartered Scientist for the College of Podiatry.

2020-present Chair, Sub-Committee Chartered Scientist, Royal College of Podiatry

Chair of the Chartered Scientist committee leading on review processes, membership and working with the Science Council.

2018-present Chair, Research, Development and Innovation Committee, Royal College of Podiatry

Elected as Chair by the committee to lead the research innovation as well as the Chartered Scientist section for the College of Podiatry.

2018-present Member, Professoriate, Royal College of Podiatry

Member of the Royal College's professoriate which offers strategic insight in terms of leadership and contributions to the profession.

2016-2018 Member, Research, Development and Innovation Committee

Elected by the committee to the research innovation for the Royal College of Podiatry.

2018 (Feb) Sessional Chair, Going with the Flow – Improving Vascular Foot Outcomes, Faculty

of Podiatric Medicine, Royal College of Physicians and Surgeons in Glasgow

This one day conference is focussed on theoretical and practical skills and knowledge of vascular assessment from a contemporary perspective.

2017 (Nov) Sessional Chair, Making the Most of Medicines Conference, Faculty of Podiatric

Medicine, Royal College of Physicians and Surgeons in Glasgow

This one day conference focussed on building confidence and knowledge in prescribing and prescription only medicines.

2017-present Member, European Network of Podiatry in Higher Education

This network provides an organisational framework to unite podiatry educational institutions in Europe to create transparency and the recognition of competence, knowledge and skills sets within the discipline of podiatry.

2017-present Member, Expert Steering Group Committee, College of Podiatry

Invited to be part of a steering group to contribute to a report based on the value and breadth $% \left(1\right) =\left(1\right) \left(1\right) +\left(1\right) \left(1\right) \left(1\right) +\left(1\right) \left(1$

of podiatry in the UK.

2017-2020 **Director of Education**

Faculty of Podiatric Medicine (elected 2016), Royal College of Physicians and Surgeons of

Glasgow (Member 2014-2017).

2017-2018 Vice-Chair, Steering Group Committee – Research and Development Strategic

Development

Development of the new strategic plan for research and development. College of Podiatry,

Society of Chiropodists and Podiatrists.

2017-2019 Member, National Podiatry Network (Wales)

Invited as a member of a newly developed network consisting of heads of service of Wales

(Podiatry), consultant diabetologists, vascular and orthopaedic surgeons, and wound

specialists.

2017-2018 Chair, Career Pathway in Podiatric Medicine Seminar

Organised and chaired the career pathway in podiatric medicine for the Royal College of

Physicians and Surgeons of Glasgow for our final year students at Cardiff Metropolitan

University.

2016-present Member, Council for Allied Health Professionals Committee

Profession of podiatry representative for the joint research committee meetings.

2016-2018 Vice Chair, Research and Development Committee

College of Podiatry, Society of Chiropodists and Podiatrists (member 2014-2016).

2016-present Member, Chartered Clinical Scientist Committee

College of Podiatry, Society of Chiropodists and Podiatrists and the Science Council.

2016 UK Academic, Beta Program

Invited for consultation on a new e-learning platform (U-2-me.com).

2016 Chair, All Wales Partnership – Learning and Teaching Consensus

All University Health Boards, Wales, Cardiff Metropolitan University and the College of

Podiatry, Society of Chiropodists and Podiatrists.

2015-present Member, Sub-Fellowship Panel

Member of the Sub-Fellowship Panel for applications for Membership and Fellowship to the

Faculty of Podiatric Medicine, Royal College of Physicians and Surgeons of Glasgow.

2015-present Member, Scientific Committee, College of Podiatry – Annual National Conference

Member of the scientific committee to review oral and poster submissions and 'Jewel in the

Crown'.

2014-present Member: Wales Forum

All Wales Partners and College of Podiatry. Provide academic and under/postgraduate

educational input from a Wales and wider UK perspective.

2014-present Member: National Orthotic Podiatry Standing Advisory Group (NHS Wales)

Provide academic and under/postgraduate educational input and advise Podiatry managers

across Wales.

Conference Chair, Wales Podiatric Medicine 2014 & 2016

Chair for the first and second national conference in Swansea (2014) and Cardiff (2016).

2014 - 2016Member, National Programme Directors/Lead Forum

Represented Cardiff Metropolitan University BSc(Hons) Podiatry programme for all UK and Irish Schools.

2013-2015 Member, Core Curriculum Working Group - College of Podiatry

Re-development of curriculum guidelines for undergraduate podiatry degrees. College of

Podiatry, Society of Chiropodists and Podiatrists.

2012-2017 Chair, South East Wales Branch, Society of Chiropodists and Podiatrists

Chair to branch of South East Wales leading a range of educational and professional events for

podiatrists and students across South Wales.

2010-2014 Sessional Chair, Annual Conference – College of Podiatry

Chair for sessions for conferences held in 2010, 2012, 2013 and 2014.

Regional Advisor: Wales 2012-present

Faculty of Podiatric Medicine, Royal College of Physicians and Surgeons of Glasgow.

Advisory Panel Member, McMurray University, USA 2012-2014

International panel advisor (podiatric medicine link/input), Faculty of Kinesiology and Health

Fitness.

2009 Member, Scientific and Programme Committee, 7th Staffordshire Clinical

Biomechanics Conference

Faculty of Podiatric Medicine, Royal College of Physicians and Surgeons of Glasgow.

Journals and Reviewing Roles

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2024-present

| 2023-present | Editor-in-Chief (UK) | Journal of Foot and Ankle Research |
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| 2023-2024 | Guest Editor (Thematic Series) | Journal of Foot and Ankle Research |
| 2021 – 2023 | Associate Editor | Journal of Foot and Ankle Research |
| 2014-2020 | Associate Editor | The Foot and Ankle Online Journal |
| 2010-2015 | Editor-in-Chief | Prosthetics and Orthotics International |
| 2008-2014 | Chief Editor | The Foot and Ankle Online Journal |

2008-present **Contributing Editor** Journal of the American Podiatric Medical Association

Editorial Boards[†] and Invited Manuscript Reviewer*

| 2018-present | Canadian Journal of Prosthetics and Orthotics† |
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| 2018-present | Journal of Prosthetics and Orthotics* |

Journal of Applied Biomechanics* 2018-present

Clinical Biomechanics* 2018-present

Disability and Rehabilitation Assistive Technology* 2017-present

International Wound Journal†

2017-present Journal of Foot and Ankle Research[†]

International Journal of Practice-based Learning in Health and Social Care* 2017-present

Student Engagement and Experience Journal* 2017-present

The Foot* 2016-present

2015-2017 International Advisory Board-Systematic Review; ISPO-Belgium^{†*}

2015-present European Journal of Physiotherapy*
2016-present Journal of Science and Medicine Sport*

2015-present Healthcare*
2014-present Sports*

2013-present Journal Applied Bionics Biomechanics*
2013-present Journal Intellectual Disability Research*

2012-present Journal Rehabilitation Research Development*

2012-present The Bone Joint Journal (British)*

2011-present International Journal Human Factors Ergonomics*

2011-present Lower Extremity Review (Contributor)

2011-present Podiatry Now*

2010-present Prosthetics and Orthotics International*

2010-present British Journal Sports Medicine*

2010-present Gait and Posture*

2009-present Journal of Foot Ankle Research*

2008-present Journal of Orthopaedic Sports Physical Therapy*

2007-present The Knee*

2007-present Internet Journal Biological Anthropology†

2005-present Journal of the American Podiatric Medical Association*

Research and Enterprise

My research interests are interdisciplinary focussed, extending beyond that of my own discipline and cover biomechanics and rehabilitation with particular reference to the lower limb and footwear. My underlying philosophy is to understand the aetiology, mechanics and outcomes of rehabilitation and management that is applied. In recent years, the impact of educational research on the student experience has become ever more important and a number of learning and teaching projects have explored innovative approaches that share a symbiosis with my research work. I have led, contributed to and continue to contribute to projects that involve product development, innovation of footwear, insoles and three-dimensional printed foot bones used to create a foot jigsaw and to enhance student learning. In addition, current interests and work is based on heritage biomechanics and footwear characteristics linking history with modern day foot health, occupation and fashion.

Industry Collaboration, Research and Education Policy (Selection)

2024-present Harlaxton College, University of Oxford

Clinical tool development using single lens photogrammetry for foot morphology assessment (design of foot shape recording omitting the need for a cast for Ankle Foot Orthoses in cerebral palsy /post stroke patients).

2017-2018 Value of Podiatry, UK

Invited to work with BP Consulting and the College of Podiatry/Society of Chiropodists and Podiatrists, London as part of a Steering Committee to produce a campaign report based on impact case studies that highlight the breadth and value of podiatry across three key areas; vascular disease, falls prevention and rheumatology. The aim of this report is high-level influencing to promote the profession to politicians and commissioners and will be launched at the House of Commons in December 2017.

2016 Unique Skills of Workforce Event, National Assembly for Wales

Invited to represent Wales's podiatry education to meet the workforce skills gaps to provide a unified voice to advise the Welsh government on issues relating to the future of podiatry healthcare and education in Wales.

2011-present Product, Design and Research, Cardiff Metropolitan University

Developed a 3D printed jigsaw foot and now creating training models for trauma and orthopaedics and the wider field that includes podiatry and other allied health professions.

2010-2011 Vibram Fivefingers[®]: Primal Lifestyle Ltd

Worked with Primal Lifestyle to undertake a national survey on the characteristic wearing patterns of Vibram Fivefingers®.

Projects

2019-2025 URGO Foundation Award – Medical Moulage and Student Experience

This project is currently on hold due to COVID-19. The project explores the use of moulage and olfactory experiences to create diabetic ulceration on the foot. Students will be required to follow tasks in a patient scenario and their stress levels will be recorded via validated questionnaires, eye tracking, respiration and pulse rate.

2019-2022 **Bournemouth University**

Collaborating with Dr. Michele Board on a project that aims to explore student perceptions and understanding of dementia enrolled on health related programmes using a virtual reality app 'A Walk through Dementia'. The objectives of the project were to assess the effect of the app on student perception and understanding amongst undergraduate students registered on health related programmes at Cardiff Metropolitan University.

2017-2019 Swansea University* and Mary Rose Trust, Portsmouth

Future planning to collaborate with Mr Nick Owen (College of Engineering, Swansea University)* and the Mary Rose Trust (Ms. Alexzandra Hildred, Maritime Archaeology) on a number of projects. One project is already underway with the Mary Rose Trust which involves analysing footwear patterns and occupational heritage characteristics from the crew of the Mary Rose which sank in 1545.

2015-present Cardiff and Vale University Health Board and Spire Hospital, Cardiff

Collaborating with Anthony Perera, a Consultant Orthopaedic Foot and Ankle surgeon on outcome measures, ankle instability (limb dominance) plantar pressure measurement, limb preference and minimal invasive surgery.

Publications (Selection)

Books

- [1]. Albert SF; **Curran SA.** (Editors) (2013) Lower Extremity Biomechanics: Theory and Practice. BiPedMed: Omnipress Press, Denver, Colorado, USA.
- [2]. **Curran SA.** (Editor) (2014) Posture: Types, Health and Exercise. Nova Science Publishers, New York, USA.

Book Chapters

- [3]. **Curran SA.** (Pending) The Knee In Biomechanics of the Lower Limb: DPM Revision Book (Editors Rahman H, Albert SF), 1st Edition, Springer Nature, New York.
- [4]. **Curran SA.** (Pending) Functional Dysfunction of the Knee In Biomechanics of the Lower Limb: DPM Revision Book (Editors Rahman H, Albert SF), 1st Edition, Springer Nature, New York.
- [5]. Curran SA. (2017) Foot orthoses and patellofemoral joint pain. Patellofemoral Pain: An Evidence-Based Clinical Guide (Editors Selfe J, Janssen J, Callaghan M). Nova Science Publishers Inc, New York, USA.
- [6]. **Curran SA.** (2020) Podiatric Management of the Older Adult (Chapter 11). *Neale's Common Foot Disorders* (Editors Rome K, Burrows G), 9th Edition, Elsevier Publishers, London.
- [7]. **Curran SA.** (2017) Foot orthoses and patellofemoral joint pain. Patellofemoral Pain: An Evidence-Based Clinical Guide (Editors Selfe J, Janssen J, Callaghan M). Nova Science Publishers Inc, New York, USA.
- [8]. **Curran SA**; Albert SF. (2013) Evolution of bipedalism, the gait cycle and instrumented analysis. In *Lower Extremity Biomechanics: Theory and Practice* (Editors Albert SF, **Curran SA**). BiPedMed: Omnipress Press, Denver, Colorado, USA.
- [9]. Albert SF; **Curran SA.** (2013) Theoretical overview. In *Lower Extremity Biomechanics: Theory and Practice* (Editors Albert SF, **Curran SA**). BiPedMed: Omnipress Press, Denver, Colorado, USA.
- [10]. **Curran SA.** (2013) Sagittal plane facilitation of motion theory and associated pathologies. In *Lower Extremity Biomechanics: Theory and Practice* (Editors Albert SF, **Curran SA**). BiPedMed: Press, Denver, Colorado, USA.

Editorials (Selection)

- [11]. **Curran SA.** (2015) Prevention and management of foot complications in patients with diabetes: An interdisciplinary care perspective. *Prosthetics and Orthotics International* **39:**(5):1.
- [12]. **Curran SA.** (2012) Paralympics 2012-Creating a Foundation: Determining Success. *Prosthetics and Orthotics International* **36**(3):255-59.
- [13]. **Curran SA** (2011) Creos o Cymru! (Welcome from Wales). *Prosthetics and Orthotics International*.
- [14]. **Curran SA.** (2010) Lessons from the first decade: 21st century. *Foot and Ankle Online Journal* **3**(1)1-3.
- [15]. **Curran SA.** (2009) A new year for a developing journal. *Foot and Ankle Online Journal* **2**(1):1-4.

Articles (Selection)

[16]. **Curran SA** (2021) Pandemic marathon forces change. (Invited) *Lower Extremity Review*. July.

- [17]. **Curran SA** (2021) Perspectives of 360: Of Gait analyses and Elephants Footwear (Invited) *Lower Extremity Review*. April.
- [18]. Willis BF, **Curran SA** (2019) Brief, aerobic-surge exercises for effective weight loss: a randomized, controlled trial. *Medical Clinical Research*, 4 (11) 1 5.
- [19]. Contributor/Steering Group Committee (2018). Commissioning REPORT College of Podiatry: The value and breadth of podiatry in meeting healthcare demand. The Society of Chiropodists and Podiatrists, London, Warwick Printing Co Ltd, Warwickshire.
- [20]. Williams AE, Morrison S, Paton J, Boden C, Patnick M, **Curran SA**, Bowen CJ (2018). A strategic plan to develop research capacity, capability and impact of podiatry and foot and ankle research. London.
- [21]. Willis BF, Shanmugam R, **Curran SA** (2018) Food allergen eliminations for obesity reduction: A comparison study with therapeutic exercise. *Food Science and Nutrition Research* **1**(1): 6.
- [22]. Gwynne CR, **Curran SA** (2018) Two-dimensional frontal plane projection angle can identify subgroups of patellofemoral pain patients who demonstrate dynamic knee valgus. *Clinical Biomechanics* **58:** 44-48.
- [23]. Bonifácio D, Richards J, Selfe J, **Curran S**, Trede R (2018) Influence and benefits of foot orthoses on kinematics, kinetics and muscle activation during step descent. *Gait and Posture* **65**: 106-111.
- [24]. Aboutorabi A, Arazpour M, Hutchins, SW, **Curran SA**, Maleki M. (2017). The efficacy of foot orthoses on alteration to center of pressure displacement in subjects with flat and normal feet: A literature review. *Disability and Rehabilitation: Assistive Technology* **10**(6): 439-444.
- [25]. Gwynne CR, **Curran SA.** (2016) Cross sectional study of the role of proximal and distal factors in the development of patellofemoral joint pain. *Journal of Foot and Ankle Research* 9(Supp 1):A8.
- [26]. Saeedi H, Daryboor A, Ghasemi M, Yazdani M, Kamil M, Nabavl H, **Curran SA.** (2016) Influence of heel design in an orthopaedic shoe on ground reaction forces during walking. *Prosthetics and Orthotics International*. 40(5):598-605.
- [27]. Sheykhi Dolagh R, Saeedi H, Farahmand B, Kamyab M, Kamali M, Gholizadeh H, Derayatifar AA, Curran SA. (2015) The influence of foot orthoses on foot mobility magnitude and arch height index in adults with flexible flat feet. *Prosthetics and Orthotics International*. 39(3): 190-6.
- [28]. Arazpour M, Bani A, Hutchins SW, **Curran SA**. (2015) The influence of a rocker sole adaptation on gait parameters in spinal cord injury patients ambulating with the advanced reciprocating gait orthosis a pilot study. *Disability and Rehabilitation: Assistive Technology Journal* 10(1): 89-92.
- [29]. Robertson A, Beddard L, **Curran SA**, Perera AM. (2015) Tibial antegrade OATS grafting. Techniques in Foot & Ankle Surgery. (Invited paper) 14(3):120-27.

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Clinical and Science Media Communication (Selection)

- Curran SA. (2023) Interview with Richard Ceroc Feet and lower limb. Radio Bat.
- **Curran SA.** (2018) Footwear and lacing patterns for stability in sport. *Men's Health Magazine*. (Interview).
- **Curran SA.** (2018) Footwear and lacing patterns for stability in sport. *Men's Health Magazine*. (Interview).
- **Curran SA.** (2017) A strong base: the importance of foot health (part of a series on foot care produced in partnership with RB). *The Pharmaceutical Journal* (Royal Pharmaceutical Society publication). [Link]
- **Curran SA.** (2017) Children's shoe sizes and fit (Expert Interview: 8th August 2017). Good Morning Wales. BBC Radio Wales.
- Curran SA. (2016) 3D Printing-teaching anatomy. 21st Century.co.uk. [Link]
- Curran SA. (2016) Clinical gait analysis: The naked eye is...21st Century.co.uk. [Link]
- **Curran SA** (2016) Are your summer feet ready? Pivotal Motion Podiatry, Brisbane, Australia [Website]
- **Curran SA.** (2016) High heels and the workplace (Expert Interview: 11th May 2016) BBC Radio Hereford and Worcester.
- **Curran SA.** (2015) Foot health and function. Trust Me, I'm a Doctor (Expert Advice) BBC Two, TV.
- Curran SA. (2015) Are you beach feet ready? The Conversation. [Link]
- **Curran SA.** (2014) Gait function and quality of life: FES system equivalent to AFO. O&P News. [Website]
- **Curran SA.** (2014) Are our feet are getting bigger? (Expert Interview: 3rd June 2014). Good Evening Wales. BBC Radio Wales.
- Curran SA. (2013) Sit-to-stand assessment/transtibial amputation. O & P Business. [Website]
- Curran SA. (2013) Adaptive path to active. Lower Extremity Review. [Website]
- **Curran SA.** (2013) Strictly Come Dancing...*Dear Julien*. Foot Health Special. Western Daily Mail Newspaper.
- Curran SA. (2013) Foot problems: Q & A session. BBC Radio Wales.
- Curran SA (2013) Foot Health (16th March 2013). Western Daily Mail Newspaper.
- Curran SA. (2012) Be inspired: Aussie Paralympians. News Blog-ISPO. [Website]
- Curran SA. (2010) Fitflop toning footwear. X-Ray programme, BBC Wales, TV.

- **Curran SA**; Mathieson I. (2010) *Biomechanical assessment-Instructional DVD*. Common Foot Disorders-Elsevier, Edinburgh.
- Curran SA. (2008) Gait function: angle and base of gait. Interview for USA Activity News.

Invited Talks / Keynotes / Instructional Courses (Selection)

Mar 2024 **Prof Rhur, West University, Germany**

Invited as a speaker to present my journey to a personal chair.

Nov 2021 Virtual Reality and the Impact of a Dementia App on Student Learning

Invited speaker presenting the use of technology and virtual reality goggles and a Dementia app on student experience. Annual Conference, Royal College of Podiatry, AAC Liverpool.

Oct 2021 Anatomy of the High Heel

Invited as a main stage speaker presenting at the Foot and Ankle Show, Exhibition Centre, Liverpool

May 2021 Lisfranc Injury – The Missed Injury

Invited to speak (online) at the Ontario annual conference for podiatry, Canada.

June 2018 Chronic Ankle Instability and Patellofemoral Joint Pain

Invited as a keynote speaker to the Biomechanics Summer School (Langer Biomechanics) at the Victoria and Albert Marriott Hotel, Manchester.

Nov 2018 Influence of pre-fabricated medially wedged foot orthoses on kinematics, kinetics

and muscle activation in healthy individuals

Oral presentation Annual Conference, College of Podiatry Bournemouth International Centre.

June 2018 Chronic Ankle Instability and Patellofemoral Joint Pain

Invited as a keynote speaker to the Biomechanics Summer School (Langer Biomechanics) at the Victoria and Albert Marriott Hotel, Manchester.

March 2018 Innovative Teaching Methods

Invited lecture on innovative teaching methods at the European Network of Podiatry Higher Education, University of Salford.

October 2017 Flexible Flat Foot and Foot Orthoses

Invited to present at the International Surgery and Ortho Conference, Toronto, Ontario, Canada (Allied Academies).

July 2017 Learning and Teaching Annual Conference

Pecha kucha presentation on my experiences of experiential learning, innovation and creativity. Cardiff Metropolitan University.

June 2013 Blades of Glory: Secrets of Success

Judy Hawkins Memorial Seminar, Heath Hospital, Cardiff University.

May 2012 Writing for Publication

Instructional course lecture. World Congress, Leipzeig, Germany.

Sept 2012 London 2012 Paralympics: The Science behind the Success"

South East Wales Branch – Society of Chiropodists and Podiatrists.

| Nov 2011 | How to Write a Paper National University of Ireland, Galway. |
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| Sept 2011 | Neuromuscular and Vascular Theoretical and Practical Update. Gloucester Society of Chiropodists and Podiatrists Branch. |
| July 2011 | Toning Footwear: Here Comes the Science Bit South East Wales Branch – Society of Chiropodists and Podiatrists. |
| July 2011 | Foot Orthoses and Patellofemoral Joint Pain: The Evidence Welsh Institute of Chiropractic, University of South Wales. |
| Oct 2011 | Patellofemoral Joint Pain and Foot Orthoses Bournemouth International Centre, Annual Conference, College of Podiatry, Society of Chiropodists and Podiatrists. |
| Nov 2010 | Elegancy versus Efficiency: High Heeled Footwear and Pre-fabricated Foot Orthoses Canadian Federation of Podiatric Medicine annual conference, Ottawa, Canada. |
| Nov 2010 | Role of Modern Medical Acupuncture in Podiatry and Sport Canadian Federation of Podiatric Medicine annual conference, Ottawa, Canada. |
| Nov 2010 | Sagittal Plane Facilitation Theory: An Alternative Podiatric Biomechanical Paradigm? Canadian Federation of Podiatric Medicine annual conference, Ottawa, Canada. |
| Sept 2012 | Secrets of Success: 2012 London Paralympic Games South East Wales Branch SOCAP Meeting, Cardiff Metropolitan University. |
| Nov 2011 Nov 2011 | Characteristic Wear Trends of Vibram Fivefingers [®] : A UK Based Study Annual Conference, Society of Chiropodists and Podiatrists, Harrogate International Centre. Walking Efficiency of UGG Style Boots Annual Conference, Society of Chiropodists and Podiatrists, Harrogate International Centre. |
| Nov 2011 | Chronic Ankle Contracture Reduced: A Case Series Annual Conference, Society of Chiropodists and Podiatrists, Harrogate International Centre. |
| Oct 2010 | Vibram® Fivefingers and Barefoot Walking: A Comparative Investigation of Gait Efficiency Annual Conference, Society of Chiropodists and Podiatrists, Bournemouth International Centre. |
| Oct 2010 | Intra and Inter-rater Reliability of First Metatarsophalangeal Joint Dorsiflexion: Goniometry versus Visual Estimation. Annual Conference, Society of Chiropodists and Podiatrists, Bournemouth International Centre. |
| Nov 2009 | High Heeled Footwear and the Influence of Prefabricated Orthotic Inserts on Gait Efficiency. Annual Conference, Society of Chiropodists and Podiatrists, Harrogate International Centre. |
| Nov 2009 | Influence of Body Mass Index on Foot Posture and Position. Annual Conference, Society of Chiropodists and Podiatrists, Harrogate International Centre. |

Nov 2009 Use of Total Contact Casts in the Treatment of Neuropathic Ulceration in Patients

with Diabetes Mellitus: A Systematic Review

Annual Conference, Society of Chiropodists and Podiatrists, Harrogate International Centre.

Oct 2009 Reducing Fall Frequency in Parkinson's Disease: A Case Report for Footwear

Modifications

AGILE Conference, Parkinson's, Glasgow.

Apr/May 2009 A Cross-sectional Survey to Formulate Clinical Patellofemoral Joint Alignment and

Foot Posture Categories: Part A

 $\mathbf{1}^{\text{st}} \text{ international patellofemoral joint research retreat patellofemoral pain syndrome: Local,}$

distal and proximal factors, Admiral Fell Inn, Baltimore, USA.

Apr/May 2009 Comparisons between Asymptomatic Participants Defined by a Criterion

Categorisation System and Patients with Patellofemoral Joint Pain using Plantar

Pressure Measurement: Part B

1st international patellofemoral joint research retreat patellofemoral pain syndrome: Local,

distal and proximal factors, Admiral Fell Inn, Baltimore, USA.

Oct 2008 Reliability and Sensitivity of Selected Patellofemoral Joint Alignment Measures to

Changes in Foot Posture and Position.

Annual Conference, Society of Chiropodists and Podiatrists, Bournemouth International

Centre.

Oct 2008 Influence of Turnout on Foot Posture and its Relationship to Musculoskeletal Injury

in Professional Contemporary Dancers

Annual Conference, Society of Chiropodists and Podiatrists, Bournemouth International

Centre.

Apr 2007 Clinical Alignment of the Patella and Tibial Tubercle: A Reliability Study

5th Staffordshire Conference 'Cyclic crick damage' University of Staffordshire.

Nov 2006 An Investigation into the Reliability of Quintic Biomechanics Software when used to

Measure Transverse Plane Tibial Rotation through the use of a Tibial Pointer

Annual Conference, Society of Chiropodists and Podiatrists, Brighton International Centre.

Feb 2005 A Method of Measuring the Alignment of the Patella

Research Fellowship Seminar, Health Professions Wales, City Hall, Cathays, Cardiff.