

PHYSICAL THERAPY KNOWLEDGE BROKER REPORT 2022

The Position

Increased from 0.5 FTE to 1.0 FTE since July 1, 2021: (Alison Hoens 0.8 FTE; Paul Blazey 0.2 FTE July 1 2021-June 30 2022; Jason Craig since July 1st 2022 0.2 FTE)

Key initiatives/Projects

32 initiatives / projects (4 new) were undertaken in 2022. Total of initiatives/projects over lifetime of PT KB position = 76

Title	Description	Sphere & Focus I – International; N- National; P- Provincial; L – Local ID- Interdisciplinary; PT - Physiotherapy	Role
Digital Directions	New initiative by PABC to provide members with the opportunity to contribute to an evidence-informed interactive online newsletter	P, PT	Lead
FlexCAre	Designing and testing delivering care for patients with inflammatory rheumatic diseases to enable flexible timing, modality and type of encounters, determined by remote monitoring of patients' symptoms, function, physical, emotional and social impact of IRDs (PROMs), linked to clinical and laboratory data from EMRs and other information that may influence care needs using a web-based e-health system	N, ID	KB
OPERAS Ideator	Market assessment to determine the commercialization and go-to-market assessment strategy for OPERAS – a web platform that allows people living with RA to track & monitor their symptoms and see patterns.	N/ID-PT	KB
ACTIVE - Adding Life to Years in Cognitive Frailty by Preventing Falls		P, PT & ID	KB
DECIDE-PAIN: A Decisional Needs Assessment for Patient-Centered Pain Care in Canada	National initiative to assess the decisional needs of Canadians with chronic pain	N, ID	Team member
Virtual Delivery of the Early Intervention Program (VEIP)	An exploration of family perceptions of virtual delivery of an allied intervention program for children with developmental delay	P ID	Lead
The Physical Activity Support Kit Initiative (PASKI)	An initiative to identify, evaluate & recommend resources to support physical activity in persons living with chronic conditions. Focus this year: partnering for	P ID	Lead

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	loading & launch on HealthLink BC website		
The Resisted Exercise Initiative (REXI)	To describe the current use of and identify barriers to use of resistance exercise by PTs for older adults in BC hospitals and develop KT science-based strategies to target identified barriers.	P PT	Lead
The Achilles Tendinopathy Toolkit Update	Update of the Achilles Tendinopathy Toolkit with recent evidence (in conjunction with MPT students)	L/P/N/I PT	Lead
The Lateral Epicondyle Tendinopathy Toolkit Update	Update of the Lateral Epicondyle Tendinopathy Toolkit with recent evidence (in conjunction with MPT students)	L/N/I PT	Lead
The Total Joint Arthroplasty Outcome Measures Toolkit	Updating the Total Joint Arthroplasty Outcome Measures Toolkit to reflect advances in the evidence.	L/P/N/I PT	Lead
Post COVID Recovery Clinics & Interdisciplinary Clinical Care Network	Establishment of a provincial network of interdisciplinary postCOVID clinical care with embedded research within a learning health system.	P ID	Steering & Core Cmmts
Navigating the maze. Acute Knee Injury Practice Support Tool (AKIP)	bringing together Family Practice Physicians, patients, allied health practitioners, specialists and researchers to identify the required resources/tools that address the current gap and barriers to co-develop an Acute Knee Injury Practice (AKIP) Support Tool	L/P ID	KB
Citizen Science Project Addition of Long COVID component	Web-based app, <i>CHANGE (Citizen Health: Action, Network & Global Engagement)</i> to enable citizens to contribute data to help elucidate research questions relevant to the burden of symptoms.	N/P ID	Overlap between previous BC SUPPORT Unit & PC-ICCN role & PT KB role
ISTART - evidence-informed knowledge translation tool to facilitate resistance training prescription delivery for people with rheumatoid arthritis	Development of a tool that enables clinicians working with patients with rheumatoid arthritis to individualize effective resistance training programs.	L/P/N/I ID	KB Patient partner
Next Generation Rehabilitation Interventions for Pediatric Concussion	A Multi-disciplinary International Research Symposium to inform research direction for pediatric concussion.	L/P/N/I ID	KB – Facilitating design & evaluation

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Building a collaborative research agenda for virtual exercise and nutrition supportive cancer care in BC	A three phased project to develop a comprehensive and evidence-informed research agenda for the development of virtual exercise and nutrition programming for people living with cancer in British Columbia.	P/I ID	KB
Living Systematic Review and Knowledge Mobilization of Care Models and Management Options for Long COVID	National initiative to 1) Conduct 2 living systematic reviews related to care models and management options for Long COVID and 2) Implementing a knowledge mobilization hub to share real-time high-quality evidence.	P/N/I ID	KB PC-ICCN role
Compensation and Conflict in Patient-Oriented Research (POR)	Exploration & consensus building initiative re the compensation of patients in POR and how conflicts of interest are, and could be, managed	P ID	Team member
Studying consensus methods in integrated knowledge translation to promote patient-oriented research	To better understand effective consensus methods for use in IKT and patient-oriented research.	P ID	Team member
Patient Engagement in Research Scale (PEIRS)	Development & validation of a scale to evaluate meaningful patient engagement in research	N/I ID	KB Patient partner
The Effect of Running on Osteoarthritis	Patient and healthcare providers perspectives re running and knee health	I ID	KB
Stop OsteoARthritis (SOAR) Program	Evaluating the acceptability, feasibility, and preliminary efficacy of a novel physiotherapist-guided osteoarthritis risk reduction program for youth who have suffered a sport-related knee injury.	N/I PT	KB
ISTART	A behaviour change science and patient-oriented research approach to develop 1) a methodology for tailoring strength training interventions and 2) a behavioural intervention to improve strength training participation among people with rheumatoid arthritis	L ID	KB Patient partner
Improving pain education across entry-level physiotherapy programs in Canada	A 5-year initiative to elucidate and address inconsistencies in Canadian physiotherapy programs use of best evidence on pain education.	N PT	KB
Incorporating intersectionality in KT models, theories and frameworks	Pan-Canadian IKT initiative to enhance existing KT models, theories & frameworks to enable implementation practitioners to incorporate intersectionality in projects/activities	N ID	KB

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Community Developed Solutions to Address Barriers in Self Management of Arthritis in Underserved populations	Supporting the implementation of community generated recommendations to improve the self-management of arthritis and chronic conditions in underserved communities	L ID	KB
CLARITY: Co-developing & evaluating Accessible model of care for Rheumatic Inflammation	The CLARITY preparation to trial will design an intervention (Flexible Care Delivery model) with patients and health care providers, assess its potential economic impact, inform the design of the future hybrid effectiveness-implementation trial and develop the health informatics infrastructure needed to deliver it.	N ID	KB
ProActive: Promoting a Balanced 24-hour Activity Profile in Older Adults to Prevent Frailty Related to Chronic Inflammation	To co-develop with patients, their caregivers and health professionals a strategy to integrate the 24-hour Movement Guidelines in the care for older adults at early levels of frailty	N/P/L PT	KB
The Pathway for patient engagement in Rheumatology Research	An international effort to identify key points and resources in the engagement of patients in rheumatology research http://rheumactioncouncil.org/tl/	I ID	KB Patient partner
Defining patient complexity in rheumatology to enhance a tailored approach to patient care.	Measuring patient complexity to help identify which patients, at specific points in time, need more or different types of care	N ID	KB
Effective Quality indicator Implementation for Patients (EQUIP)	Using an iKT approach, facilitate the implementation of 10 evidence-based quality indicators to improve quality of post-total joint rehabilitation	L PT	KB
Hyperbaric Oxygen Post Established Stroke (HOPES)	To determine the effects of hyperbaric oxygen on ischemic stroke in patients 6 to 36 months after stroke	L ID	KB

Funder-specific activities

UBC Department of Physical Therapy

- Advisory Search Committee for Head of UBC Dept of PT
- Supporting faculty (Dr Virji-Babul, Dr Li [*see ARC section below], Dr Whittaker [*see ARC section below], Dr Hunt; supporting affiliated faculty (Dr Marie Westby, JF Esculier); supporting trainees
 - Grants (KT plans)
 - Recruitment of clinician and patient partners
 - Design +/- facilitation +/- evaluation of workshops, symposia, focus groups etc.
 - Dissemination of findings

- Graduate student supervision: Dr Li's PhD student Heather Worthington
- Newsletter contributions
- Faculty meetings
- Admission interviews
- Clinical Faculty Appointments/Promotions/Reappointments Committee
- KT consultation for MPT research course projects

Physiotherapy Association of BC

- Newsletters
 - Print – Long COVID and Physiotherapy: Key messages for PTs
 - Digital Directions – Develop themes, identify authors, work with authors to develop & refine content
 - Stretching
 - Education
- Webinar: Lateral Epicondyle Tendinopathy Toolkit Update
- Forum panels
 - Active For Health – vetted resources to support physical activity for persons with chronic conditions
 - Long COVID – perspectives from public and private PT practice
- Bi-monthly submissions for “PT KB Finds” highlighting key messages from recent articles

Arthritis Research Canada

- Moderator for Arthritis Research Education Series webinars
 - Help! I can't sleep. Arthritis and Insomnia
 - Preventing Falls in Older Adults
- KT education session for Trainee Days: Shaping & Sharing Messages from Your Research – Tips for Trainees
- Supporting KT for the CIORA funded self management project
- Supporting researchers:
 - Dr Avina:
 - Immunosuppression and COVID
 - Hydroxychloroquine and retinal toxicity
 - Key messaging for multiple sclerosis risk with anti-TNF medications
 - Dr Whittaker:
 - SOAR – Stop Osteoarthritis
 - AKIP Acute Knee Injury Support Tool
 - OPTIKNEE dissemination plan
 - Dr Li:
 - Citizen Science Long COVID platform: build, testing, dissemination & National Long COVID Web grant application,
 - ACTIVE: Adding Life to Years in Cognitive Frailty by Preventing Falls
 - OPERAS Ideator Award
 - Dr Barber:
 - Better Match
 - Evaluating biopsychosocial complexity in persons living with rheumatoid arthritis

- Development and pilot of a shared-care model for rheumatoid arthritis leveraging an “on demand” follow-up strategy
- Psychometric evaluation of a measure of care complexity in rheumatoid arthritis
- Dr Lacaille:
 - FlexCAre: Co-developing a Flexible Care Delivery Model for Inflammatory Arthritis
 - CLARITY: Co-developing a fLexible cAre delivery model for Rheumatic InflammatoRy diseases

Engagement

Facilitated the involvement of > 500 partners (patients, clinicians, researchers and decision-makers and students) in projects.

The BC PT Research Collaboration Registry is continuing to be foundational in facilitating research partnerships involving BC PT clinicians, decision-makers and researchers in various practice areas.

The [resources](#) that have been created that have been accessed since 2009 ~ 1,034,347 views provincially, nationally and internationally (~212,407 views in 2022).

- Updated 1 existing resources
 - Lateral Epicondyle Tendinopathy Toolkit
- PABC: 24,501 views of all resources in lifetime of PT KB position
 - Comments include:
 - “I really appreciate the clinical information & Alison’s knowledge translation”
 - “Strong evidence-based information with clear explanations”
 - “I can’t wait to take it back to my co-workers”

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Grant Activity

of funded grants for 2022: 11 / 16

Total grant funding for 2022: \$4,330,960

Total # of funded grants over lifetime of PT KB position: 74 / 144

Total grant funding over lifetime of PT KB position: \$22,483,624

Percentage of successful grants over lifetime of PT KB position: 51.4%

The Arthritis Society Strategic Operating Grant	FlexCARE: Co-developing a Flexible Care Delivery Model for Inflammatory Arthritis	C	\$450,000	January 2023-December 2026	Lacaille D.	Bansback N, Barber C, Barnabe C, Bartlett S, Colmegna I, Da Costa D, Fortin P, Hazlewood G, Hoens A, Koehn C, Li L, Michou L. Patient Partners: APAB- McQuitty S, Mennell, P, Tsui K, PIRA-Beaulieu MC, Garceau H, Gervais F, Lajante M. Collaborators: Bardi M, Bessette L, Bray MC, Chan S, Eastwood C, Kur J, MacMullan P, Patrick P, Robert J, Shojanian K. * Knowledge Broker
Doctors of BC Shared Care Initiative	Navigating the Maze: Supporting family physicians in the diagnosis, management, and referral of acute knee injuries		\$202 K	2022/23	J Whittaker	K Kausky, E Willsey N Graham, R Chaboyer L Copping, L Trong *Knowledge Broker
CIORA	Development and pilot of a shared-care model for rheumatoid arthritis leveraging an "on demand" follow-up strategy	C	\$120 K over 2 years	2022-2024	C Barber	S Manske, G Hazlewood, R Ward, D Lacaille, E Lopatina, M Barber, P MacMullan, D Mosher, A Fifi-Mah, M Jung, L Phillips, M Twilt, N Luca, K Then, T Crump, K Osinski, B Job, S Zafar, G Bhangu, S Subdar. *Co-investigator

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<p>Canadian Institutes of Health Research (CIHR), Operating Grant: SPOR – Guidelines and Systematic Reviews - Extension and Renewal.</p>	<p>Strategy for Patient-Oriented Research (SPOR) Evidence Alliance,</p>	<p>C</p>	<p>2,630,000</p>	<p>2022-23</p>	<p>Nominated PI Tricco A. Co-PIs: Abou-Setta A, Clement F, Colquhoun H, Curran J, Godfrey C, Isaranuwachai W, Leblanc A, Li L, Moher D, Smith L, Straus S.</p>	<p>Nominated Principal KUs Gall Casey C, Gunderson J, Hayes A, Proctor A, Smith M, Wilhelm L. Co-Is: Audas R, Bacon S, Bagheri E, Baxter N, Bornstein S, Brouwers M, Coyle D, Decary S, Dobbins M, Dolovich L, Donnan J, Duhn L, Elliot M, Embrett M, Fahim C, Florez I, Gagnon M, Gaudine A, Giguere A, Goodarzi Z, Goodridge D, Graham I, Grunfeld E, Hartling L, Horsley T, Hutton B, Iyer S, Jibb L, Keeping-Burke L, Kelly S, Klinger C, Lal S, Lavis J, Lee E, Legare F, Little J, Luctkar-Flude M, Lukaris D, Macarthur C, Macdonald M, Majnemer A, Mann J, Manns B, Martin J, Maximos M, McCabe C, McGowan J, Mitton C, Moayyedi P, Murphy A, Presseau J, Rieger K, Ross-White A, Santesso N, Sawchuck D, Scott S, Sears K, Sibley K, Sim M, Snelgrove-Clarke E, Stelfox T, Szatmari P, Thavorn K, Thombs B, Veroniki A, Watt J, Welch V, Wells G, Wilson M, Wilson R, Woo K, Woodgate R, Young N. Collaborators: Baidoobonso S, Basran J, Bhattacharyya O, Brunnhuber K, Glasziou P, Ho J, Irlbacher-Fox S, Jordan Z, Langlois E, Leese J,</p>
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						<p>Menear M, Mittman B, Mrklas K, Page M, Paus Jenssen E, Rabeneck L, Soobiah C, Whiteside C.</p> <p>Knowledge Users: Carter C, Elliott Rose A, Holmes B, Khan T, Koehn C, McKinnon A, McQuitty S, Moroz S, Mosel J, Murphy T, Pomeroy B, Rodin R, Sanon P, Scott M, Singal D, Stevens A, Tunis M, Wiebe R, Yu C, Zibrowski E.</p> <p>*Knowledge User</p>
CIHR Project Grant Spring 2022	Psychometric evaluation of a measure of care complexity in rheumatoid arthritis	C	\$297,584 for 3 years	2022-2025	C Barber	<p>Co-PI: T Crump</p> <p>Co-Is: C Barnabe, E Dempsey, G Hazlewood, , S Katz, J Kopec, D Lacaille, P MacMullan, D Mosher, J Rankin, J Sutherland, K Then</p> <p>*Co-I</p>
CIHR Planning & Dissemination Grant –ICS (Winter 2022)	CLARITY: Co-developing a flexible care delivery model for Rheumatic Inflammation diseases	C	\$20,000	July, 2022- June 2023	D.Lacaille	<p>Bansback N, Barber C, Barnabe C, Bartlett S, Da Costa D, Fortin P, Hazlewood G, Hoens A, Koehn C, Li L, Oelke N.</p> <p>Patient Partners: Collins J (APAB), Gervais F (PIRA).</p> <p>Collaborators: Au D, Bardi M, Bessette L, Caron M, Eastwood C, Kur J, MacMullan P, Patrick P, Shojania K.</p> <p>*Co-applicant</p>

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CIHR Planning & Dissemination Grant	Mobilizing digital health to promote a balanced 24-hour activity profile in older adults with arthritis and early state frailty	C	\$20 K	2022	Li LC Liu-Ambrose, T	Brady S, Wilhelm L, Davis J, Feehan L, Gromala D, Homes B, Kho M, King L, Madden K, Shaw C, Smith R, Wang E, Laugh E, Whittaker J, Xie H, Asam P, Callahan L, Coutts M, Glasier K, Karne V, MacLeod A, Stamm T, White D *Co-applicant
CIHR Planning & Dissemination Grant	Next Generation Rehabilitation Interventions for Pediatric Concussion: A Multi-disciplinary International Research Symposium	C	\$10 K	2022	Virgi-Babul N	Dr. V. Chan Dr. I. Gagnon Dr. J. Schmidt Dr. L. Sergio Prof. K. Yeates *Collaborator
Doctors of BC Shared Care	Navigating the Maze: Supporting family physicians in rapid, accurate diagnosis, management, and referral of acute knee trauma	NC	\$15 K	2022	J Whittaker	K Kausky P Blazey *Knowledge Broker
CIHR	Moving More: Supporting Uptake of Evidence for Physical Activity in Older Adults with Complex Health Care Needs	C	\$516,376	2022 - 26	Li LC, Liu-Ambrose T	Davis J, Feehan L, Holmes B, Kho M, Ma J, Barha C, Falck R, Mayo N, MacKay-Lyons M, Madden K, Theou O, Wong H, Xie H, Leese J Collaborators: Riis V, MacLeod A, Burrows BJ, Warfield P, Annandale K, Jeanneau J, Collins J, *Co-investigator
BC Lung Foundation	Mitigating tuberculosis related morbidity: developing a theory driven post-tuberculosis intervention package	C	\$50 K	15-Feb-2022 to 14-Feb-2024	J Johnston K Romanowski	V Cook, C A Basham, F A Khan *Co-investigator

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Submitted and awaiting results

Granting Agency	Subject	COMP	\$ Per Year	Year	Principal Investigator	Co-investigators / Personal Role*
CIHR Canadian Post COVID-19 Condition Research Network funding	Long COVID Web	C	\$4M	2023	A Cheung	250 partners *Co-applicant
CIHR	ACTIVE: Adding Life to Years in Cognitive Frailty by Preventing Falls	C	1070000	2023-2028	T Liu-Ambrose LC Li K Madden	<u>Co-Investigator:</u> C Barha, J Brubacher J Davis, T Dignum R Falck, CL Hsu M Kho, T Manyanga L Nagamatsu, N Parmar D Skelton, O Theou H Wong <u>Collaborators:</u> K Annandale, C Bradstock, J Burrows R Corepal, M Coutts C Davis, K Glasier M Hindmarsh, M Oakey *Collaborator
Project Grant: Fall 2022 and Spring 2023 (2022-09-14)	Pharmacogenomic testing for people with major depression: Identifying and developing implementation strategies	C	\$538,333.33 (total: \$1.615M)	3 years	S Bryan (NPA)	S Bryan, M Price L Edwards, S Gharbarian Z Waheed *Collaborator

Publications

Research Gate metrics:

Citations = 1,182 (23% increase in 2022)

Total Reads = 22,535 (14% increase in 2022)

H-Index = 21 (14% increase in 2022)

Research Interest Score = 762

Peer-reviewed = 15 new, 79 total

Other (podcasts, webinars, guides, blogs): 3 in 2022; 24 total

Submitted = 6

In progress = 8

Peer-reviewed (15 new; 79 Total)

Cary MA, Plamondon K, Banner-Lukaris D, Oelke N, Sibley KM, Baxter K, Vis-Dunbar M, **Hoens, AM**, Wick U, Bigsby S, Wuerstl K, & Gainforth HL. Building consensus in research partnerships: A scoping review of consensus methods. Evidence & Policy. (2022), 1-27.

<https://doi.org/10.1332/174426421X16645354235140>

Wu, M, Ma JK, Ramachandran S, Sandhu A, Tsui K, **Hoens AM**, Hu, D, Li LC. Tailoring strength training prescriptions for people with rheumatoid arthritis: A scoping review. *American Journal of Lifestyle Medicine*. (2022). DOI 10.1177/15598276221125415

MacLeod MLP, Leese L, Garraway L, Oelke ND, Munro S, Bailey S, **Hoens AM**, Loo S, Valdovinos A, Wick U, Zimmer P, Li LC. Engaging with patients in research on knowledge translation/implementation science methods: a self study. *Research Involvement and Engagement* (2022) 8:41 <https://doi.org/10.1186/s40900-022-00375-5>.

J Presseau, Kasperavicius D, Braganca Rodrigues I, Braimoh J, Chambers A, Etherington C, Giangregorio L, Gibbs JX, Giguere AMC, Graham ID, Hankivsky O, **Hoens AM**, Holroyd-Leduc J, Kelly C, Moore JM, Ponzano M, Sharma M, Sibley KM, Straus S. Selecting Implementation Models, Theories, and Frameworks in which to Integrate Intersectional Approaches. *BMC Research Methodology*. (2022) 22, 212. <https://doi.org/10.1186/s12874-022-01682-x>

Esculier JF, Besomi M, De Oliverira Silva D, Passigli S, Rathleff MS, Van Middelkoop M, Barton C, Callaghan MJ, Harkey MS, **Hoens AM**, Mrowchuk NM, Teoli A, Vicenzino B, Willy RW, Hunt MA. Do the general public and healthcare professionals think running is bad for the knees? A cross-sectional multilanguage online survey. *Orthopedic Journal of Sports Medicine*. 2022;10(9). doi:[10.1177/23259671221124141](https://doi.org/10.1177/23259671221124141)

Bunka M, Ghanbarian S, Riches L, Anonymous Patient Partner, Edwards L, **Hoens AM**, Bryan S. Collaborating with patient partners to model clinical care pathways in major depressive disorder: The benefits of mixing evidence and lived experience. *PharmacoEconomics*.(2022). <https://doi.org/10.1007/s40273-022-01175-1>.

Ma JK., Ramachandran S, Sandhu A, Tsui K, **Hoens AM**, Patient Partner, Hu DLK, Li, LC. Tailored interventions for supporting physical activity participation in people with arthritis: A systematic review. *Current Treatment Options in Rheumatology*, 2022. <https://link.springer.com/article/10.1007/s40674-022-00194-5>

Sibley KM, Kasperavicius D, Braganca Rodrigues I, Giangregorio L, Gibbs JC, Graham ID, **Hoens AM**, Kelly C, Lalonde D, Moore JE, Ponzano M, Presseau J, Straus SE. Development and Usability Testing of Tools to Facilitate Incorporating Intersectionality in Knowledge Translation. *BMC Health Services Research*. DOI: 10.1186/s12913-022-08181-1.

Levin A, Malbeuf M, **Hoens A**, Carlsen C, Ryerson C, Cau A, Bryan S, Robinson J, Tarlin T, Shum J, Lavallee D. Creating a provincial Post COVID-19 Interdisciplinary Clinical Care Network as a Learning Health System during the pandemic: integrating clinical care and research. *Learning Health Systems*. *Learn Health Sys*.(2022);e10316. <https://doi.org/10.1002/lrh2.10316>

Slomp C, Morris E, Edwards L, **Hoens AM**, Landry G, Riches L, Ridgway L, Stirling B, Austin J. Pharmacogenomic testing for major depression: a qualitative study of the perceptions of people with lived experience and professional stakeholders. *The Canadian Journal of Psychiatry*. (2022) <https://doi.org/10.1177/0706743722114038>

Daftarian N, Lima A, Marozoff S, Ojo D, Levasseur SD, Maberley DAL, **Hoens AM**, Esdaile JM, Dawes M, Avina-Zubieta A, Intact Study Group. **Retinal Toxicity and Hydroxychloroquine Therapy (INTACT) - A Prospective Population-based Cohort Study**. *BMJ Open*. (2022);12:e053852. doi:10.1136/bmjopen-2021-053852

Ma JK, Leese JL, Therrien S, **Hoens AM**, Tsui K, Li LC. A scoping review of interventions to improve strength training participation: Future research and practical applications. *PLOS ONE*. (2022) <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0263218>.

Whittaker JL, Truong LK, Losciale JM, Silvester-Lee TS, Miciak M, Pajkic A, Le CY, **Hoens AM**, Mosewich AD, Hunt MA, Li LC, Roos EM. Efficacy of the SOAR Knee Health Program: Protocol for a Two-arm Stepped-wedge Randomized Delayed-control Trial. *BMC Musculoskeletal Disorders* (2022) 23:85 <https://doi.org/10.1186/s12891-022-05019-z>.

Li LC, **Hoens AM**, Wilhelm L, Bubber V, PausJenssen E, McKinnon A, Leese J, Otamendi T, Hamilton CB, Zarin W, Tricco AC, for the SPOR Evidence Alliance. Patient engagement in the SPOR Evidence Alliance: reflection, learnings and the way forward. *FACETS*. (2022) (7)126-138. <https://doi.org/10.1139/facets-2021-0133>

Barn P, Lo-Kolb W, Josey D, Vint Z, Sha C, Rideout K, Hamilton C, Shellington E, **Hoens AM**, Joshi P, Carlsten C. Better together: Launching and nurturing a patient advisory Group to enhance care and research for asthma and COPD. *Chest* 2022 Feb;161(2):382-388. doi: 10.1016/j.chest.2021.10.028.

Other (3)

The 17-year knowledge gap: The origin, evolution and relevancy. <https://www.msfhr.org/1/webinar/the-17-year-gap-its-origin-evolution-and-relevancy>
 Mobilize Podcast: Knowledge Translation & Stakeholder Engagement. March 22, 2022 <https://open.spotify.com/episode/0But3HCKTGeQeHFYjbVAgu>
 Intersectionality & Knowledge Translation (KT). Guide for Common Approaches to Assessing Barriers & Facilitators to Knowledge Use. https://knowledgetranslation.net/wp-content/uploads/2020/02/IntersectionalityKT_Guide_for_Common_Approaches_to_Assessing_Barriers_and_Facilitators_Draft_Version.pdf

Submitted (6)

Ndateba I, Wong ST, Esclier JF, Gibbs A, Gourd S, **Hoens AM**, Ezzat AM. Physiotherapist and patient experiences of team-based primary care delivery during the COVID-19 pandemic in Canada. *Journal of Interprofessional Care*.

Plamondon K, Banner-Lukaris D, Cary M, Gainforth H, Ghag K, **Hoens AM**, Huiskin A, Kandola D, Khan S, Silveira Silva A, Oelke N, Rai A, Strain K, Sibley K, Wick U. Relational practices for meaningful inclusion in research: Results of a deliberative dialogue study. *Qualitative Health Research*.

Macdonald GG, Leese J, Kerr S, **Hoens AM**, Lum W, Gulka L, Nimmon L, Li LC. A patienthood that transcends the patient: An analysis of patient research partners' narratives of involvement in an arthritis patient advisory board. *Health Services Research & Policy*.

Naye F, Légaré F, Paquette JS, Tousignant-Laflamme Y, LeBlanc A, Gavoury I, Poitras ME, Toupin-April K, Li L, **Hoens A**, Poireier MD, Décary S. A Decisional Needs Assessment for Patient-Centred Pain Care in Canada: the DECIDE-PAIN study protocol." *BMJ Open*.

Michaux KD, Metcalfe RK, Conklin AI, **Hoens AM**, Smith D, Struik L, Safari A, Sin DD, Sadatsafavi M on behalf of the IMPACT Study Group. Implementing Predictive Analytics towards efficient COPD Treatments (IMPACT): Protocol for a stepped wedge cluster randomized impact study. *Diagnostic and Prognostic Research*.

Taylor I, **Hoens AM**. Sharing research findings with stakeholders: What does the literature tell us about information formats and data visualizations? *Frontiers*

In progress (8)

Bhangu G, Hartfeld NMS, Lacaille D, Lopatina E, **Hoens AM**, Barber MRW, Karen L. Then KL, Zafar S, Fifi-Mah A, Hazlewood G, Barber CEH. Title: A scoping review of shared care models for rheumatoid arthritis with patient-initiated follow-up. *Seminars in Arthritis & Rheumatism*.

Cressman S, Ghanbarian S, Peterson S, Edwards L, Bunka M, **Hoens AM**, Riches L, Austin J, Vijn R, McGrail K, Bryan S. The costs of major depressive disorder and distribution of financial protection in British Columbia. *Canadian Medical Journal*.

Ghanbarian S, Wong GWK, Bunka M, Edwards E, Cressman S, Conte T, Price M, Schuetz C, Riches L, Landry G, Erickson D, McGrail K, Peterson S, Vijn R, **Hoens AM**, Austin J, Bryan S. Exploring the value of pharmacogenomic-guided treatment for major depression: a model-based economic analysis.

Braganca Rodrigues I, Fahim C, Garad Y, Pousseau J, **Hoens AM**, Braimoh J, Duncan D, Bruyn-Martin L, Straus S. Developing the intersectionality supplemented Consolidated Framework for Implementation Research (CFIR) and tools for intersectionality considerations. *BMC Medical Research Methodology*.

Roberts L, **Hoens AM**, Gelisanga MAP, Martial Capo-Chichi, Melo S. Evidence-informed clinical decision-making: Let's dance.

Leese J, Tran B.C., MacDonald G, Wong R, Backman C.L., Townsend AF, Davis A, Jones A, Gromala D, Avina-Zubieta J.A., **Hoens AM**, Li, LC. A Qualitative Study of Facilitators and Barriers to Arthritis Patients' Use of Physical Activity Monitoring Tools from their Perspectives

Macdonald G.G., Leese J., Backman C.L, Townsend A, Davis A, Wong R, Jones A, Gromala G, Gromala D, Avina-Zubieta J.A, **Hoens AM**, Li LC. Use of Mobile and Wearable Physical Activity Monitoring Tools in Rehabilitation Practice for Patients with Arthritis: The Healthcare Professional Perspective.

Harrison D, Brasher P MA, Eng JJ, Harris D, **Hoens AM**, Khazei A, Yao J, Abu-Laban. Hyperbaric Oxygen Post Established Stroke (HOPES): A Randomized Placebo Controlled Trial.

Invited Presentations (5)

- 2022 Arthritis Research Canada – Trainee Day: Shaping & Sharing your Research Findings Oct 12 (2 hrs)
- 2022 C2E2: Sharing Research Findings With Intended Audiences. Tips for researchers / trainees. Oct 4 (1 hr)
- 2022 BC Physiotherapy Conference – Long COVID: Public and private practice perspectives Apr 30 (1 hr)
- 2022 KT Connects – 17 years: The origin, evolution and relevance Apr 22 (1 hr)
- 2022 Arthritis Research Canada Research Webinars: The Evidence on How to Share Evidence. Mar 18 (1 hr)

Conference Participation (2)

- 2022 KT Canada Conference. Poster presentation & Attendee. May 4-6. 14 hours
- 2022 BC Physiotherapy Conference Panel presentation & Attendee Apr 30. 6 hr

Awards

- 2022 **Physiopedia Best Project Award** <https://www.physiospot.com/2022/09/06/physiopedia-awards-2022-celebrating-outstanding-contributions/>

Service/Committees

- 2022 Advisory Search Committee – Head, UBC Dept of PT
- 2017 – present SPOR Evidence Alliance
- 2021 – present BC SUPPORT Unit Advisory Council
- 2018 - present Member, ACTion Council – a global, patient-led initiative for patient- engagement in rheumatology research.
- 2016 - present MSFHR Review Panel member: Convening and Collaborating Grant
- 2014 - present Provincial KT Training Pathway Advisory Group – Michael Smith Health Research BC
- 2015 – present UBC Continuing Professional Development Collaborative Advisory Committee
- 2008 – present UBC Faculty of Medicine, Dept of Physical Therapy Appointments/Promotions / Reappointment Committee
- 2008 – present UBC Physical Therapy Departmental Clinical Faculty Committee

Continuing Education (21)

- Dec 2022 Stylish Academic Writing Workshop #3: Practical Tips for Grant Writing Dec 8 (2 hrs)
- Dec 2022 Non-Academic Careers With Impact: Implementation Positions You Never Knew Existed (Dec 2) 1 hr

PHYSICAL THERAPY KNOWLEDGE BROKER REPORT 2022

Dec	2022	Putting evidence at the centre of everyday life (Dec 2) 1 hr
Nov	2022	Learning Health Systems in Canadian Contexts (Nov 30) 1 hr
Nov	2022	Social Media: How to Use Data and Analytics (Nov 16) 1 hr
Nov	2022	Stylish Academic Writing Workshop #2: Writing With Impact (Nov 16) 2 hrs
Oct	2022	Centering Equity, Diversity, Inclusion, and Reconciliation in Organizations and Community-wide Change. (Oct 26) 1 hr
Oct	2022	Stylish Academic Writing Workshop #1: 'Setting Yourself Up For Successful Academic Writing' (Oct 18) 2 hrs
Oct	2022	KT Connects: Co-design research methods with community partners—benefits and challenges" (Oct 7) 1 hr
Sept	2022	Team Research Forum: The Problem of the 17-year Research Gap - Multidisciplinary Perspectives (Sept 23) 1 hr
Sept	2022	Cy Frank Lectureship: Putting Science into Action – Why Not Now? (Sept 22) 1 hr
Sept	2022	StrategEase: A Free Tool for Changemakers (Sept 20) 1 hr
June	2022	How can health economic models best reflect patient and public values? (June 14 & 15) 4 hrs.
June	2022	Quality of Health Care in Canada: A Systematic Review of Inappropriately Used Clinical Practices (June 1) 1 hr
May	2022	Supporting the Implementation Support Practitioner: Identifying & Mitigating Role Related Challenges. (May 12) 2 hrs
Apr	2022	Diversity, Equity, Inclusion Workshop - DEI 101 Foundations. (Apr 14 & 28) 6 hrs
Apr	2022	Using consensus to build clinical practice and clinical research capacity (Apr 11) 1 hr
Apr	2022	Out of the Weeds – Cannabis in care (April 4) 2 hr
Mar	2022	Queer Competency Training (QCT) for Arthritis Research Canada (Mar 24) 2 hr
Jan	2022	KT Connects: Knowledge Translation and Communications: What's the difference? (Jan 28) 1 hr
Jan	2022	Quality of Health Care in Canada: A Systematic Review of Inappropriately Used Clinical Practices. (Jan 14) 1 hr

Key new partnerships / opportunities

Indigenous community(ies) engagement in research

Development of new knowledge/skills

Enhanced online facilitation skills

Knowledge & skills in development of knowledge products informed by a scoping review of the literature on information formats and data visualizations

Training in equity, diversity, inclusion

Focus for 2023

- Complete update & commence dissemination of TJAOM Toolkit
- Continue to advance the development of Digital Directions
- Nurture relationship and establish PT KB facilitated project for BC indigenous community(ies)
- Complete VEIP project – survey, interviews and analysis; submit manuscript
- Continue mentoring of PT KB Co-partner
- Build relationships to catalyze an PT KB facilitated project for indigenous communities