

## ADRIANA ANGARITA FONSECA

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### EDUCATION

- 2020/11 - present** **Postdoctoral Fellow in Chronic Pain Epidemiology.** Université du Québec en Abitibi-Témiscamingue, Rouyn Noranda, Quebec, Canada; Centre de recherche du Centre hospitalier de l'Université de Montréal, Montréal, Quebec, Canada
- 2015-2021** **PhD** in Community and Population Health Sciences. Thesis title: *Physical activity and chronic back disorders in Canadian adults*. Supervisors: Dr. Catherine Trask, Dr. Brenna Bath. University of Saskatchewan, Saskatoon, Saskatchewan, Canada
- 2012-2014** **MSc** in Statistics (Honors). Thesis title: *[Ordinal logistic regression under complex sampling: factors associated with the nutritional status of Chilean children, 2011]*. Supervisors: Dr. Carlos Roldan, Dr. Claudia Navarro. Universidad de Valparaiso, Valparaiso, Chile
- 2006-2010** **MSc** in Epidemiology. Thesis title: *[Evaluation of the reliability of the International Physical Activity Questionnaire (IPAQ) and the Global Physical Activity Questionnaire (GPAQ) among adults in an urban area of Bucaramanga]*. Supervisor: MSc. Myriam Orostegui. Universidad Industrial de Santander, Bucaramanga, Santander, Colombia.
- 1997-2001** **BSc** in Physiotherapy. Thesis title: *[Evaluation of the effect of some technical and physiological factors on latency and nerve conduction velocity: a systematic review]*. Supervisors: Dr. Esperanza Herrera, MSc. Diana Camargo. Universidad Industrial de Santander, Bucaramanga, Santander, Colombia

### EMPLOYMENT EXPERIENCE

- 2012- present** **Associate Researcher,** Physiotherapy Program, Universidad de Santander, Bucaramanga, Santander, Colombia.
- 2016-2020** **Deemed employee, Research Data Analyst.** Canadian Research Data Centre Network, Saskatoon, Saskatchewan, Canada
- 2015-2018** **Research Assistant,** School of Rehabilitation Sciences, Ergonomics Lab, University of Saskatchewan, Saskatoon, Saskatchewan, Canada.
- 2015** **Assistant Professor,** Education, Culture, Recreation and Sports Program, Universidad Santo Tomas, Bucaramanga, Santander, Colombia.
- 2010-2012** **Associate Professor,** Physiotherapy Program, Universidad de Santander, Bucaramanga, Santander, Colombia.
- 2007-2012** **Lecturer,** School of Physiotherapy, School of Nutrition, School of Public Health, Universidad Industrial de Santander, Bucaramanga, Santander, Colombia
- 2005-2006** **Physiotherapist,** Private clinic – Full-time, Yudy Xiomara Florez Gamboa Clinic, Bucaramanga, Santander, Colombia
- 2003-2005** **Physiotherapist,** Private clinic – Part-time, Maria Magreth IPS Clinic, Bucaramanga, Santander, Colombia
- 2003** **Physiotherapist,** Private clinic – Full-time, COFISALUD IPS, San Andres, Santander, Colombia

2002 **Physiotherapist**, Private clinic – Full-time, Centro Medico y Clinica Carlos Ardila Lulle, Floridablanca, Santander, Colombia

## HONOURS/DISTINCTIONS

Year	Title	Amount CAD
2021	<b>Second place of the Physiotherapy and Kinesiology Latin American Faculty Research Award.</b> <i>[Continuing education workshops and professional networking among rehabilitation workers of Honduras]</i> . International conference: X Encuentro Latinoamericano de Academicos en Fisioterapia y kinesiologia. Medellín, Colombia. A paper competition among Latin-American senior researchers with a double-blind peer reviewed policy.	0
2021	<b>First prize of the best poster competition.</b> <i>[Prevalence of Cannabis Use: A post-legalization survey in a community sample of people living with chronic pain]</i> . 11th edition of the annual Colloquium of the Réseau Québécois de Recherche sur les Médicaments (RQRM).	0
2019	<b>Second place of the Physiotherapy and Kinesiology Latin American Faculty Research Award.</b> <i>[Capacity building in rehabilitation in Honduras through workshops: an international collaboration strategy]</i> . International conference: IX Encuentro Latinoamericano de Academicos en Fisioterapia y kinesiologia. Barranquilla, Colombia. A paper competition among Latin-American senior researchers with a double-blind peer reviewed policy.	0
2018	<b>First prize of the best poster competition.</b> <i>[Knowledge and attitudes towards physical activity among family members and caregivers of children and adolescents with Down Syndrome]</i> . IV International Meeting on Research and Experiences in Disability. Bucaramanga, Colombia.	0
2018	<b>Universidad de Santander Achievement Award</b> This award recognizes researchers for having obtained the <i>Senior Researcher Category</i> in the Colombian Administrative Department of Science, Technology and Innovation (COLCIENCIAS). Bucaramanga, Colombia	0
2017	<b>Second prize of the best paper competition.</b> <i>[The Effects of Phase III and IV Cardiac Rehabilitation: A Systematic Review]</i> . International conference: VI Congreso de Solacur, V congreso internacional de rehabilitación cardiopulmonar y II concurso de investigadores cardiopulmonares. Cusco, Peru	0
2015	<b>Winner of the Best Paper Presentation Competition.</b> <i>[Family influences on body mass index in low-income pre-kindergarten students of Floridablanca, Colombia]</i> . National conference: XII Congreso Peruano de Nutrición. Sociedad Peruana de Nutrición. Lima, Peru.	0
2011	<b>Physiotherapy Program Achievement Award</b> Universidad de Santander, Bucaramanga, Colombia This award recognizes outstanding faculty who have made significant contributions to research in physiotherapy.	0
2011	<b>Winner of the Best Research Report Award.</b> <i>[Reliability of the Chair sit-and-reach test to assess flexibility in older people]</i> . International conference: III Seminario Internacional de Movimiento Corporal Humano, Universidad de la Sabana. Bogota, Colombia	0
2011	<b>Winner of the Best Paper Presentation Competition.</b> <i>[An approximation to the health and education reality of disabled people from Los Santos, Santander. 2010-</i>	0

2011]. International conference: II Simposio Internacional III Nacional de Investigación en Fisioterapia, Universidad Manuela Beltrán. Bogota, Colombia

## SCHOLARSHIPS

Year	Title	Amount CAD
2021	<b>CAPT's 25th Anniversary Scholarship for Early Career Investigator or Leader.</b> The Canadian Association for Population Therapeutics/ Association Canadienne pour la Thérapeutiques des Populations (CAPT- ACTP). A competition among applicants who completed a graduate program at a recognized Canadian academic institution and who have demonstrated exceptional academic achievement, the ability to innovate and/or lead within their respective program/academic institution/professional environment; based on an one letter of support, CV, and written statement.	2,500
2021-2023	<b>Postdoctoral Training Award 2021-2022 (Citizens of other countries),</b> Fonds de recherche du Québec – Santé (FRQS). <i>Le projet PAIR - Exploiter le Registre québécois de la douleur et les bases de données administratives de la santé du Québec pour étudier l'utilisation réelle des opioïdes.</i>	90,000
2018-2019	<b>Founding Chairs Fellowship</b> Canadian Centre for Health and Safety in Agriculture (CCHSA), University of Saskatchewan, Saskatoon, Canada A competition among students pursuing a Ph.D. program under a supervisor associated with the CCHSA; based on an application outlining thesis project supports the Centre's mission, CV, and reference letters.	10,000
2017-2018	<b>CoMGRAD Scholarship</b> College of Medicine, University of Saskatchewan Competitive among students pursuing a Ph.D. program who have demonstrated academic and research excellence; based on an application outlining thesis project, CV, and reference letters.	54,000
2017-2018	<b>Founding Chairs Fellowship</b> Canadian Centre for Health and Safety in Agriculture (CCHSA), University of Saskatchewan, Saskatoon, Canada	5,000
2016-2017	<b>Founding Chairs Fellowship</b> Canadian Centre for Health and Safety in Agriculture (CCHSA), University of Saskatchewan, Saskatoon, Canada	10,000
2016-2017	<b>Community Health and Epidemiology Devolved Scholarship.</b> Declined. College of Medicine, University of Saskatchewan, Saskatoon, Canada A competition among students pursuing a Ph.D. program; based on an application outlining thesis project, CV, and reference letters.	20,000
2015-2016	<b>Founding Chairs Fellowship</b> Canadian Centre for Health and Safety in Agriculture (CCHSA), University of Saskatchewan, Saskatoon, Canada	6,500
2015-2016	<b>Community Health and Epidemiology Devolved Scholarship</b> College of Medicine, University of Saskatchewan, Saskatoon, Canada Competitive among students pursuing a Ph.D. program; based on an application outlining thesis project, CV, and reference letters.	20,000

2014	<b>COLCIENCIAS National Doctoral Program Scholarship.</b> (Declined). Colombian Administrative Department of Science, Technology and Innovation (COLCIENCIAS). Call 647/2014 for applications. A competition among Colombian pursuing a Ph.D program in Colombian Universities; based on CV.	62,000
2012-2014	<b>Tuition Reduction Scholarship</b> Universidad de Valparaiso, Valparaiso, Chile 50% of tuition reduction was awarded based on academic excellence.	4,000
2006	<b>Universidad Industrial de Santander Graduate Scholarship.</b> Based on academic excellence.	5,000

**TRAVEL AWARDS**

Year	Title	Amount CAD
2022	<b>Meeting Travel Award. Quebec Pain Research Network</b>	1000
2021	<b>Meeting Travel Award. Quebec Pain Research Network</b>	1000
2020	<b>Libin International Trainee Symposium: Research is Better with Sex and Gender Travel Award</b>	1000
2019	<b>Saskatchewan Epidemiology Association Travel Award</b>	75
2019	<b>Canadian Research Data Centre Network National Conference Student Travel Grant</b>	510
2019	<b>Global Health Travel Award University of Saskatchewan (declined)</b> This fund was intended to offset travel costs for a global health experience in Honduras to build capacity in research methods to faculty in rehabilitation sciences in April 2020.	2,000
2018	<b>CIHR National Research Poster Presentation Travel Award</b> Top 5% of graduate students in health sciences were selected for participation on the nominations received from graduate student administrators at Canadian universities. Winnipeg, Canada.	1,000
2017	<b>CIHR National Research Poster Presentation Travel Award</b>	1,000
2016	<b>Canadian Association for Research on Work and Health (CARWH) Student Travel Award</b> A competition among students presenting a poster in the CARWH 2016: Advancing Research to Improve Work and Health, Toronto, Canada	950
2016	<b>Canadian Society for Epidemiology and Biostatistics Student Travel Award</b> A competition among students presenting a poster in the 2016 Canadian Society for Epidemiology & Biostatistics (CSEB) National Student Conference. Winnipeg, Canada	300

**GRANTS AWARDED**

Principal Investigator= PI; Co-Investigator = Co-I; Collaborator=C; P=Patient-partner.

Year	Researchers/Project Title/Funding Agency	Amount CAD
2022	Lacasse A (PI), Zahlan G (Co-I), Godbout-Parent M (Co-I), Zerriouh M (Co-I), Desrosiers J (Co-I), Audet C (Co-I), Nguena Nguetack HL (Co-I), Julien N (Co-I), El-Haouly A (Co-I), Beaudoin S (P), <b>Angarita-Fonseca A</b>	10,000

	(Co-I), De Clifford-Faugères (Co-I). <i>Développement d'outils d'information et de sensibilisation personnalisés pour une meilleure autogestion de la douleur chronique dans la communauté universitaire de l'UQAT</i> . Subventions de recherche et de création – FIRC/FUQAT (2022-2023)	
2021	<b>Angarita-Fonseca A (PI)</b> , Trask C (Co-I), Bath B (Co-I). The CRDCN Emerging Scholars Grant. <i>Physical activity and chronic back disorders in Canadian adults</i> . Canadian Research Data Centre Network, Canada.	1,000
2021-2022	Jacome-Hortua AM (PI), Rincon-Rueda Z (Co-I), Villamizar CJ (Co-I), Sanchez-Ramirez DC (C), <b>Angarita-Fonseca A (C)</b> . <i>Evaluation of an educational intervention in cardiac rehabilitation using WhatsApp: a randomized controlled clinical trial</i> . Universidad de Santander, 2020 Call for research proposals.	27,000
2019-2020	Gomez-Diaz IC (PI), Uribe-Calderon LM (Co-I), Pedrozo-Araque E. (Co-I), Busch A (Co-I), Lovo S (Co-I), Premkumar K (Co-I), <b>Angarita-Fonseca A (Co-I)</b> , Hijuelos ML (C), Bidonde J (C), Basualdo M (C). <i>Building Capacity in Rehabilitation in Honduras through Community Based Workshops</i> . Universidad de Santander, 2018 Call for research proposals.	15,432
2019-2020	Sanchez-Delgado JC (PI), Jacome-Hortua A (Co-I), Rincon Z (Co-I), Villamizar J (Co-I), Ortiz A, (Co-I) Grace S (Co-I), <b>Angarita-Fonseca A (C)</b> . <i>Reliability of the Scale of Barriers for Cardiac Rehabilitation in the Colombian Population</i> . Universidad de Santander, 2017-2018 Call for research proposals.	19,000
2015-2016	Gomez Diaz IC (PI), Cabrales MP (Co-I), Martinez-Marin RdP (Co-I), <b>Angarita-Fonseca A (Co-I)</b> . [Effects of muscular strength of lower limbs on spasticity, gait, and functionality in post-stroke patients]. Universidad de Santander, Colombia. 2014 Call for research proposals.	3,900
2013-2014	Lozano WM (PI), Jacome A (Co-I), <b>Angarita-Fonseca A (C)</b> . [Factors associated with extubation failure in an adult intensive care unit in Bucaramanga, Colombia]. Universidad de Santander, Colombia. 2013 Call for research proposals.	10,140
2012-2014	Herrera, Elizabeth (PI); Martinez Marin (Co-I), Rocio del Pilar (Co-I); <b>Angarita Fonseca, Adriana (Co-I)</b> . [Association of nutritional status and level of gross motor function in children aged 2 to 12 years with cerebral palsy, living in Bucaramanga and its metropolitan area]. Colombian Administrative Department of Science, Technology and Innovation (COLCIENCIAS). Call 545, 2011 for research proposals.	59,000
2011-2102	Prada G (PI), Martinez A (Co-I), Rangel C (Co-I), Betancourt MV (Co-I), <b>Angarita-Fonseca A (Co-I)</b> . [Factors associated with obesity among children aged 3 to 6 years in public child care centers in the Municipality of Floridablanca]. Universidad Industrial de Santander.	1,000
2011-2012	Boneth-Collante M (PI), <b>Angarita Fonseca A (Co-I)</b> , Ariza-Garcia CL (Co-I), Hijuelos-Cardenas ML (Co-I). [Validity of the Back Saver Sit and Reach test to assess flexibility of the lower limbs in schoolchildren in Bucaramanga]. Universidad de Santander, 2011 Call for research proposals.	1,500
2011-2012	Carreño LM (PI), <b>Angarita-Fonseca A (Co-I)</b> . [Association between quality of life health-related and urinary incontinence in women from the urban area of Bucaramanga]. Universidad de Santander, 2011 Call for research proposals.	1,000
2011-2013	Pinzon MI (PI), Niño D (Co-I), Ramirez P (Co-I), <b>Angarita-Fonseca A (Co-I)</b> . [Effectiveness of an educational intervention to increase compliance with the	1,500

requirements of habilitation in the physical and respiratory therapy services of Bucaramanga city]. Universidad de Santander, 2011 Call for research proposals.

- 2010-2011** Boneth-Collante M (PI), **Angarita-Fonseca A (Co-I)**, Ariza-Garcia CL (Co-I). [Test-retest reliability of the Senior Fitness Test Battery to evaluate functional capacity in older adults in Bucaramanga]. Universidad de Santander, 2010 Call for research proposals. 2,200
- 2010-2011** Hijuelos-Cardenas ML (PI), **Angarita-Fonseca, A (Co-I)**, Criado L (Co-I), Martinez-Marin RdP (Co-I). [Prevalence and characterization of disability in a rural and urban population of the municipality of Santos]. Universidad de Santander, 2010 Call for research proposals. 1,300

## SUPERVISORY EXPERIENCE

### *Undergraduate Student Supervision Completed [n=60]*

<i>Year (# of students)</i>	<i>Student's surname and name initials. Thesis Title. Program. Co-supervisor with/Role. University, Country</i>
2018 (n=1)	Cogollos-Jimenez JA. [Qualitative characteristics of the walking pattern in patients with sequelae of vascular brain disease using the gait assessment and intervention tool - G.A.I.T. test. A pilot study in Bucaramanga 2017-2018]. Bachelor in Physiotherapy. Co-supervised with MSc. Gomez Diaz IC. Universidad de Santander, Colombia
2018 (n=4)	Aragon Acosta JM, Camargo Jaimes J, Navas-Caceres LD, Rincon-Orozco LM. [Association of aggressive behaviours and physical activity in adolescents aged 12 to 17 of an educational institution of the municipality of Floridablanca]. Bachelor in Physiotherapy. Co-supervised with MSc. Cabrales MP, and MSc Torres JI. Universidad de Santander, Colombia
2016 (n=2)	Prada Sanabria LN, Reyes Moreno LF. [Inter-rater reliability of the Ashworth Scale to assess muscle tone in lower limbs of post-stroke patients, Bucaramanga, 2015-2016]. Bachelor in Physiotherapy. Co-supervised with MSc. Gomez-Diaz IC. Universidad de Santander, Colombia
2016 (n= 2)	Vargas-Saavedra AJ, Vieco-Sierra JC. [Burnout level of the main caregivers of people with disabilities in the municipality of Floridablanca, 2016]. Bachelor in Physiotherapy. Co-supervised with MSc. Pinzon MI. Universidad de Santander, Colombia
2016 (n= 4)	Franco-Pico MY, Camargo-Sepulveda DC, Cardona-Zapata A, Santos-Blanco LM. [The effects of phase III and IV cardiac rehabilitation: A Systematic Review]. Bachelor in Physiotherapy. Co-supervised with MSc. Sanchez JC. Universidad de Santander, Colombia
2016 (n=2)	Cuadros BH, Hernandez-Pereira P. "[Effect of the Kinesio-taping, splint or combined use in patients with cerebral palsy, 2016: A Systematic review:]". Bachelor in Physiotherapy. Co-supervised with MSc. (c) Luz Stella Echeverria, Universidad de Santander, Colombia
2016 (n=4)	Osma-Lopez ST, Rincon-Jimenez K, Gamboa-Sierra D, Ramirez-Torres Y. [Effect of flow restriction on the transverse diameter and isometric strength of quadriceps, and functionality in healthy adult women of the University of Santander, Bucaramanga, 2016]. Bachelor in Physiotherapy. Co-supervised with MD Julian Dario Figueroa Suarez. Universidad de Santander, Colombia
2015 (n=2)	Suarez-Lopez C, Vanegas-Pallares L. [Quality of life in people who attended or not a cardiac rehabilitation program after a percutaneous revascularization in the Comuneros University Hospital,

- 2014-2015]. Bachelor in Physiotherapy. Co-supervised with MSc. Sanchez JC. Universidad de Santander, Colombia
- 2015 (n=2) Ramirez-Villalba C, Fernandez-Suarez A. [*Prevalence of non-specific low back pain in students of the UDES physiotherapy program, Bucaramanga, first semester of 2015*]. Bachelor in Physiotherapy. Co-supervised with MSc. Martinez-Marin RdP. Universidad de Santander, Colombia
- 2015 (n=4) Buitrago-Quintero G, Cipagauta-Fernandez ID, Sanchez-Vera DC, Acosta-Nieves L. [*Effectiveness of early mobilization on functionality, quality of life and length of stay in adults in intensive care units: a systematic review*]. Bachelor in Physiotherapy. Co-supervised with MSc. Rivera S. Universidad de Santander, Colombia
- 2015 (n=4) Ramirez-Rondon F, Mendoza Reatiga E, Caceres-Romero DS, Bohorquez-Camargo J. Bachelor in Physiotherapy. [*Test-retest reliability of the Fitnessgram Battery in schoolchildren of the technical institute La Cumbre, 2015*]. Co-supervised with MSc. Ariza-Garcia CL, Universidad de Santander, Colombia
- 2015 (n=4) Sanchez-Perez M, Vargas-Mogollon Y, Rojas-Ariza M, Mendoza-Loaiza J. [*Reliability of the DASH and QUICK-DASH in patients with rotator cuff injury in Bucaramanga and its metropolitan area, 2015*]. Bachelor in Physiotherapy. Co-supervised with PT. Aguirre-Aguirre CL. Universidad de Santander, Colombia
- 2015 (n=4) Martinez-Ibarra D, Sanchez-Vargas S, Suarez-Rodriguez L, Cobos-Vega M. [*Content validity of the formative practice evaluation tools of the physiotherapy program, Universidad de Santander, 2015*]. Bachelor in Physiotherapy. Co-supervised with MSc. Boneth-Collante M, Universidad de Santander, Colombia
- 2015 (n=2) Cardenal-Daza JE, Quintero-Salas EdJ. [*Evaluation of VO2max and body composition in pre-juvenile soccer players of the Comfenalco Soccer Academy, 2015*]. Bachelor in physical culture, recreation and sports. Co-supervised with Kin. Fausto Alarcon Quigua. Universidad Santo Tomas, Santander, Colombia
- 2015 (n=2) Sanchez-Vasquez JE, Gutierrez-Forero GA. [*Evaluation of a Physical Preparation Training Program based on the Accumulation, Transmutation and Realization Planning Model in Pre-Junior Players, Category 1999, of the Soccer Academy of Comfenalco Santander*]. Bachelor in physical culture, recreation and sports. Principal supervisor. Universidad Santo Tomas, Santander, Colombia
- 2014 (n=1) Cabezas-Palencia V. [*Effectiveness of virtual reality systems in the rehabilitation of the upper extremity in adults with acquired brain injury: A systematic review*]. Bachelor in Physiotherapy. Co-supervised with MSc. Martinez-Marin RdP. Universidad de Santander, Colombia
- 2014 (n=1) Fillippo-Angulo AG. Bachelor in Physiotherapy. [*Access to physiotherapy, speech therapy and/ or occupational therapy services in the licensed health care institutions of Bucaramanga 2014*]. Co-supervised with MSc. Gomez Diaz IC, Universidad de Santander, Colombia
- 2013 (n=2) Alarcon-Roman ZY, Osma-Chapeta MG. Bachelor in physical culture, recreation and sports. [*Evaluation of the knowledge on healthy housing of a group of parents of the district four of Bucaramanga, 2012*]. Co-supervised with MSc. Sanchez JC. Universidad de Santander, Colombia
- 2012 (n=2) Corredor J, Villamizar A. [*Association between backpack weight and non-specific Low Back Pain in schoolchildren between 7 to 12 years of two schools of Bucaramanga, 2012*]. Bachelor in Physiotherapy. Principal Supervisor. Universidad de Santander, Colombia
- 2012 (n=1) Navas K. [*Households characterization of a rural and urban disabled population of the municipality "Los Santos", Santander in the period 2010 - 2011*]. Bachelor in Physiotherapy. Academic Advisor. Universidad de Santander, Colombia

- 2012 (n=2) Mora-Afanador C, Mora-Londoño KM. [*Academic and professional profile of physiotherapy alumni of the University of Santander, Bucaramanga, in the 2005 to 2010 cohorts*]. Bachelor in Physiotherapy. Academic Advisor. Universidad de Santander, Colombia
- 2011 (n=4) Angarita-Carrascal YT, Gomez-Hirreno EM, Monsalve-Moreno GA, Rojas-Santisteban RN. [*Test- retest reliability of the Senior Fitness Battery to assess functional fitness in older adults of Bucaramanga*]. Bachelor in Physiotherapy. Co-supervised with MSc. Boneth-Collante MC. Universidad de Santander, Colombia

**Master Student Supervision in Progress [n=1]**

**Year (# of students) Student's surname and name initials. Thesis Title. Program. Co-supervisor with/Role. University, Country**

- 2019-2022 (n=1) Niño DM. [*Severity of disabilities in people affected by Hansen's disease in Santander, Colombia*]. MSc in Statistics. Co-supervisor with Daira Velandia, Universidad de Santander

**Master Student Supervision Completed [n=11]**

**Year (# of students) Student's surname and name initials. Thesis Title. Program. Co-supervisor with/Role. University, Country**

- 2021 (n=2) Torres JI, Pinilla C. [*The current state of physiotherapy research: analysis of scientific and technological capabilities in Colombia*]. MSc in Science, Technology and Innovation Management. Principal Supervisor, Universidad de Santander, Colombia
- 2021 (n=1) Borrero L. [*Factors associated with the participation in prenatal controls among pregnant women who had a childbirth in Floridablanca institutions, Santander, 2017*]. MSc in Health Services Management. Co-supervisor with Martinez-Marin Rdp, Universidad de Santander, Colombia
- 2019 (n=2) Larios- Martinez B, Echeverria-Avellaneda LS. [*Association between motor development and learning in children from 2 to 5 years from centres of children's development of Bucaramanga. 2018 - 2019*]. MSc in Early Childhood. Co-supervisor with Lic. Camargo-Abello M. Universidad de Santander/Fundacion Centro Internacional de Educacion y Desarrollo Humano, Colombia
- 2015 (n=1) Serrano Larrota AP. [*Levels of User Satisfaction in the Area of Ambulatory Surgery of the Fundación Oftalmológica de Santander (FOSCAL Internacional) Floridablanca, 2015*]. MSc in Health Services Management. Principal supervisor. Universidad de Santander, Colombia
- 2015 (n=1) Carrascal V. [*Effectiveness of Applied Behaviour Analysis (ABA)therapy in children from 5 to 16 years diagnosed with autism spectrum disorder (ASD) during 6-month in a health institution of Cucuta, 2015*]. MSc in Health Services Management. Co-supervised with MSc. Uribe JC. Universidad de Santander, Colombia
- 2015 (n=1) Pinzon-Ochoa MI. [*Socioeconomic determinants of access to primary prevention, outpatient care, and emergency in Colombia: A secondary analysis of the National Survey of Quality of Life, 2013*]. MSc in Health Services Management. Co-supervised with Martinez Marin Rdp. Universidad de Santander, Colombia
- 2014 (n=1) Pinzon-Rios ID. [*Effects of a functional core training program on strength, pain, health-related quality of life and physical activity level among women with fibromyalgia living in Bucaramanga*]. MSc. in Physical Activity and Sports Sciences. Co-supervisor with MSc. Correa-Pérez EA, Universidad de Pamplona, Colombia
- 2013 (n=2) Martinez Marin, Rocio del Pilar; Bueno-Balaguer, Luz Amanda. [*Factors associated with access to physical therapy, speech therapy or occupational therapy services in people with cerebral palsy*



*from Bucaramanga and the metropolitan area*]. MSc in Health Services Management.  
Principal supervisor. Universidad de Santander, Colombia

## TEACHING EXPERIENCE

Colombian courses [Term 1 (T1): February-May; Term 2 (T2): August-November]  
Canadian courses [Winter; Spring]

### Graduate Level

- Spring 2019 **Invited Lecturer**, *CHEP 898: Complex Survey Data Analysis*, MSc/PhD. Community Health and Epidemiology Department, University of Saskatchewan
- Spring 2016; Spring 2017; Spring 2018 **Teaching Assistant, Invited Lecturer**, *PTH862-Evidence-Based Practice II - Epidemiological research*, MSc in Physical Therapy, University of Saskatchewan
- Winter 2017, Winter 2020 **Teaching Assistant**, *CHEP805-Biostatistics I*, MSc/Ph.D. Community Health and Epidemiology Department, University of Saskatchewan
- 2015-T1 **Instructor**, *Research III*, Specialty clinical degree in Oral Rehabilitation, Universidad Santo Tomas, Floridablanca, Santander, Colombia
- 2015-T1 **Instructor**, *Research Thesis Seminar*, Specialty clinical degree in Oral Rehabilitation, Universidad Santo Tomas, Floridablanca, Santander, Colombia
- 2015-T1 **Co-Instructor**, *Research I - Biostatistics*, Master's Degree in Dental Science, Universidad Santo Tomas, Floridablanca, Santander, Colombia

### Undergraduate level

- 2020-T1; 2020-T2; 2021-T1 **Invited lecturer**, *Research Project II*, Physiotherapy Program, Universidad de Santander, Colombia. Topic: Data entry using Epidata 3.1.
- 2015-T1 **Instructor**, *Research I*, Bachelor in physical culture, recreation and sports, Universidad Santo Tomas, Floridablanca, Santander, Colombia
- 2015-T1 **Instructor**, *Research II*, Bachelor in physical culture, recreation and sports, Universidad Santo Tomas, Floridablanca, Santander, Colombia
- 2011-T2 **Co-Instructor**, *Medical Foundations II*, School of Public Health, Universidad Industrial de Santander, Santander, Colombia
- 2010-T2; 2011-T1; 2011-T2; 2012-T1 **Co-Instructor**, *Research component of the Integrated Practicum I*, School of Nutrition and Diet, Universidad Industrial de Santander, Colombia
- 2011-T1; 2011-T2; 2012-T1 **Co-Instructor**, *Research component of the Integrated Practicum II*, School of Nutrition and Diet, Universidad Industrial de Santander, Colombia
- 2011-T1; 2011-T2; 2012-T1 **Co-Instructor**, *Research component of the Integrated Practicum III*, School of Nutrition and Diet, Universidad Industrial de Santander, Colombia
- 2011-T1; 2011-T2; 2012-T1 **Co-Instructor**, *Research component of the Integrated Practicum IV*, School of Nutrition and Diet, Universidad Industrial de Santander, Colombia
- 2010-T2; 2011-T1; 2011-T2; 2012-T2 **Instructor**, *Research Project I*, Physiotherapy Program, Universidad de Santander, Colombia
- 2010-T2; 2011-T1; 2011-T2; 2012-T2 **Instructor**, *Research Project II*, Physiotherapy Program, Universidad de Santander, Colombia
- 2010-T2; 2011-T1; 2011-T2; 2012-T2 **Instructor**, *Research Thesis*, Physiotherapy Program, Universidad de Santander, Colombia
- 2010-T2 **Instructor**, *Epidemiology*, Health Science Department, Universidad de Santander,

	Colombia
2010-T1	<b>Co-Instructor</b> , <i>Biometrics</i> , School of Public Health, Universidad Industrial de Santander, Santander, Colombia
2008-T1; 2008-T2	<b>Instructor</b> , <i>Critical Epidemiology</i> , Bachelor in nursing, Fundacion Universitaria de S Gil, San Gil, Santander, Colombia
2008-T1; 2008-T2	<b>Instructor</b> , <i>Basic Epidemiology</i> , Bachelor in nursing, Fundacion Universitaria de Sar Gil, San Gil, Santander, Colombia
2008-T2	<b>Co-instructor</b> , <i>Research Thesis Seminar I</i> , School of Physiotherapy, Universidad Industrial de Santander, Santander, Colombia
2009-T1	<b>Co-instructor</b> , <i>Research Thesis Seminar II</i> , School of Physiotherapy, Universidad Industrial de Santander, Santander, Colombia
2008-T1;	<b>Co-instructor</b> , <i>Research II</i> , School of Physiotherapy, Universidad Industrial de Santander, Santander, Colombia
2007-T2;	<b>Co-instructor</b> , <i>Research I</i> , School of Physiotherapy, Universidad Industrial de Santander, Santander, Colombia
2007-T1; 2007-T2; 2008-T1; 2008-T2; 2009-T1; 2009-T2; 2010-T1; 2010-T2; 2011-T1	<b>Instructor</b> , <i>Analytical epidemiology</i> , School of Public Health, Universidad Industrial Santander, Santander, Colombia
2007-T2; 2008-T2; 2009-T1; 2009-T2	<b>Clinical Educator</b> , <i>Musculoskeletal Component of the Clinical Practice I</i> , School of Physiotherapy, Universidad Industrial de Santander, Santander, Colombia
2007-T1; 2008-T1; 2009-T1; 2009-T2	<b>Clinical Educator</b> , <i>Musculoskeletal Component of the Clinical Practice II</i> , School of Physiotherapy, Universidad Industrial de Santander, Santander, Colombia
2007-T1	<b>Co-Instructor</b> , <i>Musculoskeletal Component of the Physiotherapeutic Intervention</i> , School o Physiotherapy, Universidad Industrial de Santander, Santander, Colombia
2007-T2	<b>Co-Instructor</b> , <i>Medical Foundations II</i> , School of Public Health, Universidad Industrial de Santander, Santander, Colombia

## PUBLICATIONS

### *Published Peer-Reviewed Articles*

#### *Publication summary*

	Original Research	Systematic/literature Review	Subtotal
<b>1<sup>st</sup> Author</b>	12	0	12
<b>Corresponding Author</b>	14	0	14
<b>Subtotal</b>	62	3	65

## 2022

- 65 **Angarita-Fonseca A**, Pagé MG, Meloto CB, Gentile EL, Léonard G, Alarie HM, Tufa I, Roy JS, Stone LS, Choinière M, Fortin M, Roy M, Sean M, Tétreault P, Rainville P, Deslauriers S, Lacasse A. *The Canadian version of the NIH minimum dataset for chronic low back pain research: Normative data from The Quebec Low Back Pain Study*. Pain. 2022.
- 64 Villamizar P, **Angarita-Fonseca A**, Dutra de Souza HC, Martinez-Rueda R, Villamizar MC, Sanchez-Delgado JC. *Handgrip strength is associated with risk of falls in physically active older women*. 2022. Health Care for Women International. 2022; May 13:1-14.
- 63 Nguena Nguefack HL, Pagé G, Guenette L, Blais L, Diallo M, Godbout-Parent M, **Angarita-Fonseca A**, Lacasse A. *Gender differences in medication adverse effects experienced by people living with chronic pain*. Frontiers in Pain Research. 2022; 3:830153.
- 62 Godbout-Parent M, Nguena Nguefack HL, **Angarita-Fonseca A**, Audet C, Bernier A, Zahlan G, Julien N, Pagé MG, Guénette L, Blais L, Lacasse A. *Prevalence of Cannabis Use for Pain Management in Quebec: A Post-Legalization Estimate Among Canadian Generations Living with Chronic Pain*. Canadian journal of Pain. 2022.
- 61 Massé-Alarie H, **Angarita-Fonseca A**, Lacasse A, Pagé G, Tétreault P, Fortin M, Léonard G, Stone L, Roy JS. *Low back pain definitions: effect on patient inclusion and clinical profiles*. Pain Reports. 2022; 7(2): e997.
- 60 Rangel D, Vega A, Molano C, Penueal Arevalo YP, Lagos M, Jacome-Hortua AM, Villamizar C, Grace S, Dutra de Souza HC, **Angarita-Fonseca A**, Corzo Y, Sanchez-Delgado JC. *Examining facilitators and barriers to cardiac rehabilitation adherence in a low-resource setting in Latin America from multiple perspectives*. Int J Environ Res Public Health, 2022;19(4), 1911:1-11.
- 59 Boneth-Collante M, Salazar-Rodriguez J, **Angarita-Fonseca A**. *[Use of Moodle to strengthen citizenship competencies in physiotherapy students: a pretest-posttest design]*. Retos. 2022; 44(2): 242-251.

## 2021

- 58 **Angarita-Fonseca A**, Gómez Díaz IC, Pedrozo Araque E, Uribe Calderón LM, Umaeñulam V, Premkumar K, Urbina M, Hijuelos ML, Busch A, Bidonde J, Research group of the Network of Rehab Workers of the Americas. *[Continuing Education and Professional Networks Workshops among Rehabilitation Workers in Honduras]*. Kinesiologia. 2021; 40(4): 233-42.
- 57 **Angarita-Fonseca A**, Lovo S, Gomez-Diaz IC, Bidonde J, Hijuelos Cardenas ML, Basualdo ML, Premkumar K, Urbina M, Busch A. *International continuing education for rehabilitation workers in Honduras: a pre-test-post-test evaluation*. Disability, CBR & Inclusive Development. 2021;32(4):13-39.
- 56 Denton A, Thorpe L, Carter A, **Angarita-Fonseca A**, Waterhouse K, Hernandez-Ronquillo L. *Definitions and risk factors for drug resistant epilepsy in an adult cohort*. Frontiers in Neurology. 2021;12: 777888.
- 55 Jimenez-Mora MA, Varela AR, Meneses-Echavez JF, Bidonde J, **Angarita-Fonseca A**, Siemieniuk RAC, Zeraatkar D, Bartoszko JJ, Brignardello-Petersen R, Honarmand K, Rochweg B, Guyatt G, Yepes-Nuñez JJ. *Patient-important outcomes reported in randomized controlled trials of pharmacologic treatments for COVID-19: a protocol of a META-epidemiological study*. Syst Rev. 2021 Nov 1;10(1):289.
- 54 Jácome Hortúa AM, **Angarita Fonseca A**, Dutra de Souza HC, Martínez Marín RDP,

Villamizar Jaimes CJ, de Paula Facioli T, Sánchez Delgado JC. *Reliability of the Scale of Barriers for Cardiac Rehabilitation in the Colombian Population*. Int J Environ Res Public Health. 2021 Apr 20;18(8):4351.

## 2020

53. Sánchez-Delgado JC, Camargo-Sepulveda DC, Cardona Zapata A, Franco Pico MY, Santos Blanco LM, Jácome Hortúa AM, Souza HCD, **Angarita-Fonseca A**. *The Effects of Maintenance Cardiac Rehabilitation: A Systematic Review*. J Cardiopulm Rehabil Prev. 2020; 40(4): 224-244.
52. Lopez-Gomez B, Perez-Mendoza DA, Guzman-Revelo JS, Rangel-Caballero LG, Corzo-Vargas Y, Facioli TP, **Angarita-Fonseca A**, Sanchez Delgado JC. [*Analysis of the running pattern on artificial and natural surface in adolescent soccer players*]. Retos. 2020; 38:109-13
51. Sanchez-Delgado JC; **Angarita-Fonseca A**, Jácome-Hortua A, Martínez-Marín RDP, Suárez-López C, Sánchez-Arias E, Vanegas-Pallares L. [*Quality of life among those who participated or did not participate in a cardiac rehabilitation program after undergoing coronary angioplasty*]. Rev. Mex. de Enfermería Cardiol. 2020; 20(1):138.

## 2019

50. **Angarita-Fonseca A**, Trask C, Shah T, Bath B. *Stable prevalence of chronic back disorders across gender, age, residence, and physical activity in Canadian adults from 2007 to 2014*. BMC Public Health. 2019;19(1):1121.
49. **Angarita-Fonseca A**, Boneth-Collante M, Ariza-Garcia CL, Parra-Patiño J, Corredor-Vargas JD, Villamizar-Nino AP. *Factors associated with non-specific low back pain in children ages 10-12: A cross-sectional study from Bucaramanga, Colombia*. J Back Musculoskeletal Rehabil. 2019; 32(5): 739-47.
48. Sanchez-Delgado JC, Jacome-Hortua A, Aguirre-Aguirre CL, **Angarita-Fonseca A**. [*Acute effect of moderate-intensity exercise on spirometric variables in broncodilated asthmatic subjects. A pilot study*]. Iatreia. 2019; 32(1): 7-15.
47. Saez-Abello GA, Ariza-Viviescas AM, Cardenal-Daza J, Quintero-Salas EDJ; Alarcon-Quigua F, **Angarita-Fonseca A**. [*Evaluation of VO<sub>2</sub>max and body composition in young soccer players in Santander, 2018*]. Rev. peru. cienc. act. fís. deporte. 2019; 6(3): 779-788.

## 2018

46. Sanchez-Delgado JC, **Angarita-Fonseca A**, Aguirre-Aguirre CL, Aguirre-Rueda DM, Pulgarin-Araque RD, Pinzon-Romero S. *Blood glucose response to two intensities of physical exercise in young women during fasting*. Arch Med Deporte. 2018; 35(5): 305-9.
45. Sanchez-Delgado JC, Jacome A, Larios B, Pinzon S, **Angarita-Fonseca A**. [*Reliability of the barriers scale for cardiac rehabilitation*]. Rev. Colomb. Cardiol. 2018; 25(1): 84-91.

## 2017

44. Anaya Niño C, **Angarita Fonseca A**, Villamizar Rayón AV. [*Effect of stretching versus stretching after application of ultrasound on the extensibility of the hamstring muscles in adult women*]. UstaSalud. 2017; 16, 35-42

## 2016

43. **Angarita A**, Prada GE, Mendoza G, Hernandez M. [*Socioeconomic factors associated with stunting in preschool children attending an educational institution of Floridablanca, Colombia*]. Rev Chil Nutr. 2016. 43(2): 116-23.

42. Herrera E, **Angarita A**, Herrera V, Martínez R, Rodríguez C. *Association between gross motor function and nutritional status in children with cerebral palsy: a cross-sectional study from Colombia*. Dev Med Child Neurol. 2016; 58(9):936-41
41. Sanchez JC, **Angarita A**, Jacome A, Malaver J, Aponte E, Diaz C. *[Barriers to participation in cardiac rehabilitation programs after percutaneous revascularization for coronary heart disease]*. Rev Col Cardiol. 2016; 23(2): 141-7.
40. Sanchez-Delgado JC, Escobar-Pinzon SG, Vega-Camacho JD, Porras-Solano AJ, **Angarita-Fonseca A**. *[Attitudes towards exercise and physical activity in health professionals: A cross-sectional study, 2015]*. Arch Med (Manizales) 2016; 16(2):237-5
39. Moreno J, Cruz H, **Angarita A**, Velez A. *[Evaluation of the perception of a university group of teachers about education as a social phenomenon in Colombia]*. Educare. 2016; 20(3): 1-11.

## 2015

38. **Angarita-Fonseca A**, Pinilla Vásquez C, Quintero Moya S. *[Perceptions of physiotherapists about practice workplace exercises in a health institution of Bucaramanga city, Colombia]*. Rev. Obs. Deporte. 2015; 1(2): 22-9.
37. Sanchez-Delgado JC, **Angarita-Fonseca A**, Parra-Patino J, *[Participation in a fitness program and functional capacity in patients undergoing angioplasty for acute coronary syndrome]* Fisioterapia. 2015; 36 (3): 112 - 9.
36. Pinzon-Rios ID, **Angarita-Fonseca A**, Correa-Perez EA. *[Effects of Functional Training Program in Core Muscles in Women with Fibromyalgia]*. Rev. Cienc. Salud. 2015; 13(1):63 – 76.
35. Pinzon-Ochoa MI, **Angarita-Fonseca A**, Nino-Pinzon DM. *[Achievement of technological and scientific capacity in Physical Therapy services of Bucaramanga and Floridablanca]*. Rev. Salud Pública. 2005; 17(2): 1-9.
34. Sanchez-Delgado JC, Jacome-Hortua A, Pinzon S, **Angarita-Fonseca A**. *[Content validity of the scale of barriers to cardiac rehabilitation]*. Univ. Salud. 2015; 17 (2), 170-6.
33. Prada GE, Gutierrez MM, **Angarita A**. *[Association between socioeconomic factors and body mass index among low-income preschoolers from an educational institution of Floridablanca, Colombia]*. Rev Chil Nutr. 2015; 42 (4), 337-44.
32. Carreño LM, **Angarita A**. *[Health Related Quality of Life and Urinary incontinence in Women with Overweight and Obesity in Bucaramanga, Colombia]*. Rev. Cienc. Salud. 2015; 13(1): 39-53.
31. Ariza-García CL, Parra-Patiño J, Otárola-Veas V, Suárez-Rodríguez LV, **Angarita-Fonseca A**. *[Health related fitness of schoolchildren aged 8-12 years of a public school from Bucaramanga]*. UstaSalud. 2015; 24:32-9.
30. Villamizar MC, Bueno LA, Ordoñez M, Martínez R, **Angarita A**, Avila J, Lopez S, Murillo G, Rodríguez M, Sanabria M, Villar K. *[Characterization of disabled people with permanent limitations in mobility and self-care in Giron, Colombia]*. Fisioterapia. 2015; 37 (5), 237-45.

## 2014

29. **Angarita A**, Martínez A, Rangel C, Betancourt MV, Prada GE. *[Determinants of underestimation of parents' perceptions of their child's weight in children's homes belonging to ICBF from Floridablanca, Colombia, 2012]*. Rev Chil Nutr. 2014; 41(4): 372-82.
28. **Angarita-Fonseca A**, Ariza-García CL, Boneth Collante M, Parra Patino J, Rojas Santisteban RN, Angarita Carrascal YT. *[Reliability of a functional assessment test of the*

- dynamic balance and agility of elderly people*]. Iatreia. 2014; 27(3): 290-98.
27. Prada GE, Gutierrez MP, Sanchez XL, Rueda LP, **Angarita A**. [*Relationship between environmental factors and child-rearing practices on body mass index of preschool children of children's homes from Floridablanca, Colombia*]. Rev Chil Nutr. 2014; 41(3): 284-91.
  26. Moreno Collazos JE, Cruz Bermudez HF, **Angarita Fonseca A**. [*Evaluation of prevalence ratio for inactivity and risk factors in a group of university students. Chia – Colombia*]. Enferm. Glob. 2014; 34(2): 114-22.
  25. Parra LC, Mora K, Urán G, **Angarita-Fonseca A**. [*Risk factors associated to urinary incontinence in a women population of child-bearing age from Bucaramanga, 2011*]. Rev Fac de Cienc Salud UDES. 2014; 1(1):14-20.
  24. Cruz Bermúdez HF, Moreno Collazos JE, Castrillón Villada L, Patiño A, Forero Rincon S, **Angarita-Fonseca A**. [*Quality control of the leukoreduction of platelets obtained by apheresis through Nageotte chamber and CELL-DIN Ruby*]. Archivos de Medicina. 2014;14(2):268-75.
  23. Cruz Bermúdez H, Moreno Collazos JE, Sierra MR, **Angarita-Fonseca A**. [*Seroprevalence of screening versus T-cell lymphotropic virus (HTLV) and factors associated with co-infection in blood donors in Colombia*]. Salud Uninorte. 2014; 30(2): 95-103, 2014
  22. Ariza-Garcia CL, Boneth-Collante M, **Angarita-Fonseca A**, Corredor-Moreno AM, Cardenas-Castellanos SM. [*Effect of static stretching of 15, 30 and 60 seconds on the range of motion of hip flexion with knee extended*]. Rev Fac de Cienc Salud UDES. 2014; 1(1): 29-35.
  21. Gutiérrez Zehr J, Angarita-Fonseca A, Morales Ramírez E, Tarazona Suarez AA, Valderrama Carrasco AM, Mejia Betancourth SY, Solano Gutiérrez L. [*Knowledge toward healthy housing in two neighborhoods from Bucaramanga, Colombia – 2012*]. Revista Salud UIS. 2014; 46 (2):169-76.

## 2013

20. **Angarita A**, Ariza CL, Villamizar C. [*Reliability of a questionnaire to determine nonspecific low back pain (NLBP) and its characteristics in schoolchildren aged 7 to 12 years*]. Rev. Soc. Esp. Dolor. 2013;20(5):15-25.
19. **Angarita-Fonseca A**, Cruz Bermúdez HF, Moreno Collazos JE. [*Knowledge And Attitudes Towards Promoting Blood Donation Among Physiotherapy Professors – Universidad De Santander*]. Universidad y Salud. 2013; 13(2):181-86.
18. Martínez R, **Angarita A**, Rojas M, Rojas K, Velandia E. [*Characterization of the disability in a sample of children with Cerebral Palsy from Bucaramanga and its metropolitan area, Colombia*]. Rev Fac Med. 2013;61(2):187 – 96.
17. Santamaria-Pinzon OL, **Angarita A**, Bayona LK, Delgado J, Parra IY, Perez A. [*Relationship between the social participation of children with disabilities and the satisfaction of their parents*]. Rev Cubana Pediatr. 2013; 85 (1):17-27
16. Santamaria-Pinzon OL, **Angarita-Fonseca A**, Acero-Fernandez EF, Ariza-Montanez MdP, Murillo-Salazar H. [*Identification of problems of persons with disabilities from the 17 communes of Bucaramanga for the construction of actions lines of the public policy on disability in the municipality of Bucaramanga, 2011*]. Rev. Ascofi 2013; 54:49-57.
15. Cruz Bermudez HF, **Angarita Fonseca A**, Restrepo Sierra MP, Forero SE. [*Hepatitis prevalence and associated factors for coinfection with other infectious markers in a blood bank, 2006-2011*]. Medicina U.P.B. 2013; 32(2): 121-8.
14. Martinez RP, **Angarita A**. [*Postural impairments in schoolchildren from 8 to 12 years old in a*

*public high school in 2010*]. Univ. Salud. 2013;15(1):22 – 33.

13. Moreno JE, Cruz HF, **Angarita A.** [*Application of the 6-minute walk test and the modified Borg scale in subjects with different types of cancer*]. Archivos De Medicina. 2013;13(1):41 – 6.
12. Alfonso-Penalosa Y, Cepeda-Lopez J, Navarro-Valencia M, Tirado-Todaro A, Quintero-Moya S, Ramirez P, **Angarita A.** [*Inter-rater reliability of the Body Alignment Systematic Observation Form in college students*]. Fisioterapia. 2013; 35 (4): 154–166
11. Cruz HF, Moreno JE, **Angarita A.** [*Life quality measurement through the QLQ-C30 questionnaire in subjects with different cancer types in the city of Bucaramanga-Colombia*]. Enferm. Glob. 2013; 12(30): 294-303.
10. Santamaría-Pinzon OL, Camden C, **Angarita-Fonseca A.** [*Face validity of the assessment of life habits instrument (MHAVIDA) in disabled persons aged 5-13 years*]. Ciencia e Innovación en Salud. 2013; 1(1):18-26.

## 2012

9. Hijuelos ML, **Angarita A,** Martínez RP, Criado LY, Rojas AM, Rangel LA, Torres YA. [*Prevalence and characterization of the disabled people in Los Santos (Santander, Colombia), 2011*]. Salud Uninorte. 2012; 28(2): 238-50.
8. Vallejo DL, **Angarita A,** Rangel YA, Cardona EP. [*Current status of twin pregnancy. A literature review*]. Revista Salud UIS. 2012; 44 (3) 41 – 8.
7. Pinilla C, **Angarita A.** [*Knowledge and attitudes associated with the onset of smoking during college life*]. Hacia La Promoción De La Salud. 2012;17(2):25 – 39.
6. Cruz-Bermudez HF, Moreno-Collazos JE, **Angarita-Fonseca A,** Calderón-Serrano CY, Restrepo-Sierra MP. [*Motivational aspects of voluntary blood donors in a collection point of the city of Bogota, Colombia*]. Rev. U.D.C.A Act. & Div. Cient. 2012; 15(1): 19 – 26.
5. Bonnet M, Ariza CL, **Angarita A,** Parra J, Monsalve A, Gomez EM. [*Reliability of Arm Curl and Chair Stand tests for assessing muscular endurance in older people*]. Rev. Cienc. Salud. 2012; 10 (2):15 – 29.

## 2011

4. Hijuelos-Cardenas ML, **Angarita Fonseca A,** Martinez Marin RDC, Criado Guerrero LY. [*An approximation to the health and education reality of disabled people from Los Santos, Santander. 2010-2011*]. Umbral Científico. 2011; 19: 32-41
3. Cruz Bermudez HF, Moreno Collazos JE, **Angarita-Fonseca A.** [*Social preconceptions of voluntary blood donors in a specific location. Bogota – Colombia*]. Investigaciones Andina. 2011; 13(23): 250-57.

## 2010

2. **Angarita A,** Camargo D, Orostegui M. [*Reliability of the time sitting items of the International Physical Activity Questionnaire (IPAQ) and the Global Physical Activity Questionnaire (GPAQ)*]. MedUNAB 2010; 13: 5-12.

## 2009

1. Ramirez PC. **Angarita A.** [*Grip strength in healthy workers from Manizales*]. Rev. Colomb. Rehabil. 2009; 8(1):109-18.

## Non-peer-reviewed publications [n=5]

## 2019

- Coronados-Valladares Y, Dunn Garcia E, **Angarita-Fonseca A.** [*They hold a seminar on Pediatric Physical Therapy and the I International Meeting on Research in Child Neurorehabilitation*]. *News. Revista Cubana de Medicina Fisica y Rehabilitacion* 2019;11(1):e361
- 2018**
- Coronados-Valladares Y, Llache-Orduz IM, **Angarita-Fonseca A.** [*Cuba awarded second place in disability conference held in Colombia*]. *News. Revista Cubana de Medicina Fisica y Rehabilitacion* 2018;10(2):1-3
- 2017**
- Angarita-Fonseca A.** [*How have epidemiologists used the term community?*]. Editorial. *Rev Fac de Cienc Salud UDES.* 2017; 4(1): 607.
- 2015**
- Angarita-Fonseca A.** [*Ordinal logistic regression in health sciences*]. Editorial. *UstaSalud.* 2015; 14:5
- 2014**
- Angarita-Fonseca A.** [*Presentation of the Universidad de Santander Editor - Colombia*]. Editorial. *Revista Inclusiones.* 2014; Esp(1):10

### ***Refereed Conference Proceedings***

The names of my students are underlined>.

The (\*\*) denote oral presentations.

### **Accepted**

- Angarita-Fonseca A.** *Association of burnout syndrome with joint and back pain in informal caregivers of older adults: A Secondary Analysis From The SABE Colombia Study.* IASP 2022 World Congress on Pain. Toronto, Canada, 19-23 September, 2022.
- Jacome Hortua AM, Daza L, Olaya Grass TL, Anaya Ocampo K, **Angarita Fonseca A,** Pinto Prada AL, Rincon Rueda ZR, Luna P. *Design and validation of an educational strategy through WhatsApp for users of a cardiac rehabilitation program.* XII Congreso Internacional de Salud, Bienestar y Sociedad, School of Human and Community Development, Universidad del Witwatersrand. 8-9 September, 2022. Online.

### **2022**

- Angarita-Fonseca A,** Rincon Rueda ZR, Sanchez Ramirez D, Pinto Prada AL, Anaya Ocampo K, Daza Acosta LP, Quintero N, Luna Moreno PA, Olaya Grass TL, Jacome Hortua AM. *Validation of digital educational materials for cardiac rehabilitation patients.* 2022 Spring Conference of the Canadian Association of Cardiac Prevention and Rehabilitation. Held Virtually, June 3-4, 2022
- Angarita-Fonseca A,** Pagé MG, Meloto CB, Gentile EL, Léonard G, Massé-Alarie H, Tufa I, Roy J-S, Stone LS, Choinière M, Fortin M, Roy M, Sean M, Tétreault P, Rainville P, Deslauriers S, Lacasse A. (2022) *The Canadian version of the National Institutes of Health minimum dataset for chronic low back pain research: Community-based reference values.* Canadian Pain Society (CPS) 2021 Annual Scientific Meeting, Montréal – May 10-13, 2022 / Published Abstract: Canadian Journal of Pain 2022, In Press.



Lacasse A, Nguena Nguéfack HL, Pagé MG, Choinière M, Vanasse A, Deslauriers S, Angarita-Fonseca A, Blanchette MA. *Care trajectories among people living with arthritis: A state sequence analysis*. Canadian Pain Society (CPS) 2021 Annual Scientific Meeting, Montréal – May 10-13, 2022 / Published Abstract: Canadian Journal of Pain 2022, In Press.

## 2021

\*\***Angarita-Fonseca A**, Anais Lacasse, M. Gabrielle Pagé, on behalf of the QPRN Quebec Back Pain Consortium. *Normative data for the Canadian minimum dataset for chronic low back pain research*. Retraite annuelle du RQRD 2021. Esterel Resort, Quebec, Canada. November 6, 2021.

\*\***Angarita-Fonseca A**, Jácome Hortúa AM, Ortiz AJ, Rincón Rueda ZR, Villamizar Jaimes CJ, Dutra de Souza HC, Paredes Prada ET, Sánchez Delgado JC. *Effect of two different types of exercise volumes on exercise capacity, physical activity and quality of life in subjects undergoing percutaneous coronary intervention*. Canadian Association for Population Therapeutics (CAPT) 2021 Virtual Conference. October 25 – 27, 2021. <https://www.capt-actp.ca/wp-content/uploads/2021/10/abstract-booklet-ver-14-Oct-24-2021-Final.pdf>

\*\***Angarita-Fonseca A**, Gomez-Diaz IC, Hijuelos-Cardenas ML, Busch A, RRA-NRWA research group. *Continuing education workshops and professional networking among rehabilitation workers of Honduras*. X Latin American Meeting of academics in Physiotherapy and Kinesiology. Barranquilla, Colombia. [virtual] August 10-12, 2021.

\*\* **Angarita Fonseca, C**, Trask, P, Pahwa, D, Fuller, B, Bath. *Associations between physical activity and chronic back disorders: Concurrent and time-lagged analyses*. National Congress of Physiotherapy, Colombia. [virtual] August 13-15, 2021.

\*\*Godbout-Parent, Nguena Nguéfack HL, **Angarita Fonseca A**, Audet C, Bernier A, Zahlan G, Pagé MG, Guénette L, Blais L, Lacasse A. *Prevalence of cannabis use: A post-legalization survey in a community sample of people living with chronic pain*. 11e édition du Colloque annuel du Réseau québécois de recherche sur les médicaments (RQRM) [virtual] – June 10, 11, 2021. <https://event.fourwaves.com/fr/rqrm2021/resumes/69073b30-1349-43a3-8228-32e02828af8f>

\*\*Martinez Marin RdP, **Angarita-Fonseca A**. *Promotion of healthy habits in schools: a pre-post intervention design involving parents, teachers and school*. National Congress of Physiotherapy, Colombia. [virtual] August 13-15, 2021.

**Angarita Fonseca, C**, Trask, P, Pahwa, D, Fuller, B, Bath. *Longitudinal associations between physical activity and chronic back disorders in Canadian adults*. World Physiotherapy Congress 2021 [virtual]. April 9-11.

**Angarita Fonseca A**, Trask C, Pahwa P, Herman H, Fuller D, Bath B. *What did three Statistics Canada Surveys tell us about the relationship between physical activity and chronic back pain in adults?* Research Poster Abstracts. Canadian Pain Society (CPS) annual scientific meeting, Montréal, Canada – may 10-13, 2022. Published in: Canadian Journal of Pain. 2021;5(2): A101. [virtual]. <https://doi.org/10.1080/24740527.2021.1914233>

Premkumar K, **Angarita-Fonseca A**, Gomez-Diaz IC, Uribe-Calderon LM, Araque EP, Busch A. *Continuing education to build rehabilitation capacity and promote inclusive education in Honduras through a visiting professor program*. Asia-Pacific Medical Education Conference, Singapore, Jan 22-24, 2021. Free communication. [virtual].

[https://medicine.nus.edu.sg/cenmed/apmec2021/documents/APMEC\\_Conference%20Handbook.pdf](https://medicine.nus.edu.sg/cenmed/apmec2021/documents/APMEC_Conference%20Handbook.pdf)

**Angarita-Fonseca A**, Trask C, Pawha P, Herman K, Fuller D, Bath B. Physical activity and chronic back disorders: A comparison between self-reported and accelerometer-measured physical activity: Oral Presentation C10. 8. *The Health & Fitness Journal of Canada* 14 (3). <https://doi.org/10.14288/hfjc.v14i3.709>

## 2020

Jacome A, Peñuela J, Molano M, Lagos K, **Angarita-Fonseca A**, Sanchez JC. *Barriers and facilitators for the participation in cardiac rehabilitation among users, relatives and therapists in two outpatient centers, Bucaramanga*. V Research Meeting in Physiotherapy. Universidad Industrial de Santander, Bucaramanga, Colombia. Dec 4-5, 2020.

\*\*Uribe-Calderon LM, Gomez-Diaz IC, Araque EP, Hijuelos ML, **Angarita-Fonseca A**, Busch A. *Strengthening of rehabilitation capacities in Honduras through interdisciplinary workshops*. VIII National Meeting and V International meeting on phono-audiology research. Corporación Universitaria Iberoamericana, Bogotá, Nov 26-27.

## 2019

\*\***Angarita-Fonseca A**, Trask C, Pahwa P, Bath B. *Longitudinal association between physical activity and chronic back disorders in Canadian adults, 1994-2011*. CRDCN 2019 National Conference. Halifax, Canada, October 25, 2019

**Angarita-Fonseca A**, Trask C, Pahwa P, Bath B. *Physical activity and chronic back disorders in Canadian adults: Analysis of repeated measurements using the National Population Health Survey*. Saskatchewan Epidemiology Association's 19th Annual Symposium. Regina, Canada, October 8, 2019

**Angarita-Fonseca A**, Trask C, Bath B. *Physical activity and chronic back disorders: Results from eight cycles of the Canadian Community Health Survey*. Saskatchewan Epidemiology Association's 19th Annual Symposium. Regina, Canada, October 8, 2019

**Angarita-Fonseca A**, Boneth Collantes M, Santamaria OL, Carreño LM, Tarazona E, Ariza-García C. *An educational intervention on Community-Based Rehabilitation in leaders of organizations of persons with disabilities*. 2019 Global Health Conference, University of Saskatchewan. Saskatoon, Saskatchewan, Canada. Sept 28, 2019

**Angarita-Fonseca A**, Busch A, Gomez-Diaz IC, Hijuelos-Cardenas ML, Pedrozo Araque E, Uribe Calderón M, Lovo Grona S, Bidonde J, Basualdo M, Premkumar K, Calderón O, Bados R, Martínez Velasquez DdC, Garcia Artiaga EY. *Empowering rehabilitation workers in Honduras through a visiting professor program*. 2019 Global Health Conference, University of Saskatchewan. Saskatoon, Saskatchewan, Canada. Sept 28, 2019

\*\***Angarita-Fonseca A**, Trask C, Bath B. *Leisure time physical activity and chronic back disorders in Canadian adults: Results from a longitudinal population-based study*. School of Rehabilitation Science Research Conference, Saskatoon, Saskatchewan, Canada. Sept 21, 2019.

\*\***Angarita-Fonseca A**, Busch A, Gomez-Diaz IC, Hijuelos-Cardenas ML, Pedrozo Araque E, Uribe Calderon LM, Lovo S, Bidonde J, Basualdo M, Premkumar K. *Building rehabilitation capacity in Honduras: Impact of workshops on professional networking*. School of Rehabilitation Science Research Conference, Saskatoon, Saskatchewan, Canada. Sept 21, 2019.

\*\*Busch A, Bados R, Martinez D, Garcia E, **Angarita Fonseca A**, Gomez-Diaz IC, Hijuelos-Cárdenas ML, Pedrozo Araque E, Uribe Calderón LM, Lovo S. *Health status impact statements following mentorship tutorials demonstrate enhanced rehabilitation capacity in a school for disadvantaged children in Honduras*. School of Rehabilitation Science Research Conference, Saskatoon, Saskatchewan, Canada. Sept 21, 2019.

**Angarita-Fonseca A**, Busch A, Gomez-Diaz IC, Hijuelos-Cardenas ML, Pedrozo Araque E, Uribe Calderón LM, et al. *Positive results of an international collaboration to build rehabilitation capacity in Honduras*. GHIC 2019: Global Health & Innovation Conference. Yale University, New Haven, United States of America: Unite For Sight; April 13-14, 2019.

\*\*Gómez Díaz IC, Cabrales Guzmán MP, Sánchez Delgado JC, **Angarita Fonseca A**. [*Effects of lower limb muscular strengthening on spasticity, gait and functionality in post-stroke patients*]. XXVI National Congress of Physiotherapy. Barranquilla, Colombia. Nov 1-3, 2019.

Boneth-Collante M, Salazar-Rodriguez J, **Angarita Fonseca A**. [*Strengthening of meaningful learning on citizenship competencies through the Moodle platform among physiotherapy students during clinical practicum; UDES Bucaramanga 2016*]. IX Latin American Meeting of academics in Physiotherapy and Kinesiology. Barranquilla, Colombia. Oct 30, 31, 2019.

\*\***Angarita-Fonseca A**, Lovo S, Gomez-Diaz IC, Hijuelos-Cardenas ML, Busch A, Premkumar K, Pedrozo Araque E, Calderón O, Uribe Calderon LM, Urbina M, Bidonde J, Basualdo M. *Capacity building in rehabilitation in Honduras through workshops: an international collaboration strategy*. IX Latin American Meeting of academics in Physiotherapy and Kinesiology. Barranquilla, Colombia. Oct 30, 31, 2019.

2018

\*\***Angarita-Fonseca A**, Trask C, Bath B. *Population trends in the prevalence of Chronic Back Disorders in Canada, 2007-2014*. CHEP Research Day, Saskatoon, Feb 8, 2018.

**Angarita-Fonseca A**, Trask C, Shah T, Bath B. *Chronic Back Disorders in Canadian adults: Results of the 2007-2014 Canadian Community Health Survey*. Canadian Student Health Research Forum. Winnipeg, Canada, June 11-1, 2018.

\*\***Angarita-Fonseca A**, Trask C, Shah T, Bath B. *Time trends for Chronic Back Disorders: Results from the Canadian Community Health Survey*. Canadian Association for Research on Work and Health Conference. CARWH 2018: Research and practice to improve Health in a changing world of work. Vancouver, Canada, Oct 21-23, 2018.

Martinez-Marin RdP, Sanchez-Delgado JC, Jacome-Hortua AM, Rivera-Ospina XS, Supelano-Coronel JC, **Angarita-Fonseca A**. *A questionnaire for measuring physical activity among pregnant women: a transcultural adaptation to Spanish in Colombia*. 35<sup>th</sup> FIMS World Congress of Sports Medicine. Rio de Janeiro, Brazil, Sep 15, 2018.

**Angarita-Fonseca A**, Trask C, Shah T, Bath B. *Prevalence of chronic back disorders among Canadian adults: trends by gender, age, and geography and distribution of physiotherapists*. Montreal 2018 Canadian Physiotherapy Association Congress. Montreal, Nov 1-3, 2018.

**Angarita-Fonseca A**, Trask C, Shah T, Bath B. *Canadian trends in the prevalence of Chronic Back Disorders, 2007-2014*. The 5th iteration of the Global Health Student Young Professionals Summit. Toronto, Canada, Nov 18, 2018.

**Angarita-Fonseca A**, Busch A, Gomez-Diaz IC, Hijuelos-Cardenas ML, Pedrozo Araque E, Uribe Calderón LM, et al. *Building Capacity in Rehabilitation through Workshops in Honduras: an international collaboration of three countries*. The 5th iteration of Global Health Student Young Professionals Summit. Toronto, Canada, Nov 18, 2018.

Fernández Serrano A, González Bonilla M, Lavacude Fuentes N, Sánchez Ballesteros L, Suarez Hernández M, Pinzón Ochoa MI, Angarita Fonseca, A. [*Knowledge and attitudes towards physical activity among family members and caregivers of children and adolescents with Down Syndrome*]. IV International Meeting on Research and Experiences in Disability. Bucaramanga, Colombia. May 4, 2018.

\*\*Jacome Hortua AM, Sánchez Delgado JC, Mendez Medina JA, Martínez Fontecha Y, Vega Capacho NA, Angarita Fonseca A. [*The Effects of Phase I Cardiac Rehabilitation: A Systematic Review*]. XXVII Colombian Congress of Cardiology and Cardiovascular Surgery. Barranquilla, Colombia, March 1-3, 2018.

## 2017

\*\*Boneth-Collante M, Martinez-Marin RdP, Fernandez-Suarez A, Ramirez-Villalba C, Angarita-Fonseca A. [*Factors associated with the prevalence of nonspecific lumbar pain in physiotherapy students from Bucaramanga 2015*]. XXV Congreso Nacional de Fisioterapia. Bogota, Colombia. March 17-19, 2017

**Angarita-Fonseca A**, Trask C, Bath B. *Does Moving More Improve Back Health? Physical Activity and Chronic Back Disorders in Canadian Adults*. 2017 Canadian Student Health Research Forum and CIHR National Presentation. Winnipeg, Canada, June 6-9, 2017

Martinez-Marin RdP, Aponte DY, Duran LD, Pastrana MA, **Angarita A**. [*Depressive symptoms vs. physical activity in schoolchildren of Colombia, 2017*]. XV encuentro científico, Instituto Nacional de Salud. Bogota, Colombia. Nov 20-22, 2017

\*\*Boneth-Collante M Niño DM, **Angarita A**, Ortiz A, Marin J. [*Effects of Kinesio-taping on clinical functional and spatiotemporal parameters of the gait in adults with anterior cruciate ligament injury: A Clinical Controlled Trial*]. I Encuentro Internacional de Investigación Universitaria Tunja, Colombia. Sep 7-8, 2017

Boneth-Collante M, Hijuelos-Cardenas M, Martinez-Rocio RdP, **Angarita-Fonseca A**, Carrascal G, Guerra Y. [*Association between overweight/obesity and nonspecific lumbar pain in university students: A prospective cohort in Colombia*]. VII ELA - Encuentro Latinoamericano de Academicos en Fisioterapia. Lima, Peru, October 13, 2017

\*\*Sánchez J, Camargo D, Cardona A, Franco M, Santos L, **Angarita A**. [*The Effects of Phase III and IV Cardiac Rehabilitation: A Systematic Review*]. V International Congress of Cardiorespiratory Rehabilitation. Cusco, Peru, November 2-4, 2017

Sánchez Delgado JC, Camargo DC, Cardona A, Franco MY, Santos LM, **Angarita Fonseca A**. [*The Effects of Phase III and IV Cardiac Rehabilitation: A Systematic Review*]. XXVI Interamerican Congress of Cardiology. Ciudad de Panama, Panama, September 20-23, 2017

## 2016

**Angarita-Fonseca A**, Henriquez-Roldan CF, Navarro-Villaruel C, Prada GE. *Association between income and nutritional status in Chilean children: A secondary analysis of Chilean National Socioeconomic Characterization Survey, 2011*. Epidemiology Congress of Americas 2016. Miami, Florida, June 21-24, 2016

**Angarita-Fonseca A**, Trask C, Bath B. *Factors associated with changes or intentions to change physical activity among Canadians with chronic back disorders*. Saskatchewan Epidemiology Association's 16th Annual Symposium. Saskatoon, Canada, November 2, 2016

**Angarita-Fonseca A**, Pinzon MI, Martinez-Marin RdP. *Relationship between socioeconomic status and access to primary prevention in Colombia, 2013*. The 23rd Annual Life and Health Sciences, March 11, 2016

Martinez-Rueda R, **Angarita A**, Alba PL, Saavedra I. *Fitness self-perception in rugby players in Colombia: Part I*. European College of Exercise Science 2016. Vienna, Austria, July 6-9, 2016

Pinzon-Ochoa MI, **Angarita-Fonseca A**, Vargas A, Vieco J. [*Burden level of primary caregivers of disabled people from the municipality of Bucaramanga*]. 8th International Congress of disability. Medellin, Colombia, September 28-30, 2016

**Angarita-Fonseca A**, Gonzalez-Bonilla MP, Silva-Guerra EV, Suarez-Hernandez RM, Jacome-Hortua AM. *Risk factors associated with self-reported neck pain among office workers in a private university of Colombia: a cross-sectional study*. 2016 Canadian Association for Research on Work and Health Conference. Toronto, Canada, October 16-18, 2016

**Angarita-Fonseca A**, Trask C, Bath B. *Physical activity and chronic back disorders in Canadian adults*. Canadian Research Data Center Network 2016 National Conference Program. Saskatoon, Canada, October 31, 2016

**Angarita-Fonseca A**, Pinzon-Ochoa MI, Martinez-Marin RP. *Income inequality and access to primary prevention in Colombia: Evidence from the 2013 Quality of Life National Survey*. 2016 Canadian Society for Epidemiology and Biostatistics Student Conference. Winnipeg, Canada, June 8-10, 2016

**Angarita-Fonseca A**, Jacome-Hortua AM, Gonzalez-Bonilla MP, Silva-Guerra EV, Suarez-Hernández RM. *Ergonomics factors and low-back pain among office workers in a private university in Colombia: across-sectional study*. Ninth International Scientific Conference on the Prevention of Work-Related Musculoskeletal Disorders (PREMUS 2016). Toronto, Canada, June 20 – 23, 2016

\*\*Villamizar MC, Bueno LA, Martinez-Marin Rdp, Echeverria-Avellaneda LS, **Angarita Fonseca A**. [*A cross-sectional study on disability in the population registered in the Santanderean Association of Elderly Welfare Centers of the city of Bucaramanga, 2014*]. XII Colombian Congress of Gerontology and Geriatrics. Bogotá, Colombia, May 19 – 21, 2016

\*\*Sánchez Delgado JC, **Angarita Fonseca A**, Jacome-Hortua AM, Pinzon S. [*Reliability of the barriers scale for cardiac rehabilitation: a pilot test in Bucaramanga*]. XXVI Colombian Congress of Cardiology and Cardiovascular Surgery. XXVII South American Congress of Cardiology. Pereira, Colombia, March 12, 2016

\*\*Suárez-López C, Vanegas-Pallares L, Jácome-Hortua A, **Angarita-Fonseca A**, Pinzon S, Larios B, Sanchez-Delgado JC. [*Quality of life among those who participated or did not participate in a cardiac rehabilitation program after undergoing coronary angioplasty in the University Hospital “Los Comuneros”, 2014-2015*]. 2016 Research meeting in physiotherapy, Universidad Industrial de Santander. Bucaramanga, Colombia, February 26, 2016

\*\*Bueno Balaguer A, Martínez Marín RDP, **Angarita Fonseca A**. [*Access to rehabilitation services for people with cerebral paralysis in Bucaramanga and the metropolitan area*]. III International Meeting on research and experiences in disability. Bucaramanga, Colombia, May 21,21, 2016

## 2015

Martinez-Rueda R, **Angarita A**, Puzovic V. *Lifestyle of Rugby players in Colombia: A pilot study*. 20th annual congress of the European College of Sports Science. Malmo, Sweden, June 24-27, 2015

\*\*Herrera E, Martinez-Marin Rdp, Herrera VM, **Angarita A**, Rodriguez CN. [*Quality of food intake and level of gross motor function in children 2 to 12 years with cerebral palsy Bucaramanga-Colombia, 2013*]. IX International scientific conference on research in disability. Salamanca, Spain. March 18-20, 2015

**Angarita-Fonseca, A**, Sanchez-Delgado JC, Jacome-Hortua A, Pinzon S. *Reliability of the Cardiac Rehabilitation Barriers Scale*. Saskatchewan Epidemiology Association (SEA) 15th Annual Fall Symposium. Saskatoon, Canada, November 5, 2015

\*\*Sanchez-Delgado JC; **Angarita-Fonseca A**, Jácome-Hortua A, Suárez-López C, Vanegas-Pallares L. [*Quality of life among those who participated or did not participate in a cardiac rehabilitation program after undergoing coronary angioplasty in the University Hospital “Los Comuneros”, 2014-2015*]. XXI Ecuatorian Cardiology Congress. Quito, Ecuador, October 21-24, 2015

\*\***Angarita A**, Lozano W, Jácome AM, Larios B, Aguirre CL, Amador M, Soler E. [*Success in weaning from mechanical ventilation in an adult intensive care unit in Bucaramanga*]. X National Congress of Critical Medicine and Intensive Care. Cartagena, Colombia, May 28-29, 2015

Lozano W, **Angarita A**, Jácome AM, Larios B, Aguirre CL, Amador M, Soler E. [*Effect of respiratory physiotherapy on the clinical variables of patients undergoing planned extubation in an intensive care unit in north-east Colombia*]. X National Congress of Critical Medicine and Intensive Care. Cartagena, Colombia, May 28-29, 2015

## 2014

**\*\*Angarita A**, Bueno LA, Martinez-Marin RdP; Ordonez X, Villamizar MC, Avila J, Lopez S, Murillo G, Rodriguez MA, Sanabria M, Villar KJ. [*Characterization of the older population with permanent limitations on mobility and self-caring of 17 neighborhoods of Giron, Santander 2012-2014*]. V Congreso Panamericano de Gerontología y Geriátrica. Cartagena, Colombia, March 26-29, 2014

**\*\*Vallejo Ardila DL**, Rangel YA, Cardona EP, **Angarita Fonseca A**. [*Risk factors associated with twin neonatal mortality at the Santander university hospital. 2008-2011*]. Second Latin American Congress of Epidemiology. Medellín, Colombia, March 5-7, 2014.

Rojas Forero SF; Santamaria O, **Angarita A**, Aguilar-Jimenez J. [*Occupational performance in life habits of disabled children of the "FANDIC" Foundation, Colombia*]. V International Seminar on Disability; VII National Seminar on Disability; II International Meeting on research and experiences in disability. Bucaramanga, Colombia, May 23-24, 2014

Villamizar-Garcia MC, Bueno-Balaguer LM, Ordonez-Chaussinant MX, Martinez-Marin RdP, **Angarita-Fonseca, Adriana**, Avila-Galvan JA, Lopez- Duarte SA, Murillo-Rincon G, Rodriguez-Miranda MA, Sanabria-Jerez M; Villar-Ballesta KJ. [*Health, education, and work for people with disabilities aged 15 to 64 years of 17 neighborhoods of the urban area of Giron, Santander 2012-2013*]. V International Seminar on Disability; VII National Seminar on Disability; II International Meeting on research and experiences in disability. Bucaramanga, Colombia, May 23-24, 2014

Anaya Niño MC, **Angarita-Fonseca A**, Villamizar-Rayon GA. *Effect of Static Stretch Versus Static Stretch and Ultrasound on Hamstring Muscles Extensibility in Healthy Women*. 8th World Congress of the International Society of Physical & Rehabilitation. Cancun, Mexico, June 1-5, 2014

**\*\*Martínez RDP**, Ortega KY, **Angarita Fonseca A**, Bueno Balaguer LA. [*Quality of family life of people with cerebral palsy from two foundations located in the municipalities of Bucaramanga and Floridablanca 2013-2014*]. XIX Latin American Congress of Physiotherapy and Kinesiology, Oct 27-29, 2014

**\*\*Ariza García CL, Angarita Fonseca A, Bolaño Carracedo M, Ortíz Patiño AJ, Pinzón Lizarazo LV, Hijuelos Cárdenas ML**. [*Disability due to nonspecific low back pain according to the Oswestry scale in students aged 18 and 25 years of the University of Santander*]. XIX Latin American Congress of Physiotherapy and Kinesiology, Oct 27-29, 2014

**Angarita-Fonseca A**, Ariza-Garcia CL, Boneth-Collante M; Corredor J, Villamizar A. [*Factors associated with nonspecific low back pain in children from a school in Bucaramanga*]. III Chilean Congress of Public Health. V Chilean Congress of Epidemiology. Santiago de Chile, Chile, July 23-25, 2014

Hijuelos-Cardenas ML, **Angarita-Fonseca A**. [*Prevalence and factors associated with low back pain in young adult population, Colombia*]. First Research in physiotherapy Meeting at the Universidad Industrial de Santander. Bucaramanga, Colombian, Dec 5, 2014

2013

**Angarita-Angarita A**, Henriquez CF, Prada GE, Gutierrez MP. [*Using quantile regression to establish factors associated with increased body mass index in children*]. IV Iberoamerican Biometrics Meeting. Mar del Plata, Argentina, September 25-2, 2013

**Angarita Fonseca A**; Pinzon-Ochoa MI, Sanabria-Jerez M. [*Therapeutic care program satisfaction among caregivers of children and adolescents with disabilities*]. IV International Congress of Rehabilitation Research. Mexico City, Mexico, November 11-15, 2013

Quintero-Moya SY, **Angarita-Fonseca A**, Ramirez-Munoz PC; Cabrales MP, Bueno-Balaguer LA. [*Postural deficiencies in the static and bipedal body alignment of students in a private college of Colombia*]. First Meeting on Research in Physiotherapy at the Universidad Industrial de Santander. Bucaramanga, Colombia, December 5, 2013

\*\*Hijuelos ML, Acuña MJ, Camacho A, Cruz M, Ochoa C, **Angarita A**. [*Prevalence and factors associated with low back pain in a young adult population*]. XXI Argentine Congress of Pain, Buenos Aires, Argentina, Oct 23-25, 2013.

\*\*Santamaría Pinzón OL, **Angarita Fonseca A**, Bayona Gualdrón LK, Delgado SJ, Parra Guerrero IY, Perez Ortega AP. [Convergent validity of the social participation of children with disabilities and parents satisfaction with the social participation of their children]. I International Meeting on Research and Experiences in Disability. Bucaramanga, May 16, 17, 2012

## 2012

\*\*Martínez Marín RdP, **Angarita Fonseca A**, Herrera Anaya E, Rojas K, Rojas M, Velandia E. [*Association between nutritional status and level of gross motor functionality in boys and girls aged 2 to 12 years with cerebral palsy, residents of Bucaramanga and its metropolitan area. A pilot test*]. I International Meeting on Research and Experiences in Disability. Bucaramanga, May 16, 17, 2012

\*\*Martínez-Marín RdP, Hijuelos-Cardenas ML, **Angarita-Fonseca A**, Navas K. [*Household characteristics in rural and urban people with disabilities*]. VIII international scientific conference on research in disability. Salamanca, Spain, March 14-16, 2012

Martínez-Marín RdP, **Angarita Fonseca A**, Boneth-Collante MC, Ariza-García CL, Parra J, Gómez E, Monsalve A, Angarita T, Rojas N. [*Test-retest reliability of the senior fitness battery for the evaluation of functional fitness of older adults in Bucaramanga*]. VIII international scientific conference on research in disability. Salamanca, Spain, March 14-16, 2012

## 2011

\*\***Angarita-Fonseca A**, Boneth-Collante MC, Ariza-García CL. [*Reliability of the 6-minute walk test to assess cardiorespiratory function in elder population*]. I International Congress of Physiotherapy and Research. Sevilla, Spain, November 10-13, 2011.

**Angarita-Fonseca A**, Boneth-Collante MC, Ariza-García CL. [*Reproducibility of the Back Scratch test to evaluate flexibility in an older adult population*]. I International Congress of Physiotherapy and Research. Sevilla, Spain, November 10-13, 2011

\*\***Angarita Fonseca A**, Carreño LM. [*Association between obesity and stress urinary incontinence in women from the Girardot neighborhood, Bucaramanga*]. II International Symposium, III National Research in Physiotherapy and Kinesiology. Sep 23, 2011.

\*\*Hijuelos Cárdenas ML, **Angarita Fonseca A**, Martínez Marín RDP, Criado Guerrero LY. [*Approach to the reality in health and education of people with disabilities in Los Santos, Santander. 2010-2011*]. II International Symposium, III National Research in Physiotherapy and Kinesiology. Sep 23, 2011.

Pinilla Vásquez C, Herrera A, **Fonseca Adriana A**. [*Knowledge and attitudes associated with the onset of smoking during university life*]. II International Symposium, III National Research, IX Prize for Researchers "Pablo Oliveros Marmolejo". Bogota, Colombia, Nov 4, 2011

\*\*Corredor A, Cardenas SM, Ariza Garcia CM, Boneth-Collante MdC, **Angarita Fonseca A**. [*Effect of static stretching of 15, 30 and 60 seconds on the range of motion of hip flexion with knee extended*]. XXIII National Congress of the Colombian Association of Physiotherapy. March 17-19, 2011

## *Invited Presentations*

### 2021

**Angarita-Fonseca A**, Godbout-Parent M. November 26. [Online]. *Sex versus gender-related characteristic*. Journal Club, Le réseau des stagiaires de recherche de L'Institut de la santé des femmes et des hommes (ISFH) : Chapitre UQAT. November 26. [Online].

- Angarita-Fonseca A.** *Staying active for function and fall prevention.* Section Banlieue-Ouest of MS Society of Canada. November 16. [Online]
- Angarita-Fonseca A.** *Types of study: observational, analytical and experimental.* Learning coffee from science, movement, and the heart. Fundación Universitaria de Ciencias de la Salud FUCS, Bogotá, Colombia. October 29. [Online]
- Angarita-Fonseca A, Pagé G, Lacasse A.** *The Canadian version of the NIH minimum dataset for chronic low back pain research: Normative data from The Quebec Low Back Pain Study.* Journal Club Innovation Hub. Centre de Recherche du Centre hospitalier de l'Université de Montréal, Montreal, Canada. October 19. [Online]
- Angarita-Fonseca A, Pagé G, Lacasse A.** *Using the Quebec Pain Registry and the provincial health administrative databases to study real-world patterns of opioid use among patients attending tertiary care multidisciplinary pain clinics.* Table ronde étudiant.e.s du RRSPQ. January 21, 2020. [Online]
- 2020** *Modeling trajectories using latent class, Hidden Markov and trend-in-trend models.* Journal Club Innovation Hub. Centre de Recherche du Centre hospitalier de l'Université de Montréal, Montreal, Canada. December 15. [Online]
- Physical activity and chronic back disorders in Canadian adults: Analysis of three Statistics Canada Surveys.* PhD in Statistics Seminar. Universidad de Valparaiso, Chile, December 9. [Online]
- Sex and gender based analysis, Part II.* ErgoLab Meeting, University of Saskatchewan, Saskatoon, Canada, February 14.
- Sex and gender based analysis, Part I.* ErgoLab Meeting, University of Saskatchewan, Saskatoon, Canada, February 7.
- 2019** *Is there a relationship between physical activity and chronic back disorders? Analysis of three Statistics Canada surveys.* Canadian Centre for Health and Safety in Agriculture (CCHSA) Seminar, University of Saskatchewan, Saskatoon, Canada, September 24.
- 2018** *Physical activity and chronic back disorders in Canadian adults: overview and preliminary analysis.* Canadian Centre for Health and Safety in Agriculture (CCHSA) Seminar, University of Saskatchewan, Saskatoon, Canada, March 27.
- Exploring the relationship between physical activity and chronic back disorders in Canadian adults.* School of Rehabilitation Science Research Day, University of Saskatchewan, Saskatoon, Canada, October 12.
- 2017** *INKSCAPE Foundations.* ErgoLab Meeting, University of Saskatchewan, Saskatoon, Canada, April 19.
- Evidence-Based Practice: Epidemiological Research Stats.* ErgoLab Meeting, University of Saskatchewan, Saskatoon, Canada, May 10
- Busch A, Angarita-Fonseca A. *Visiting Professor: Building capacity and collaborations.* Canadian Centre for Health and Safety in Agriculture (CCHSA) Seminar, University of Saskatchewan, Saskatoon, Canada, December 5; 2017.
- 2016** *Inequities in utilization of outpatient and emergency care services in Colombia: results from the 2013 Quality of Life National Survey.* Canadian Centre for Health and Safety in Agriculture (CCHSA) Seminar, Saskatoon, Canada, March 22
- 2013** *[Relationship between epidemiology and biostatistics in the frame of public health].* II International Congress of applied statistics, Potosi, Bolivia, September 20
- 2011** *[Research project management].* XXII Surgical Instrumentation Meeting, Universidad de Santander., Bucaramanga, Colombia. November 4.



## COMMUNITY SERVICE AND CONTRIBUTIONS

### **Editor**

2012-2018 *Revista Facultad de Ciencias de la Salud Universidad de Santander*

### **Editorial Board**

2015-Present Associate Editor. *Revista del Observatorio del Deporte*

### **Journal Peer Reviewer (Number of manuscripts)**

2021 Pain (1)  
 2021 Canadian Journal of Public Health (1)  
 2020 Reviewer for INQUIRY (1)  
 2020 Journal of pain research (1)  
 2020- present Spine (2)  
 2019-present Reviewer for *Topics in Stroke Rehabilitation* (3)  
 2017 Work (1)  
 2017 Fisioterapia (1)  
 2016 Reviewer for *Revista Facultad de Salud Pública* (1)  
 2016 Reviewer for *USTASalud* (1)  
 2015 Reviewer for *International Research Journal of Medicine and Medical Sciences* (1)

### **Abstract Reviewer (Number of abstracts)**

2022 Collaborating for Health and Wellness Virtual Research Conference 2022, University of Manitoba, March 24. (6)  
 2021 Canadian Physiotherapy Association Congress, May 12-15. (11)  
 2021 Canadian Society for Epidemiology and Biostatistics, June 1-3, Online (10)  
 2020 Collaborating for Health and Wellness Conference, University of Manitoba, October 1. (5)  
 2020 2021 World Confederation for Physical Therapy Congress (22)  
 2019 Society for Epidemiological Research digital Webinar (6)  
 2018 Canadian Physiotherapy Association Congress (9)  
 2018 Society for Epidemiological Research Annual Meeting (15)  
 2017 World Confederation for Physical Therapy Congress (20)  
 2016 Canadian Public Health Association Conference (12)  
 2016 Epidemiology Congress of the Americas (20)  
 2014 [II International Meeting on Research and Experiences in Disability] (3)

### **Grant Reviewer (Number of research proposals)**

2020 2020 Research Grant funding. Universidad del Valle, Colombia (1)  
 Grant funding Program Call 2019-2020: Health Sciences. Universidad de Antioquia, Colombia. (1)  
 2019 Grant funding connecting knowledge 2019 No. 482, 2019. Colombian Administrative Department of Science, Technology and Innovation. (1)  
 2017 Physical Therapy Research Grant funding 2017. Royal Dutch Society for Physical Therapy (KNGF). (1)  
 2016 2016 Award to the best Research Proposal. Colombian Association of Physiotherapy Programs. (3)

- 2015 Grant funding for Technology and Innovation in Health No. 711, 2015. Colombian Administrative Department of Science, Technology and Innovation. (5)
- 2014 Research Grant funding 2014. Universidad Nacional Abierta y a Distancia. (1)
- 2012 Research Grant funding 2012. Universidad Industrial de Santander. (1)

***Committees and Leadership***

- 2021-Present Co-leader Trainee, Université du Québec en Abitibi-Témiscamingue, Institute of Gender and Health (IGH) Sex and Gender Science Trainee Network (June 2021 – Present)
- 2020-Present Trainee Representative, Quebec Pain Consortium, Quebec Pain Research Network (Oct 2020 – Present)
- 2020 Student Representative, Clinical/Population Health Research committee, University of Saskatchewan (May – Sep. 2020)
- 2019 Research Awards Committee Member. National Physiotherapy Research Award. XXVI National Physiotherapy Congress. Colombian Association of Physiotherapy Programs and Colombian Association of Physiotherapists.
- 2019 Co-leader Trainee, University of Saskatchewan Chapter, Institute of Gender and Health (IGH) Sex and Gender Science Trainee Network (Jan 2019 – Sep. 2020)
- 2018 Coordinator of the Scientific Committee, VII Seminario Internacional, X Nacional De Discapacidad, IV Encuentro Internacional de Investigación y Experiencias en Discapacidad, Bucaramanga, Colombia.
- 2018 Coordinator of the Scientific Committee, I Encuentro Internacional de Investigación en Neurorehabilitación Infantil, Bucaramanga, Colombia.
- 2018 Planning Committee Member, Canadian Association for Research on Work and Health Trainee and New Researcher Day
- 2017 Planning Committee Member, Saskatchewan Epidemiology Association Symposium
- 2016 Planning Committee Member, Canadian Association for Research on Work and Health Trainee and New Researcher Day
- 2016 Co-chairing the parallel session entitle Pot-pourri: Injury surveillance and epidemiology at the Canadian Association for Research on Work and Health Conference
- 2016 Planning Committee Member, Saskatchewan Epidemiology Association Symposium
- 2012 Coordinator of the Scientific Committee, I Encuentro Internacional de Investigación y Experiencias en Discapacidad, Bucaramanga, Colombia.

***Memberships***

- 2021-Present Canadian Association of Cardiovascular Prevention and Rehabilitation (CACPR)
- 2020-Present Student member of the Quebec Population Health Research Network.
- 2020-Present Quebec Network of Junior Pain Investigators
- 2020-Present Student member of the Canadian Pain Society
- 2018-Present Member of the Canadian Physiotherapy Association.
- 2016-present Member of the Canadian Association for Research on Work and Health

2013-Present	Member, Integral Physiotherapy Research Group, Universidad de Santander. Category C according to the Colombian Administrative Department of Science, Technology and Innovation.
2013-Present	Member, International Epidemiological Association IEA
2010-Present	Member, Clinical management research group, CLINIODES, Universidad de Santander.
2010-Present	Member of the Colombian Physiotherapy Association.
2020	Trainee of the Musculoskeletal Health and Access to Care Research Group, University of Saskatchewan
2015-2020	Trainee of the Canadian Centre for Occupational Health and Safety's Ergonomics Laboratory, University of Saskatchewan

## REFERENCES

- Anaïs Lacasse, PhD** Professeure agrégée | Chercheure-boursière Junior 2 du Fonds de recherche du Québec – Santé en partenariat avec l'Unité de soutien à la SRAP du Québec  
Laboratoire de recherche en épidémiologie de la douleur chronique  
Département des sciences de la santé | Université du Québec en Abitibi-Témiscamingue  
Codirectrice du Réseau québécois de recherche sur la douleur (RQRD)  
Réseau thématique du Fonds de recherche du Québec – Santé  
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