

ADRIANA ANGARITA FONSECA

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EDUCATION

- 2015-2020** **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
Defense date: September 21, 2020. Submission date: September 30, 2020
- 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

- 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
- 2012-2020** **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
2019	Second place of the Physiotherapy and Kinesiology Latin American Faculty Research Award. [<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	First prize of the best poster competition. [<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	Universidad de Santander Achievement Award 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	Second prize of the best paper competition. [<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 cardiorespiratoria y II concurso de investigadores cardiorespiratorios. Cusco, Peru	0
2015	Winner of the Best Paper Presentation Competition. [<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 Nutricion. Lima, Peru.	0
2011	Physiotherapy Program Achievement Award Universidad de Santander, Bucaramanga, Colombia This award recognizes outstanding faculty who have made significant contributions to research in physiotherapy.	0
2011	Winner of the Best Research Report Award. [<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	Winner of the Best Paper Presentation Competition. [<i>An approximation to the health and education reality of disabled people from Los Santos, Santander. 2010-2011</i>]. International conference: II Simposio Internacional III Nacional de Investigación en Fisioterapia, Universidad Manuela Beltrán. Bogota, Colombia	0

TRAVEL AWARDS

Year	Title	Amount CAD
2021	Meeting Travel Award. Quebec Pain Research Network	1000
2020	Libin International Trainee Symposium: Research is Better with Sex	1000

and Gender Travel Award

2019	Saskatchewan Epidemiology Association Travel Award	75
2019	Canadian Research Data Centre Network National Conference Student Travel Grant	510
2019	Global Health Travel Award University of Saskatchewan (declined) 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	CIHR National Research Poster Presentation Travel Award 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	CIHR National Research Poster Presentation Travel Award	1,000
2016	Canadian Association for Research on Work and Health (CARWH) Student Travel Award A competition among students presenting a poster in the CARWH 2016: Advancing Research to Improve Work and Health, Toronto, Canada	950
2016	Canadian Society for Epidemiology and Biostatistics Student Travel Award A competition among students presenting a poster in the 2016 Canadian Society for Epidemiology & Biostatistics (CSEB) National Student Conference. Winnipeg, Canada	300

SCHOLARSHIPS

Year	Title	Amount CAD
2018-2019	Founding Chairs Fellowship 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	CoMGRAD Scholarship 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	Founding Chairs Fellowship Canadian Centre for Health and Safety in Agriculture (CCHSA), University of Saskatchewan, Saskatoon, Canada	5,000
2016-2017	Founding Chairs Fellowship Canadian Centre for Health and Safety in Agriculture (CCHSA), University of Saskatchewan, Saskatoon, Canada	10,000
2016-2017	Community Health and Epidemiology Devolved Scholarship. Declined. College of Medicine, University of Saskatchewan, Saskatoon, Canada A competition among students pursuing a Ph.D. program; based on an	20,000

application outlining thesis project, CV, and reference letters.

2015-2016	Founding Chairs Fellowship Canadian Centre for Health and Safety in Agriculture (CCHSA), University of Saskatchewan, Saskatoon, Canada	6,500
2015-2016	Community Health and Epidemiology Devolved Scholarship 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	COLCIENCIAS National Doctoral Program Scholarship. (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	Tuition Reduction Scholarship Universidad de Valparaiso, Valparaiso, Chile 50% of tuition reduction was awarded based on academic excellence.	4,000
2006	Universidad Industrial de Santander Graduate Scholarship. Based on academic excellence.	5,000

GRANTS AWARDED

Principal Investigator= PI; Co-Investigator = Co-I; Collaborator=C

Year	Researchers/ <i>Project Title</i> /Funding Agency	Amount CAD
2021	Angarita-Fonseca A , Trask C, Bath B. (PI) The CRDCN Emerging Scholars Grant. Physical activity and chronic back disorders in Canadian adults. Canadian Research Data Centre Network, Canada.	1,000
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), Angarita-Fonseca A (Co-I) , 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
2015-2016	Gomez Diaz IC (PI), Cabrales MP (Co-I), Martinez-Marin RdP (Co-I), Angarita-Fonseca A (Co-I) . [<i>Effects of muscular strength of lower limbs on spasticity, gait, and functionality in post-stroke patients</i>]. Universidad de Santander, Colombia. 2014 Call for research proposals.	3,900
2012-2014	Herrera, Elizabeth (Principal Investigator); Martinez Marin, Rocio del Pilar (Co-I); Angarita Fonseca, Adriana (Co-I) . [<i>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</i>]. Colombian Administrative Department of Science, Technology and Innovation (COLCIENCIAS). Call 545, 2011 for research proposals.	59,000
2011-2102	Prada G, Martinez A, Rangel C, Betancourt MV, Angarita-Fonseca A . [<i>Factors associated with obesity among children aged 3 to 6 years in public child care centers in the Municipality of Floridablanca</i>]. Universidad Industrial de Santander.	1,000
2011-2012	Boneth-Collante M (PI), Angarita Fonseca A (Co-I) , Ariza-Garcia CL (Co-I), Hijuelos-Cardenas ML (Co-I). [<i>Validity of the Back Saver Sit and Reach test to assess flexibility of the lower limbs in schoolchildren in Bucaramanga</i>]. Universidad de Santander, 2011 Call for research proposals.	1,500

2011-2012	Carreño LM (PI), Angarita-Fonseca A (Co-I) . [<i>Association between quality of life health-related and urinary incontinence in women from the urban area of Bucaramanga</i>]. Universidad de Santander, 2011 Call for research proposals.	1,000
2011-2013	Pinzon MI (PI), Niño D (Co-I), Ramirez P (Co-I), Angarita-Fonseca A (Co-I) . [<i>Effectiveness of an educational intervention to increase compliance with the requirements of habilitation in the physical and respiratory therapy services of Bucaramanga city</i>]. Universidad de Santander, 2011 Call for research proposals.	1,500
2010-2011	Boneth-Collante M (PI), Angarita-Fonseca A (Co-I) , Ariza-Garcia CL (Co-I). [<i>Test-retest reliability of the Senior Fitness Test Battery to evaluate functional capacity in older adults in Bucaramanga</i>]. 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). [<i>Prevalence and characterization of disability in a rural and urban population of the municipality of Santos</i>]. 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. Program. Thesis Title. Co-supervisor with/Role. University, Country</i>
2018 (n=1)	Cogollos-Jimenez JA. Bachelor in Physiotherapy. [<i>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</i>]. 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. [<i>Association of aggressive behaviours and physical activity in adolescents aged 12 to 17 of an educational institution of the municipality of Floridablanca</i>]. Co-supervised with MSc. Cabrales MP, and MSc Torres JI. Universidad de Santander, Colombia
2016 (n=2)	Prada Sanabria LN, Reyes Moreno LF. Bachelor in Physiotherapy. [<i>Inter-rater reliability of the Ashworth Scale to assess muscle tone in lower limbs of post-stroke patients, Bucaramanga, 2015-2016</i>]. Co-supervised with MSc. Gomez-Diaz IC. Universidad de Santander, Colombia
2016 (n= 2)	Vargas-Saavedra AJ, Vieco-Sierra JC. Bachelor in Physiotherapy. [<i>Burnout level of the main caregivers of people with disabilities in the municipality of Floridablanca, 2016</i>]. 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. Bachelor in Physiotherapy. [<i>The effects of phase III and IV cardiac rehabilitation: A Systematic Review</i>]. Co-supervised with MSc. Sanchez JC. Universidad de Santander, Colombia
2016 (n=2)	Cuadros BH, Hernandez-Pereira P. Bachelor in Physiotherapy, “[<i>Effect of the Kinesio-taping, splint or combined use in patients with cerebral palsy, 2016: A Systematic review</i>]”. 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. Bachelor in Physiotherapy. [<i>Effect of flow restriction on the transverse diameter and isometric strength of quadriceps, and functionality in healthy adult women of the University of Santander,</i>

- Bucaramanga, 2016*]. Co-supervised with MD Julian Dario Figueroa Suarez. Universidad de Santander, Colombia
- 2015 (n=2) Suarez-Lopez C, Vanegas-Pallares L. Bachelor in Physiotherapy. [*Quality of life in people who attended or not a cardiac rehabilitation program after a percutaneous revascularization in the Comuneros University Hospital, 2014-2015*]. Co-supervised with MSc. Sanchez JC. Universidad de Santander, Colombia
- 2015 (n=2) Ramirez-Villalba C, Fernandez-Suarez A. Bachelor in Physiotherapy. [*Prevalence of non-specific low back pain in students of the UDES physiotherapy program, Bucaramanga, first semester of 2015*]. 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. Bachelor in Physiotherapy. [*Effectiveness of early mobilization on functionality, quality of life and length of stay in adults in intensive care units: a systematic review*]. 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. Bachelor in Physiotherapy. [*Reliability of the DASH and QUICK-DASH in patients with rotator cuff injury in Bucaramanga and its metropolitan area, 2015*]. 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. Bachelor in Physiotherapy. [*Content validity of the formative practice evaluation tools of the physiotherapy program, Universidad de Santander, 2015*]. Co-supervised with MSc. Boneth-Collante M, Universidad de Santander, Colombia
- 2015 (n=2) Cardenal-Daza JE, Quintero-Salas EdJ. Bachelor in physical culture, recreation and sports. [*Evaluation of VO₂max and body composition in pre-juvenile soccer players of the Comfenalco Soccer Academy, 2015*]. Co-supervised with Kin. Fausto Alarcon Quigua. Universidad Santo Tomas, Santander, Colombia
- 2015 (n=2) Sanchez-Vasquez JE, Gutierrez-Forero GA. Bachelor in physical culture, recreation and sports. [*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*]. Principal supervisor. Universidad Santo Tomas, Santander, Colombia
- 2014 (n=1) Cabezas-Palencia V. Bachelor in Physiotherapy. [*Effectiveness of virtual reality systems in the rehabilitation of the upper extremity in adults with acquired brain injury: A systematic review*]. 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, Osmá-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. Bachelor in Physiotherapy. [*Association between backpack weight and non-specific Low Back Pain in schoolchildren between 7 to 12 years of two schools of Bucaramanga, 2012*]. Principal Supervisor. Universidad de Santander, Colombia
- 2012 (n=1) Navas K. Bachelor in Physiotherapy. [*Households characterization of a rural and urban disabled population of the municipality "Los Santos", Santander in the period 2010 - 2011*]. Academic Advisor. Universidad de Santander, Colombia
- 2012 (n=2) Mora-Afanador C, Mora-Londoño KM. Bachelor in Physiotherapy. [*Academic and professional profile of physiotherapy alumni of the University of Santander, Bucaramanga, in the 2005 to 2010 cohorts*]. Academic Advisor. Universidad de Santander, Colombia
- 2011 (n=4) Angarita-Carrascal YT, Gomez-Hirreno EM, Monsalve-Moreno GA, Rojas-Santisteban RN. Bachelor in Physiotherapy. [*Test- retest reliability of the Senior Fitness Battery to assess functional fitness in older adults of Bucaramanga*]. 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. Program. Thesis Title. Co-supervisor with/Role. University, Country

- 2019-2021 (n=1) Niño DM. MSc in Statistics. [*Severity of disabilities in people affected by Hansen's disease in Santander, Colombia*]. Co-supervisor with Daira Velandia, Universidad de Santander

Master Student Supervision Completed [n=11]

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

- 2021 (n=2) Torres JI, Pinilla C. MSc in Science, Technology and Innovation Management. [*The current state of physiotherapy research: analysis of scientific and technological capabilities in Colombia*]. Principal Supervisor, Universidad de Santander, Colombia
- 2021 (n=1) Borrero L. MSc in Health Services Management. [*Factors associated with the participation in prenatal controls among pregnant women who had a childbirth in Floridablanca institutions, Santander, 2017*]. Co-supervisor with Martinez-Marin RdP, Universidad de Santander, Colombia
- 2019 (n=2) Larios- Martinez B, Echeverria-Avellaneda LS. MSc in Early Childhood. [*Association between motor development and learning in children from 2 to 5 years from centres of children's development of Bucaramanga. 2018 - 2019*]. 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. MSc in Health Services Management. [*Levels of User Satisfaction in the Area of Ambulatory Surgery of the Fundación Oftalmológica de Santander (FOSCAL Internacional) Floridablanca, 2015*]. Principal supervisor. Universidad de Santander, Colombia
- 2015 (n=1) Carrascal V. MSc in Health Services Management. [*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*]. Co-supervised with MSc. Uribe JC. Universidad de Santander, Colombia
- 2015 (n=1) Pinzon-Ochoa MI. MSc in Health Services Management. [*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*]. Co-supervised with Martinez Marin RdP. Universidad de Santander, Colombia

- 2014 (n=1) Pinzon-Rios ID. MSc. in Physical Activity and Sports Sciences, [*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*]. Co-supervisor with MSc. Correa-Pérez EA, Universidad de Pamplona, Colombia
- 2013 (n=2) Martinez Marin, Rocio del Pilar; Bueno-Balaguer, Luz Amanda. MSc in Health Services Management. [*Factors associated with access to physical therapy, speech therapy or occupational therapy services in people with cerebral palsy from Bucaramanga and the metropolitan area*]. 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; **Instructor**, *Research Project I*, Physiotherapy Program, Universidad de Santander,

2011-T2, 2012-T2	Colombia
2010-T2; 2011-T1; 2011-T2, 2012-T2	Instructor , <i>Research Project II</i> , Physiotherapy Program, Universidad de Santander, Colombia
2010-T2; 2011-T1; 2011-T2, 2012-T2	Instructor , <i>Research Thesis</i> , Physiotherapy Program, Universidad de Santander, Colombia
2010-T2	Instructor , <i>Epidemiology</i> , Health Science Department, Universidad de Santander, Colombia
2010-T1	Co-Instructor , <i>Biometrics</i> , School of Public Health, Universidad Industrial de Santander, Santander, Colombia
2008-T1; 2008-T2	Instructor , <i>Critical Epidemiology</i> , Bachelor in nursing, Fundacion Universitaria de S Gil, San Gil, Santander, Colombia
2008-T1; 2008-T2	Instructor , <i>Basic Epidemiology</i> , Bachelor in nursing, Fundacion Universitaria de Sar Gil, San Gil, Santander, Colombia
2008-T2	Co-instructor , <i>Research Thesis Seminar I</i> , School of Physiotherapy, Universidad Industrial de Santander, Santander, Colombia
2009-T1	Co-instructor , <i>Research Thesis Seminar II</i> , School of Physiotherapy, Universidad Industrial de Santander, Santander, Colombia
2008-T1;	Co-instructor , <i>Research II</i> , School of Physiotherapy, Universidad Industrial de Santander, Santander, Colombia
2007-T2;	Co-instructor , <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	Instructor , <i>Analytical epidemiology</i> , School of Public Health, Universidad Industrial Santander, Santander, Colombia
2007-T2; 2008-T2; 2009-T1; 2009-T2	Clinical Educator , <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	Clinical Educator , <i>Musculoskeletal Component of the Clinical Practice II</i> , School of Physiotherapy, Universidad Industrial de Santander, Santander, Colombia
2007-T1	Co-Instructor , <i>Musculoskeletal Component of the Physiotherapeutic Intervention</i> , School of Physiotherapy, Universidad Industrial de Santander, Santander, Colombia
2007-T2	Co-Instructor , <i>Medical Foundations II</i> , School of Public Health, Universidad Industrial de Santander, Santander, Colombia

PUBLICATIONS

Submitted

Angarita-Fonseca A, Gomez Diaz I, Pedrozo Araque E, Uribe Calderon LM, Umaefulam V, Premkumar K, Urbina M, Hijuelos ML, Busch AJ, Bidonde J. *Continuing education workshops and professional networking among rehabilitation workers in Honduras: a longitudinal prospective study design*. 2021. Submitted to: BMC Human Resources for Health

Jimenez-Mora MA, Ramírez Varela A, Meneses-Echavez JF, Bidonde J, **Angarita-Fonseca A**, Siemieniuk RAC, Zeraatkar D, Bartoszko J, Brignardello-Petersen R, Honarmand K, Rochwerg B, Guyatt G, Yepes-Nuñez JJ. *Patient-important Outcomes Reported in Clinical Studies of Pharmacologic Treatments for COVID-19: A Protocol of a Meta-epidemiological Study*. Preprint 2020 available at Research Square. Doi: 10.21203/rs.3.rs-107409/v1. Submitted to: BMC Systematic Reviews.

Jácome Hortúa AM, **Angarita Fonseca A**, Dutra de Souza HC, Martínez Marín RDP, Villamizar Jaimés CJ, de Paula Facioli T, Sánchez Delgado JC. *Reliability of the Scale of Barriers for Cardiac Rehabilitation in the Colombian Population*. Preprints 2020, 2020110223. doi: 10.20944/preprints202011.0223.v1. Submitted to: International Journal of Environmental Research and Public Health

Angarita-Fonseca A, Lovo S, Gomez-Diaz IC, Busch A, Hijuelos Cardenas ML, Basualdo ML, Premkumar K, Urbina M, Bidonde J. *Evaluation of international continuing education on neurorehabilitation for rehabilitation health workers in Honduras: a pretest-posttest design*. Preprint 2020 available at Research Square. Doi: 10.21203/rs.3.rs-49477/v1. Submitted to: Disability, CBR & Inclusive Development.

Published Peer-Reviewed Articles [n=51]

Publication summary

	Original Research	Systematic/literature Review	Subtotal
1st Author	9	0	9
2nd Author	14	1	15
Middle Author	6	0	6
Last Author	20	1	21
Subtotal	49	2	51
Scopus	27	1	28

2020

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.

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

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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 Geriátría. 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-Marín 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 Girón, 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, Ortiz 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". Bogotá, Colombia, Nov 4, 2011

Corredor A, Cardenas SM, Ariza García 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, Page 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.

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.

- 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.
- 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 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)

- 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

- 2020 2020 Research Grant funding. Universidad del Valle, Colombia
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

- 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 entitled 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

- 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
- 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
- 2018-Present Student 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. Category A according to the Colombian Administrative Department of Science, Technology and Innovation.
- 2010-Present Member of the Colombian Physiotherapy Association.

REFERENCES

- Catherine Trask, PhD** Faculty, Ergonomics Division (Ergonomi Avdelning), Department of Biomedical Engineering and Health Systems (Medicinteknik och Hälssystem), School of Engineering Sciences in Chemistry, Biotechnology, & Health (Kemi, Bioteknologi och Hälsa), Royal Institute of Technology (Kungliga Tekniska Högskolan), Stockholm, Sweden. Telephone: (+46) 076 704 86 35
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