

The University of  
Saskatchewan

# FOUNDING CHAIRS Fellowship Recipients 2014 - 2018



**CCHSA** **CCSSMA**  
Canadian Centre for Health and Safety in Agriculture Centre canadien de santé et sécurité en milieu agricole



# 2017 - 2018

- Behzad Bashiri (Postdoctoral Award)
- Amanda Florentina do Nascimento (Postdoctoral Award)
- Adriana Angarita Fonseca (PhD Award)
- Amanda Froehlich Chow (Postdoctoral Award)
- Ulfat Ara Khanam (PhD Award)
- Maurice M'bang'ombe (PhD Award)
- Oluwafemi Oluwole (Postdoctoral Award)
- Upkardeep Singh Pandher (PhD Award)
- Robyn Reist (Master's Award)
- Marcus Yung (Postdoctoral Award)



**BEHZAD BASHIRI** (Postdoctoral Award)

**PROJECT TITLE**

*Investigating whole-body vibration impacts on farm machinery egress performance*

Behzad Bashiri received his PhD in Biosystems Engineering from University of Manitoba in 2015. During his PhD, he conducted studies related to human factors and ergonomics in the agricultural domain. He specifically focused on studying operators' mental workload, situation awareness, heart rate variability, and performance in response to task automation in agricultural tractors. Behzad joined the Ergonomics Lab at CCHSA in November 2016 as a postdoctoral fellow to work under supervision of Drs. Trask and Millosavljevic. He has received postdoctoral fellowship awards from Saskatchewan Health Research Foundation (SHRF) and the College of Medicine, University of Saskatchewan.

**Projects and publications**

Google Scholar <https://scholar.google.com/citations?user=zJw8jaMAAAAJ&hl=en>

Researchgate <http://research-groups.usask.ca/ergolab/about-us/behzad-bashiri-.php>

LinkedIn <https://www.linkedin.com/in/behzad-bashiri-090a248/>



**AMANDA FLORENTINA DO NASCIMENTO** (Postdoctoral Award)

**PROJECT TITLE**

*Allergic lung inflammation in offspring of pregnant mice exposed to organic dust*

Amanda is from São Paulo, Brazil. She completed her undergraduate degree in veterinary medicine and graduate studies at the School of Veterinary Medicine, University of São Paulo, before starting postdoctoral training under the supervision of Dr. Baljit Singh and Dr. Shelley Kirychuck at the U of S. In 2016, Amanda received a Postdoctoral Fellowship Grant from Natural Sciences and Engineering Research Council of Canada (NSERC) to explore the "Effects of natural exposure to microbial molecules in pregnant mice on their offspring on allergic lung inflammation".

**Projects and publications**

<https://www.karger.com/Article/Pdf/363350>

<https://www.karger.com/Article/Abstract/350705>

Researchgate [https://www.researchgate.net/profile/Amanda\\_Nascimento3](https://www.researchgate.net/profile/Amanda_Nascimento3)

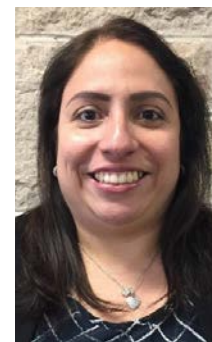
LinkedIn <https://www.linkedin.com/in/amanda-nascimento-bb74b645/>

## ADRIANA ANGARITA FONSECA (PHD AWARD)

### PROJECT TITLE

*Physical activity and chronic back disorders in Canadian adults: a comparison between rural and urban dwellers*

Adriana is from Bucaramanga, Colombia. She completed her undergraduate degree in physiotherapy and her Master's in epidemiology at the Universidad Industrial de Santander. Also, she completed her Master's in statistics at the Universidad de Valparaíso, Chile, before starting her doctoral training under the supervision of Dr. Catherine Trask and Dr. Brenna Bath at the U of S. In 2016, Adriana received the College of Medicine Graduate Student Awards (CoMGRAD) scholarship to pursue her Ph.D. thesis.



### Projects and publications

Google Scholar <https://scholar.google.com/citations?user=YdUL8YgAAAAJ&hl=en>

Researchgate [https://www.researchgate.net/profile/Adriana\\_Angarita](https://www.researchgate.net/profile/Adriana_Angarita)

LinkedIn <https://ca.linkedin.com/in/adriana-angarita-fonseca-a3153013>

ORCID: <https://orcid.org/0000-0003-3806-8468>

CV [http://scienti.colciencias.gov.co:8081/cvlac/visualizador/generarCurriculoCv.do?cod\\_rh=0000799513](http://scienti.colciencias.gov.co:8081/cvlac/visualizador/generarCurriculoCv.do?cod_rh=0000799513)

## AMANDA FROEHLICH CHOW (Postdoctoral Award)

### PROJECT TITLE

*Supporting Rural Dementia Patients and Their Caregivers: Identification of Rural Team-Based Primary Health Care Approaches for Dementia*

Dr. Amanda Froehlich Chow is a Postdoctoral Fellow in the Canadian Centre for Health and Safety in Agriculture (CCHSA) working with Dr. Debra Morgan. As a Métis woman from rural Saskatchewan Amanda is particularly passionate about improving the health of those living in rural and remote communities. Amanda is currently working with the RaDAR team where she is investigating approaches to team based primary health care for individuals with dementia living in rural areas.



### Projects and publications

Researchgate [https://www.researchgate.net/profile/Amanda\\_Chow](https://www.researchgate.net/profile/Amanda_Chow)



**ULFAT ARA KHANAM** (PhD Award)

**PROJECT TITLE**

***Predicting and validating asthma among rural and urban children***

Ulfat completed her undergraduate in Bachelor of Medicine and Surgery (MBBS) from Rajshahi Medical College, University of Rajshahi, Bangladesh. After completing her MBBS degree, she worked as a lecturer in the Department of Anatomy at Ibrahim Medical College, University of Dhaka, Bangladesh. Currently, she is enrolled in an MSc program in the Department of Community Health and Epidemiology under the supervision of Dr. Joshua Lawson. She will start PhD program in the Department of Health Sciences from January 2018 under the supervision of Dr. Lawson.

**Projects and publications**

Researchgate [https://www.researchgate.net/profile/Ulfat\\_Khanam](https://www.researchgate.net/profile/Ulfat_Khanam)



**MAURICE M'BANG'OMBE** (PhD Award)

## **OLUWAFEMI OLUWOLE (Postdoctoral Award)**

### **PROJECT TITLE**

#### ***Asthma Phenotypes and Severity among Children in Saskatchewan***

Oluwafemi is a Postdoctoral fellow in the College of Nursing and the Canadian Centre for Health and Safety in Agriculture, University of Saskatchewan, under the supervision of Dr. Donna Rennie. He completed his undergraduate degree in Agriculture from the University of Ibadan, Nigeria, and Master's degree in Environmental Science from the University of Greenwich, United Kingdom. He completed his PhD degree from the University of Saskatchewan with scholarships from the Vanier Canada Graduate Scholarship, Saskatchewan Innovation and Opportunity Scholarship and the Public Health and the Rural Agricultural Ecosystem. Prior to joining the University of Saskatchewan and the Canadian Centre for Health and Safety in Agriculture, Oluwafemi worked as a Research Associate with the Centre for Global Health at the University of Chicago, USA. Research interests are respiratory health, agricultural exposures and health, rural and remote health. In 2017, Oluwafemi received a research fellowship from the Saskatchewan Health Research Foundation (SHRF) to investigate the progression of asthma and asthma severity in children.



### **Projects and Publications**

Google Scholar <https://scholar.google.ca/citations?user=C4CHsjAAAAAJ&hl=en>

## **UPKARDEEP SINGH PANDHER (PhD Award)**

### **PROJECT TITLE**

#### ***Unravelling the molecular and inflammatory nature of endotoxin and glyphosate inhalation exposure***

Upkar is currently a Ph.D. Candidate in the Department/College of Medicine at the University of Saskatchewan (U of S), Canada. He is a NSERC CREATE-ItraP (Integrated Training Program in Infectious Diseases, Food Safety and Public Policy) fellow. His research is based at the Canadian Centre for Health and Safety in Agriculture (CCHSA), home to CFI-funded National Agricultural Industrial Hygiene Laboratory (NAIHL). Recently, he has received a Graduate Professional Skills Certificate based at Gwenna Moss Centre for Teaching and Learning (GMCTL) and providing skills training to fellow graduate students. Upkar loves playing curling, skating (beginner), baseball, cricket etc. Please follow this link for more information <http://www.cchsa-ccssma.usask.ca/people/students1/upkar-singh-pandher.php>.



### **Projects and publications**

Researchgate [https://www.researchgate.net/profile/Upkardeep\\_Singh](https://www.researchgate.net/profile/Upkardeep_Singh)

LinkedIn <https://www.linkedin.com/in/upkardeep-singh-a9499a116/>

<http://www.cchsa-ccssma.usask.ca/people/students1/upkar-singh-pandher.php>



**ROBYN REIST** (Master's Award)

**PROJECT TITLE**

***Risk Factor Identification and Ergonomic Assessment of Bovine Rectal Palpations***

Robyn grew up in Humboldt, Saskatchewan, and completed undergraduate degrees in Engineering Physics and Mathematics at the University of Saskatchewan in 2009. She worked for Cameco Corporation in health and safety roles from 2010-2017. She joined the CCHSA's Ergonomics Lab as a research assistant in summer 2017 before starting a Master's program in Community and Population Health Science in the fall, under the supervision of Dr. Catherine Trask. Her project contributes to the ongoing Ergo-Vet project.

**Projects and Publications**

Ergo Lab <http://research-groups.usask.ca/ergolab/our-research/ergo-vet--assessing-the-ergonomic-demands-of-large-animal-veterinarians.php>



**MARCUS YUNG** (Postdoctoral Award)

**PROJECT TITLE**

***Shaken, and Stirred: Exploring the Bonds Between Whole Body Vibration and Human Performance***

Marcus Yung completed his undergraduate studies at Simon Fraser University in Kinesiology, and his Master of Science degree in biomechanics and PhD in Work and Health at the University of Waterloo. Currently, he is a Saskatchewan Health Research Foundation (SHRF) postdoctoral fellow at the Ergonomics Lab within the Canadian Centre for Health and Safety in Agriculture. His research focuses on measuring exposures and assessing risks in contemporary forms of work, with the goal of preventing deleterious acute effects, minimizing adverse long-term health outcomes, and optimizing occupational performance.

**Projects and publications**

Google Scholar <https://scholar.google.ca/citations?user=TF5YVAcAAAAJ&hl=en&oi=ao>  
 Researchgate [https://www.researchgate.net/profile/Marcus\\_Yung](https://www.researchgate.net/profile/Marcus_Yung)  
 LinkedIn <https://www.linkedin.com/in/marcusyung/>



# 2016 - 2017

- Luan Manh Chu (PhD Award)
- Adriana Angarita Fonseca (PhD Award)
- Arcadio Viveros Guzmán (Postdoctoral Award)
- Diana Murcia-Rodriguez (Master's Award)
- Upkardeep Singh Pandher (PhD Award)
- David Schneberger (Postdoctoral Award)
- Marcus Yung (Postdoctoral Award)



**LUAN MANH CHU (PHD AWARD)**

**PROJECT TITLE**

***Farm exposures and prevalence of atopy among school-aged children: A focus on the Hutterite population (Updated to: Farm exposures and prevalence of atopy among school-aged children living in agricultural settings)***

Luan Manh Chu is currently a Ph.D. student in the Department/College of Medicine at University of Saskatchewan (U of S), Canada. His research is based at the Canadian Centre for Health and Safety in Agriculture (CCHSA) under the supervision of [Dr. Joshua Lawson](#).

After three years of working at the National Institute for Food Control (Vietnam), Mr. Chu moved to Saskatoon with an undergraduate degree in Public Health from the Hanoi University of Public Health in Vietnam to pursue his further study. He completed his MSc program in the Department of Community Health and Epidemiology in August 2014. For his MSc, Mr. Chu completed an analysis looking at the prevalence and risk factors for atopy among rural dwelling school children in Saskatchewan. He used previously collected questionnaire and atopy skin prick testing data. Since September 2014 Mr. Chu has been enrolled in a Ph.D. program in Health Sciences at the University of Saskatchewan. For his Ph.D., Mr. Chu will build on his previous research by continuing to study allergic disease in unique farming populations. As part of this, he has been researching work completed with farming groups including Hutterites living in Saskatchewan.

Mr. Chu holds the Public Health and the Agricultural Rural Ecosystem (PHARE) fellowship (2014-2015), College of Medicine Devolved Scholarship (2015-2016), CCHSA Founding Chairs Fellowship (2015-2016) and was awarded a Saskatchewan Innovation & Opportunity Scholarships by the College of Graduate Studies and Research and a CCHSA Founding Chairs Fellowship (2016-2017).

**Accomplishments during award period**

- 2015-2016 Academic year: Received the Saskatchewan Innovation & Opportunity Scholarship by the College of Graduate Studies and Research, University of Saskatchewan
- 2016-2017 Academic year: Received the Saskatchewan Innovation & Opportunity Scholarship by the College of Graduate Studies and Research, University of Saskatchewan

## Publications

- o Lawson J, Chu LM, Rennie D, Hagel L, Karunanayake C, Pahwa P, Dosman J. Prevalence, risk factors, and clinical outcomes of atopic and non-atopic asthma among rural children. *The Annals of Allergy, Asthma and Immunology*. 2017 Jan 10. pii: S1081-1206(16)31358-8. doi: 10.1016/j.anai.2016.11.024. [Epub ahead of print]
- o Chu LM, Pahwa P. Prevalence and associated factors for self-reported asthma in a Canadian population: The Canadian Community Health Survey, 2014. *Journal of Asthma*. 2017 Mar 27:1-9. doi: 10.1080/02770903.2017.1310228. [Epub ahead of print]

## Testimonial

I was very fortunate to receive the 2015-2016 and 2016-2017 Founding Chairs Fellowship. These fellowships helped me both financially and academically. As an international student, any supplemental funding is extremely helpful, but the Founding Chairs Fellowship has a unique contribution to my academic progress and career. Being supported by my academic supervisor, Dr. Lawson, I was able to concentrate on my research and contribute to CCHSA as a PhD student by attending weekly seminar, interacting well with colleagues from CCHSA and being exposed to many other agricultural, rural and remote population-based research projects. By doing so, I had the opportunity to learn from what other researchers are doing and apply these skills to enhance my personal development skills needed for my future as a researcher.

## Projects and publications

Researchgate [https://www.researchgate.net/profile/Luan\\_Chu2](https://www.researchgate.net/profile/Luan_Chu2)

LinkedIn <https://www.linkedin.com/in/luan-manh-chu-8b99408b/>

CCHSA profile <http://www.cchsa-ccssma.usask.ca/people/students1/luan-manh-chu.php>



**ADRIANA ANGARITA FONSECA (PhD Award)**

**PROJECT TITLE**

***A comparison of physical activity and chronic back disorders in Canadian adults among rural and urban dwellers***

Adriana is from Bucaramanga, Colombia. She completed her undergraduate degree in physiotherapy and her Master’s in epidemiology at the Universidad Industrial de Santander. Also, she completed her Master’s in statistics at the Universidad de Valparaíso, Chile, before starting her doctoral training under the supervision of Dr. Catherine Trask and Dr. Brenna Bath at the U of S.

**Accomplishments during award period**

**Funding**

- Principal applicant: Catherine Trask. Co-applicant: Adriana Angarita Fonseca. Diana Sanchez Ramirez visiting scholar: Estimating the Burden of Injuries Among the Métis Nation of Alberta, Canada. \$1022 (Canadian dollar). Funding Source: Visiting Lecturer Fund, University of Saskatchewan.
- Principal applicant: Brandy Winquist. Co-applicant: Adriana Angarita Fonseca. Saskatchewan Epidemiology Association's 17th Annual Fall Symposium & Workshop. \$3600 (Canadian dollar). Funding Source: SHRF Research connections. <https://shrf.ca/Health-Research/Recipient-Details?recipID=4318>

**Awards**

- CIHR funding for the top 5% of doctoral students for participation in the Canadian Student Health Research Forum. June 6-7, 2017, Winnipeg. It was a competitive application process based on abstract and nomination from the CHEP Department. \$1000 (Canadian dollar).
- College of Medicine Graduate Award – \$54000 (Canadian dollar). It is awarded to outstanding graduate students in the College of Medicine.

**Abstracts**

- Boneth M, Marín RDP, Fernandez A, Ramirez C, Angarita A. Factores asociados a la prevalencia del dolor lumbar inespecífico en estudiantes de fisioterapia Bucaramanga 2015. Proceedings of the XXV Colombian Physiotherapy Congress. March 17-19, 2017. Bogotá, Colombia
- Angarita A, Trask C, Bath B. Does Moving More Improve Back Health?: Physical Activity and Chronic Back Disorders in Canadian Adults. Proceedings of the Canadian Student Health Research Forum. June 6-7, 2017, Winnipeg, Canada
- Boneth M, Niño D, Angarita A, Ortiz A, Marin J. Efectos del kinesiotaping sobre los parametros clinicos y funcionales de la marcha en adultos con lesion de ligamento

cruzado anterior. Ensayo clínico controlado. I Encuentro Internacional de Investigación Universitaria. September 7, 8, 2017. Tujan, Colombia

- Boneth M, Hijuelos ML; Martínez RPMM; Angarita Fonseca A; Carrascal G; Guerra Y. “Asociación entre exceso de peso y dolor lumbar inespecífico en estudiantes universitarios, cohorte prospectiva-Colombia”. VII Encuentro Latinoamericano de Académicos en Fisioterapia y Kinesiología. Octubre 13-15, Lima, Perú

#### **Invited lecturer**

- PTH-862-02. Evidence Based Practice II. Epidemiological Research I. University of Saskatchewan. May 17, 2017. 2 hours.
- PTH-862-02. Evidence Based Practice II. Epidemiological Research II. Stats. University of Saskatchewan. May 24, 2017. 2 hours.

#### **Journal Editor**

- Revista Facultad de Ciencias de la Salud UDES. <http://www.journalhealthsciences.com/index.php/UDES/index>

#### **Testimonial**

I am sincerely grateful to the Founding Chairs Fellowship because I felt financially supported during this year. I did not have to worry about funding. It allowed me to focus on my studies to pass the comprehensive exam.

#### **Projects and publications**

Google Scholar <https://scholar.google.com/citations?user=YdUL8YgAAAAJ&hl=en>

Researchgate [https://www.researchgate.net/profile/Adriana\\_Angarita](https://www.researchgate.net/profile/Adriana_Angarita)

LinkedIn <https://ca.linkedin.com/in/adriana-angarita-fonseca-a3153013>

ORCID <https://orcid.org/0000-0003-3806-8468>

CV [http://scienti.colciencias.gov.co:8081/cvlac/visualizador/generarCurriculoCv.do?cod\\_rh=0000799513](http://scienti.colciencias.gov.co:8081/cvlac/visualizador/generarCurriculoCv.do?cod_rh=0000799513)



**ARCADIO VIVEROS GUZMÁN** (Postdoctoral Award)

**PROJECT TITLE**

***Community-based education intervention to improve knowledge of One Health drivers of malnutrition in Amazonian communities in Peru***

Arcadio is originally from Veracruz, Mexico. He completed his undergraduate degree in Agronomy and a Certificate in Organic Agriculture in the Faculty of Agricultural Sciences at the Universidad Veracruzana in Mexico. He then completed his Master's in Science in Tropical Agroecosystems at the Colegio de Postgraduados Campus Veracruz. In Canada, Arcadio went on to do his Master of Education in Educational Communications and a Doctoral Degree at the University of Saskatchewan. In 2016, he received the Founding Chairs Fellowship to pursue postdoctoral training to collaborate as a co-investigator in an international One Health-research project under the supervision of Dr. Shelley Kirychuk in the Canadian Centre for Health and Safety in Agriculture at the University of Saskatchewan. The ultimate goal of this study is to propose strategies that improve knowledge, attitudes, and practices that influence malnutrition.

**Accomplishments during award period**

During his postdoctoral fellowship, Arcadio developed a questionnaire-based survey, and its statistical/analytical methods, to identify risk factors related to the nutrition and health status of children and animals. Arcadio also collaborated in translating the survey into Spanish and in informing the ethics review application. During his postdoctoral fellowship, he also translated educational materials that concern occupational health and safety information and advice for Latino migrant farmworkers in Saskatchewan. Arcadio also shared the findings of his doctoral research with Mexican university professors who are directors and lead faculty members of three Undergraduate Programs focusing on Agricultural and Environmental Sciences, as well as Sustainable Development in Mexico. He was invited by the Journal of Agromedicine's Editorial Office to act as a reviewer of an agricultural health and safety paper submitted to such journal.

**Testimonial**

The Founding Chairs Fellowship that the Canadian Centre for Health and Safety in Agriculture awarded me, advanced my career by providing exceptional learning opportunities at the international level, and by enriching my scientific research skills that have been key to promoting the health and education of agricultural populations. In sum, the Founding Chairs Fellowship helped me to approach scientific research, agricultural health, and occupational safety through more interdisciplinary and comprehensive frameworks.

**DIANA MURCIA-RODRIGUEZ** (Master's Award)



**UPKARDEEP SINGH PANDHER** (PhD Award)

**PROJECT TITLE**

*Unravelling the molecular and inflammatory nature of endotoxin and glyphosate inhalation exposure.*

Upkar is currently a Ph.D. Candidate in the Department/College of Medicine at University of Saskatchewan (U of S), Canada. He is a NSERC CREATE-ItraP (Integrated Training Program in Infectious Diseases, Food Safety and Public Policy) fellow. His research is based at the Canadian Centre for Health and Safety in Agriculture (CCHSA), home to CFI-funded National Agricultural Industrial Hygiene Laboratory (NAIHL). Recently, he has received a Graduate Professional Skills Certificate based at Gwenna Moss Centre for Teaching and Learning (GMCTL) and providing skills training to fellow graduate students. Upkar loves curling, skating (beginner), baseball, cricket etc.

Please follow this link for more information

<http://www.cchsa-ccssma.usask.ca/people/students1/upkar-singh-pandher.php>



**Accomplishments during award period**

- ZIBI International Travel Grant to attend ZIBI Summer School, 2016-17 in Berlin, Germany. Please follow this link for reflection on this experience <https://medicine.usask.ca/news/2017/mydm/training,-networking,-and-exploring-europe.php>
- NSERC CREATE Travel Grant to attend ITrAP Summer School, 2016-17 in Punjab, India.
- University of Saskatchewan Graduate Scholarship (2016-2019)
- College of Medicine Proficiency Award

**Testimonial**

Founding Chairs Fellowship provides an opportunity to interact or network with other agricultural researcher along with the financial support during the program.

**Projects and publications**

Researchgate [https://www.researchgate.net/profile/Upkardeep\\_Singh](https://www.researchgate.net/profile/Upkardeep_Singh)

LinkedIn <https://www.linkedin.com/in/upkardeep-singh-a9499a116/>

CCHSA profile <http://www.cchsa-ccssma.usask.ca/people/students1/upkar-singh-pandher.php>



**DAVID SCHNEBERGER** (Postdoctoral Award)

**PROJECT TITLES**

1. *Effect of low dose CO<sub>2</sub> and ammonia on barn dust induced lung inflammation.*
2. *Barn Dust Exposure and Lung Inflammation in Animals and Workers– Role of Lung Surfactant.*

David is from Saskatoon, and has degrees in Microbiology, Veterinary Microbiology, and Veterinary Biomedical Sciences from the University of Saskatchewan. He has completed a postdoctoral fellowship at the University of Nebraska Medical Center, and returned home to start another postdoctoral fellowship with Dr. Shelley Kirychuk studying immune responses to organic dusts and co-exposures. He has received pilot grants for his work through the OneHealth Research Development fund and the College of Medicine Research (CoMRAD) fund.

**Accomplishments during award period**

In the last two years David has published three peer-reviewed papers, and co-authored a book chapter on lung vascular epithelial cells. He is currently working to submit two additional papers this year. He has also had the opportunity to advance his teaching by taking over the class in rural agricultural health (AGMD800.3) for a year. His current work has recently implicated workplace CO<sub>2</sub> levels as being able to alter immune responses in the lung to environmental dusts.

**Testimonial**

Without the Founding Chairs Fellowship I would not have been able to return home and continue my work. The University of Saskatchewan has the specific equipment and expertise for me to carry on my work, especially with regards to workplace air exposure. I would not have been able to do this work anywhere else.

**Projects and Publications**

ResearchGate [https://www.researchgate.net/profile/David\\_Schneberger](https://www.researchgate.net/profile/David_Schneberger)

PubMed <https://www.ncbi.nlm.nih.gov/pubmed/?term=schneberger+d>



## MARCUS YUNG (Postdoctoral Award)

### PROJECT TITLE

#### *Shaken, and Stirred: Exploring the Bonds Between Whole Body Vibration and Human Performance*

Marcus Yung completed his undergraduate studies at Simon Fraser University in Kinesiology, and his Master of Science degree in biomechanics and PhD in Work and Health at the University of Waterloo. Currently, he is a Saskatchewan Health Research Foundation (SHRF) postdoctoral fellow at the Ergonomics Lab within the Canadian Centre for Health and Safety in Agriculture. His research focuses on measuring exposures and assessing risks in contemporary forms of work, with the goal of preventing deleterious acute effects, minimizing adverse long-term health outcomes, and optimizing occupational performance.



### Accomplishments during award period

#### Publications

- Yung, M., Lang, A.E., Stobart, J., Kociolek, A.M., Milosavljevic, S., & Trask, C. "The combined fatigue effects of sequential exposure to whole body vibration and physical, mental, and concurrent work demands". PlosOne. Accepted.
- Yung, M., Tennant, L., Milosavljevic, S., & Trask, C. "The multi-system effects of simulated whole body vibration on sensorimotor and cognitive performance". Submitted.
- Yung, M., Manji, R., & Wells, R.P. (2017) "Exploring the relationship of task performance and physical and cognitive fatigue during a daylong light precision task". *Human Factors*, 59(7), 1029-1047.
- Yung, M., & Wells, R.P. (2017) "Documenting the temporal pattern of fatigue development". *IIE Transactions on Occupational Ergonomics and Human Factors*. In Print.
- Alwasel, A., Yung, M., Abdel-Rahman, E.M., Wells, R.P., & Hass, T. (2017) "Fatigue detection using phase-space warping". *Journal of Biomechanical Engineering*. 139(3). DOI: 10.1115/1.4035367.

#### Presentations

- Yung, M., Milosavljevic, S., & Trask, C. "Exploring the acute effects of whole body vibration: A simulated vibration study using guideline thresholds". 20th Congress International Ergonomics Association Conference. Submitted
- Yung, M., Milosavljevic, S., & Trask, C. "Investigating the sequential combined effects of whole body vibration and physical or mental work demands: Are fatigue effects additive?". 20th Congress International Ergonomics Association Conference. Submitted.
- Yung, M. "Shaken, and stirred: Exploring the bonds between whole body vibration and human performance." Canadian Centre for Health and Safety in Agriculture Seminar. (Invited Presentation)
- Yung, M. "Addressing the ergonomic challenges of contemporary work: Piecing together the puzzle of musculoskeletal disorder risk and work performance." Division of General Medical Sciences, Washington University in St. Louis. (Invited Presentation).

- Yung, M., Tennant, L., Milosavljevic, S., & Trask, C. "Just shake it off: Is the human body tailored for whole body vibration." Nordic Ergonomic Society Conference 2017. Lund, Sweden. (Oral).
- Yung, M., Lang, A., Kociolek, A.M., Milosavljevic, S., & Trask, C. "The combined multi-system effects of whole body vibration and physical and/or mental work demands." Nordic Ergonomic Society Conference 2017. Lund, Sweden. (Oral).
- Yung, M., Milosavljevic, S., & Trask, C. "Are current international whole body vibration standards sufficient to reduce acute cognitive and sensorimotor effects?" Saskatchewan Epidemiology Association 17th Annual Fall Symposium & Workshop. Regina, Saskatchewan. (Poster)
- Bashiri, B., Milosavljevic, S., Yung, M., Trask, C. "Investigating the impact of whole body vibration on farm machinery egress performance: Developing a test protocol." Canadian Society of Bioengineering Annual General Meeting and Technical Conference. Winnipeg, Manitoba. (Poster)
- Yung, M. "Novel ergonomic exposure assessment methods for contemporary work". Grand Rounds, Department of Medicine, University of Saskatchewan. (Invited Presentation).
- Cockburn, A., Gutwin, C., Palanque, P., Deleris, Y., Trask, C., Coveney, A., Yung, M., & MacLean, K. "Turbulent touch: Touchscreen input for cockpit flight displays." ACM Conference on Human Factors in Computing Systems (CHI) 2017. Denver, United States. (Oral).
- Yung, M., Stobart, J., Lang, A.E., Kociolek, A.M., Milosavljevic, S., & Trask, C. "Combined effects of whole body vibration and physically or mentally demanding tasks: Exploring potential for work schedule planning". Canadian Association for Research on Work and Health. Toronto, Canada. (Oral).

### Testimonial

The Founding Chairs Fellowship program has afforded me the opportunity to conduct fruitful research in Agricultural Ergonomics, specifically investigations in the effects of whole body vibration exposure and strategies to mitigate musculoskeletal injury and accident risk. It is anticipated that this research will build capacity towards future research initiatives and provide preliminary practical insight for agricultural, rural and remote populations.

### Projects and publications

Google Scholar <https://scholar.google.ca/citations?user=TF5YVAcAAAAJ&hl=en&oi=ao>

Researchgate [https://www.researchgate.net/profile/Marcus\\_Yung](https://www.researchgate.net/profile/Marcus_Yung)

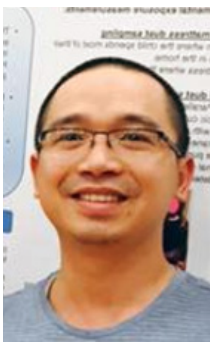
LinkedIn <https://www.linkedin.com/in/marcusyung/>

# 2015 - 2016

- Allison Cammer (PhD Award)
- Luan Manh Chu (PhD Award)
- Adriana Angarita Fonseca (PhD Award)
- Ufat Ara Khanam (Master's Award)
- Xiaoke Zeng Master's Award)



**ALLISON CAMMER** (PhD Award)



**LUAN MANH CHU** (PHD AWARD)

**PROJECT TITLE**

*Farm exposures and prevalence of atopy among school-aged children: A focus on the Hutterite population (Updated to: Farm exposures and prevalence of atopy among school-aged children living in agricultural settings)*

Luan Manh Chu is currently a Ph.D. student in the Department/College of Medicine at University of Saskatchewan (U of S), Canada. His research is based at the Canadian Centre for Health and Safety in Agriculture (CCHSA) under the supervision of [Dr. Joshua Lawson.](#)

After three years of working at the National Institute for Food Control (Vietnam), Mr. Chu moved to Saskatoon with an undergraduate degree in Public Health from the Hanoi University of Public Health in Vietnam to pursue his further study. He completed his MSc program in the Department of Community Health and Epidemiology in August 2014. For his MSc, Mr. Chu completed an analysis looking at the prevalence and risk factors for atopy among rural dwelling school children in Saskatchewan. He used previously collected questionnaire and atopy skin prick testing data. Since September 2014 Mr. Chu has been enrolled in a Ph.D. program in Health Sciences at the University of Saskatchewan. For his Ph.D., Mr. Chu will build on his previous research by continuing to study allergic disease in unique farming populations. As part of this, he has been researching work completed with farming groups including Hutterites living in Saskatchewan.

Mr. Chu holds the Public Health and the Agricultural Rural Ecosystem (PHARE) fellowship (2014-2015), College of Medicine Devolved Scholarship (2015-2016), CCHSA Founding Chairs Fellowship (2015-2016) and was awarded a Saskatchewan Innovation & Opportunity Scholarships by the College of Graduate Studies and Research and a CCHSA Founding Chairs Fellowship (2016-2017).

**Accomplishments during fellowship period**

- 2015-2016 Academic year: Received the Saskatchewan Innovation & Opportunity Scholarship by the College of Graduate Studies and Research, University of Saskatchewan

- 2016-2017 Academic year: Received the Saskatchewan Innovation & Opportunity Scholarship by the College of Graduate Studies and Research, University of Saskatchewan

### **Publications**

- Lawson J, Chu LM, Rennie D, Hagel L, Karunanayake C, Pahwa P, Dosman J. Prevalence, risk factors, and clinical outcomes of atopic and non-atopic asthma among rural children. *The Annals of Allergy, Asthma and Immunology*. 2017 Jan 10. pii: S1081-1206(16)31358-8. doi: 10.1016/j.anai.2016.11.024. [Epub ahead of print]
- Chu LM, Pahwa P. Prevalence and associated factors for self-reported asthma in a Canadian population: The Canadian Community Health Survey, 2014. *Journal of Asthma*. 2017 Mar 27:1-9. doi: 10.1080/02770903.2017.1310228. [Epub ahead of print]

### **Testimonial**

I was very fortunate to receive the 2015-2016 and 2016-2017 Founding Chairs Fellowship. These fellowships helped me both financially and academically. As an international student, any supplemental funding is extremely helpful, but the Founding Chairs Fellowship has a unique contribution to my academic progress and career. Being supported by my academic supervisor, Dr. Lawson, I was able to concentrate on my research and contribute to CCHSA as a PhD student by attending weekly seminar, interacting well with colleagues from CCHSA and being exposed to many other agricultural, rural and remote population-based research projects. By doing so, I had the opportunity to learn from what other researchers are doing and apply these skills to enhance my personal development skills needed for my future as a researcher.

### **Projects and publications**

Researchgate [https://www.researchgate.net/profile/Luan\\_Chua](https://www.researchgate.net/profile/Luan_Chua)

LinkedIn <https://www.linkedin.com/in/luan-manh-chu-8b99408b/>

CCHSA profile <http://www.cchsa-ccssma.usask.ca/people/students1/luan-manh-chu.php>



**ADRIANA ANGARITA FONSECA (PhD Award)**

**PROJECT TITLE**

***Low back pain in poultry industry workers: Prevalence, risk factors, consequences, and a cross-cultural comparison***

Adriana Angarita Fonseca is a PhD student in the Department of Community Health and Epidemiology at the University of Saskatchewan. She received her Bachelor degree in Physiotherapy from Universidad Industrial de Santander (UIS), Colombia. She also got a Master’s degree in Epidemiology from Universidad de Santander (UIS) and a Master’s degree with highest distinction in Statistics from Universidad de Valparaiso, Chile. Prior to coming to Saskatoon, she worked as an assistant professor in the Physical Therapy Program at the Universidad de Santander (UDES), Colombia. She conducted several epidemiological studies and analyzed several datasets related to different aspects of health: disability; aging; posture; musculoskeletal pain; physical activity; fitness; exercise; health-related quality of life; health services, and obesity. Currently, her main research interest is musculoskeletal epidemiology, particularly low back pain. In addition, the Administrative Department of Science, Technology, and Innovation -Colciencias- from Colombia recognized her as a associate researcher for the period April 2015 - April 2017.

**Accomplishments during award period**

On March 22, 2016, I was the a presenter in CCHSA Seminar, talking about “Inequities in access to outpatient and emergency care in Colombia: results from the 2013 National Survey of Quality of Life”. I applied for a 2015-2016 CIHR Fellowship for external financial support. My rank was 505 out of 1018 applicants, of which the first 15 received the funding.

**Awards**

- Canadian Association for Research on Work and Health student travel award to attend the 9th Biennial Conference of the Canadian Association for Research on Work and Health. October 16-18, 2016, Toronto. It was a competitive application process based on abstract and trainee statement. \$900 (Canadian dollar).
- Canadian Society of Epidemiology and Biostatistics (CSEB) Student Travel Award –to attend the 2016 Canadian Society of Epidemiology and Biostatistics Student Conference. June 8-10, 2016, Winnipeg. S300 (Canadian dollar).

**Abstracts**

- Angarita-Fonseca A, Jacome-Hortua AM, Gonzalez-Bonilla MP, Silva-Guerra EV, Suarez-Hernández RM. (2016). 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). June 20 - 23, 2016. Toronto, Canada
- Angarita-Fonseca A, Henriquez-Roldan CF, Navarro-Villaruel C, Prada GE. (2016). Association between income and nutritional status in Chilean children: A secondary analysis of Chilean National Socioeconomic Characterization Survey, 2011. Epidemiology Congress of Americas 2016. June 21-24, 2016. Miami, Florida.

- Martínez-Rueda R, Angarita A, Alba PL, Saavedra I.(2016). Fitness self-perception in rugby players in Colombia: Part I.European College of Exercise Science **2016. JULY** 6-9, 2016. Vienna, Austria
- Martínez-Rueda, Rosmary; Angarita, Adriana; Puzovic, Vladimir.(2015). Lifestyle of Rugby players in Colombia: A pilot study. 20th annual congress of the European College of Sport Science. June 24-27, 2015. Malmö, Sweden.

## Posters

- Angarita-Fonseca A, González-Bonilla MP, Silva-Guerra EV, Suarez-Hernández RM, Jácome-Hortua AM. (2016). Risk factors associated with self-reported neck pain among office workers in a private university of Colombia: a cross-sectional study. Canadian Association for Research on Work and Health Conference, 2016. October 16-18, 2016. Toronto, Canada
- Angarita-Fonseca A, Trask C, Bath B.(2016). Physical activity and chronic back disorders in Canadian adults.Canadian Research Data Center Network 2016 National Conference Program. October 31, 2016. Saskatoon, Canada
- Angarita-Fonseca, Trask C, Bath B.(2016). Factors associated with changes or intentions to change physical activity among Canadians with chronic back disorders. Saskatchewan Epidemiology Association's 16th Annual Symposium. November 2, 2016. Saskatoon, Canada
- Angarita-Fonseca A, Pinzon MI, Martínez-Marin RP.(2016). Relationship between socioeconomic status and access to primary prevention in Colombia, 2013.The 23rd Annual Life and Health Sciences Research Day. March 11, 2016. Saskatoon, Canada
- Angarita-Fonseca, Adriana; Sanchez-Delgado, Juan Carlos; Jacome-Hortua, Adriana; Pinzon, Sandra. (2015). Reliability of the Cardiac Rehabilitation Barriers Scale. Saskatchewan Epidemiology Association (SEA) 15th Annual Fall Symposium. November 5, 2015. Saskatoon, Canada

## Publications

- Herrera-Anaya, Elizabeth; Angarita-Fonseca, Adriana; Herrera-Galindo, Victor Mauricio; Martínez-Marin, Rocio del Pilar; Rodríguez-Bayona, Cindy Nayara.(2016). Association of gross motor function and nutritional status among children with cerebral palsy: A cross-sectional study from Colombia. *Developmental Medicine & Child Neurology*. ISSN: 1469-8749. 58(9): 936-41.
- Sanchez, Juan Carlos; Angarita-Fonseca, Adriana; Jacome, Adriana; Malaver, Jessica; Aponte, Erick Schmalbach; Diaz, Catalina. Barreras para la participación en programas de rehabilitación cardíaca posrevascularización percutánea por enfermedad coronaria.(2016). [Barriers to participation in cardiac rehabilitation programs after percutaneous revascularization for coronary heart disease]. *Revista Colombiana de Cardiología*. ISSN: 0120-5633. 23(2): 141-147.
- Angarita Adriana, Prada Gloria Esperanza, Mendoza Gloria, Hernández María. Factores socioeconómicos asociados a retraso en talla en preescolares asistentes a una institución educativa de Floridablanca, Colombia. *Revista Chilena de Nutrición*. (2016). [Socioeconomic factors associated with stunting in preschool attending an educational institution of Floridablanca, Colombia]. *Revista Chilena de Nutrición*. ISSN: 0717-7518. 43(2): 116-123.

- Sánchez Delgado, Juan Carlos; Escobar Pinzón, Soel Ginneth; Vega Camacho, José David; Porras Solano, Anghelo Javier; Angarita Fonseca, Adriana. Actitudes hacia el ejercicio físico y práctica de actividad física en profesionales de la salud: Estudio de corte transversal, 2015.(2016). Attitudes towards exercise and physical activity in health professionals: A cross-sectional study, 2015 . Archivos de Medicina. ISSN: 1657-320X.16(2)
- Angarita Adriana, Prada Gloria Esperanza, Mendoza Gloria, Hernández Maria. Factores socioeconómicos asociados a retraso en talla en preescolares asistentes a una institución educativa de Floridablanca, Colombia. Revista Chilena de Nutricion. (2016). [Socioeconomic factors associated with stunting in preschool attending an educational institution of Floridablanca, Colombia]. Revista Chilena de Nutrición. ISSN: 0717-7518. 43(2): 116-123.

#### Invited lecturer

- PTH-862-02. Evidence Based Practice II. Epidemiological Research. Stats. University of Saskatchewan.

#### Testimonial

It is with my greatest and deepest appreciation I say thank you to the Founding Chairs Fellowship committee for selecting me as a scholarship recipient. The Founding Chairs Fellowship is allowing me to study a field I am passionate about.

#### Projects and publications

Google Scholar <https://scholar.google.com/citations?user=YdUL8YgAAAAJ&hl=en>

Researchgate [https://www.researchgate.net/profile/Adriana\\_Angarita](https://www.researchgate.net/profile/Adriana_Angarita)

LinkedIn <https://ca.linkedin.com/in/adriana-angarita-fonseca-a3153013>

ORCID <https://orcid.org/0000-0003-3806-8468>

CV [http://scienti.colciencias.gov.co:8081/cvlac/visualizador/generarCurriculoCv.do?cod\\_rh=0000799513](http://scienti.colciencias.gov.co:8081/cvlac/visualizador/generarCurriculoCv.do?cod_rh=0000799513)



**ULFAT ARA KHANAM** (Master's Award)

#### PROJECT TITLE

***Are dietary factors associated with lung function in Canadian adults?***

Ulfat completed her undergraduate in Bachelor of Medicine and Surgery (MBBS) from Rajshahi Medical College, University of Rajshahi, Bangladesh. After completing her MBBS degree, she worked as a lecturer in the Department of Anatomy at Ibrahim Medical College, University of Dhaka, Bangladesh. Currently, she is enrolled in an MSc program in the Department of Community Health and Epidemiology under the supervision of Dr. Joshua Lawson. She will start PhD program in the Department of Health Sciences from January 2018 under the supervision of Dr. Lawson.

#### Accomplishments during award period

- o CCHSA seminar presentation, 2016
- o CH & E Research Day presentation, 2016



## Testimonial

The financial support by the Founding Chairs Fellowship is greatly acknowledged to carry out this research.

## Projects and publications

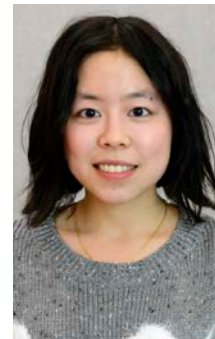
Researchgate [https://www.researchgate.net/profile/Ulfat\\_Khanam](https://www.researchgate.net/profile/Ulfat_Khanam)

## XIAOKE ZENG (MASTER'S AWARD)

### PROJECT TITLE

***Modeling Predictors of Whole Body Vibration Exposure among Saskatchewan Farmers: a Key Step in Low Back Disorder Prevention***

Xiaoke Zeng has a BSc degree in Preventive Medicine from the Huazhong University of Science and Technology, China, 2014. She completed her MSc in Community and Population Health Sciences from the Department of Community Health and Epidemiology at the University of Saskatchewan in 2016. Her thesis work was “Modeling Predictors of Whole Body Vibration Exposure among Saskatchewan Farmers: a Key Step in Low Back Disorder Prevention,” and her primary supervisor was Dr. Catherine Trask. Following her degree, she worked as a research assistant on several ErgoLab projects. She has a keen research interest in workplace exposures: the assessments, health effects, and interventions. She is currently pursuing a Ph.D. in occupational and environmental health at the University of Toronto.



### Accomplishments during award period

Second Place Best Poster Award: Zeng X, Kociolek AM, Khan MI, Bath B, Trask C (2015) From combines to horses: measuring whole-body vibration exposure among Saskatchewan farmers; Saskatchewan Epidemiology Association (SEA) 15th Annual Fall Symposium. November 5-6, Regina, Canada.

## Testimonial

The Founding Chairs Fellowship allows me to focus intensely on my research area, which as a result, I was able to finish the three drafts of manuscripts that have all been published in 2017. This fellowship also provided opportunities for me to work on the CCHSA and Ergolab websites including the knowledge translation of study findings to rural farmers and equipping me with another set of IT skills.

## Projects and publications

Google Scholar [https://scholar.google.ca/citations?hl=en&view\\_op=list\\_works&gmla=AJsN-F6jXt7Lpe\\_jjfU-4GIVic1uYuxDcugqT4wz3uOw98Mq30XGjvAA3ZPpyINs19ZPxl-vWVv3czkp1PJZbf5klgghVt2m4ig&user=Ou3u3jcAAAAJ](https://scholar.google.ca/citations?hl=en&view_op=list_works&gmla=AJsN-F6jXt7Lpe_jjfU-4GIVic1uYuxDcugqT4wz3uOw98Mq30XGjvAA3ZPpyINs19ZPxl-vWVv3czkp1PJZbf5klgghVt2m4ig&user=Ou3u3jcAAAAJ)

Researchgate [https://www.researchgate.net/profile/Xiaoke\\_Zeng](https://www.researchgate.net/profile/Xiaoke_Zeng)

# 2014 - 2015

- Olubenga Adebayo (PhD Award)
- Olasoji Olakunle Awoyera (Master's Award)
- Samuel Essien (Master's Award)
- Muhammad Idrees Khan (PhD Award)

**OLUBENGA ADEBAYO** (PhD Award)



**OLASOJI OLAKUNLE AWOYERA** (Master's Award)

**PROJECT TITLE**

*Endotoxin levels and their association with respiratory outcome in Saskatchewan 2 communities.*

Olasoji is from south west Nigeria. He completed his undergraduate degrees in Nigeria and Finland. He is under the supervision of Dr. G. Katselis and Dr. S. Kirychuk for his Master's program.



**Accomplishments during award period**

**Certificate of Excellence:** Won competitive 2nd Best Position at the Student Research Day of the Department of Community Health & Epidemiology, College of Medicine, University of Saskatchewan, Canada. Feb. 5th, 2015.

**Testimonial**

I appreciate the opportunity, it helped me with my tuition fees during the period.

**SAMUEL ESSIEN** (Master's Award)





**MUHAMMAD IDREES KHAN (PhD Award)**

**PROJECT TITLE**

***Trunk posture is a risk factor for Low Back Disorder in Saskatchewan Farmers***

Muhammad Idrees Khan is a M.Sc. Candidate (Department of Community Health and Epidemiology) under the supervision of Dr. Catherine Trask (Canadian Center for Health and Safety in Agriculture). Muhammad Khan got his undergraduate degree in Bachelor of Science in Pharmacy from Gomal University D.I.Khan Pakistan (1998). He worked as a Regional Manager with Merck Pharmaceutical Pvt LTD (1998-2005). He got his MBA degree from Preston University USA (2000), MSc Biochemistry from University of Waterloo Ontario Canada (2009). After his Master's degree in Biochemistry he worked as a research assistant in Dr. Richard Epanand lab at McMaster University, Department of Biochemistry and Biomedical Sciences (2009-2011). He graduated with Master of Public Health degree from University of Saskatchewan, School of Public Health (2013). His M.Sc. research project is on "Trunk posture is a risk factor for low back disorder in Saskatchewan Farmers" (2014-present). He wants to make his future career in academia as a researcher.

**Accomplishments during award period**

**Publications**

- Zeng, X., Kociolek, A. M., Khan, M. I., Milosavljevic, S., Bath, B., & Trask, C. M. (2017). Predicting Whole-Body Vibration Exposure in Canadian Prairie Farmers. *Annals of work exposures and health*. <http://www.ncbi.nlm.nih.gov/pubmed/28371869>
- Zeng, X., Kociolek, A. M., Khan, M. I., Milosavljevic, S., Bath, B., & Trask, C. (2016). Whole body vibration exposure patterns in Canadian prairie farmers. *Ergonomics*, 1-10. <https://www.tandfonline.com/doi/full/10.1080/00140139.2016.1252859>
- Essien, S., Khan, M. I., Boden, C., Bath, B., Trask, C. (2015). Association between whole body vibration and low back disorders in farmers: a scoping review. Submitted to: *Journal of Agromedicine*. <http://dx.doi.org/10.1080/1059924X.2017.1383333>
- Trask, C., Khan, M. I., Adebayo, O., Boden, C., Bath, B. (2014). Equity in Whom gets studied: A systematic review examining geographical region, gender, commodity, and employment context in research of low back disorders in farmers. *Journal of Agromedicine* volume 20, No-3, 2015. <https://www.ncbi.nlm.nih.gov/pubmed/26237717>

**Presentations**

- Khan, M.I., Essien.S.K, Bath. B, Boden. C. Manual Material handling as risk factor for low back disorder in farmers: A systematic review. Saskatchewan Epidemiology Association (SEA) Annual Conference. November 2015, Regina, Canada.

- Seminar presentation; Trunk posture is risk factor for low back disorder in Saskatchewan farmers, presented at Canadian Center for Health and Safety in Agriculture, December 2015.
- Khan, M. I., Trask, C., Adebayo, O., Boden, C., Bath, B. (2014). Who gets studied? Examining inequities in the low back disorder literature. 7th International Symposium on Agricultural and Rural Health, Saskatoon, Canada, October 19-22, 2014
- Posture is a risk factor for low back disorder in farmers: A systematic review; poster presented in Saskatchewan Epidemiology Symposium, November 2014, Saskatoon.

### **Testimonial**

Founding Chairs Fellowship help me financially during my studies. It helped me to pay my tuition fee and purchase books for my research and course studies. I am thankful for Founding Chair support.

### **Projects and publications**

Bath B, Jandl B, Dykes L, Coulthard J, Naylen J, Rocheleau N, Clay L, Khan M, Trask C. Get 'Er Done: Experiences of Canadian Farmers Living with Chronic Low Back Disorders. Submitted to Journal Physiotherapy Canada

Zeng, X., Kociolek, A. M., Khan, M. I., Milosavljevic, S., Bath, B., & Trask, C. M. (2017). Predicting Whole-Body Vibration Exposure in Canadian Prairie Farmers. *Annals of work exposures and health*. <http://www.ncbi.nlm.nih.gov/pubmed/28371869>

Zeng, X., Kociolek, A. M., Khan, M. I., Milosavljevic, S., Bath, B., & Trask, C. (2016). Whole body vibration exposure patterns in Canadian prairie farmers. *Ergonomics*, 1-10. <https://www.tandfonline.com/doi/full/10.1080/00140139.2016.1252859>

Essien, S., Khan, M. I., Boden, C., Bath, B., Trask, C. (2015) Association between whole body vibration and low back disorders in farmers: a scoping review. Submitted to: *Journal of Agromedicine*. <http://dx.doi.org/10.1080/1059924X.2017.1383333>

Trask, C., Khan, M. I., Adebayo, O., Boden, C., Bath, B. (2014). Equity in Whom gets studied: A systematic review examining geographical region, gender, commodity, and employment context in research of low back disorders in farmers. *Journal of Agromedicine* volume 20, No-3, 2015. <https://www.ncbi.nlm.nih.gov/pubmed/26237717>



## **CCHSA FOUNDING CHAIRS FELLOWSHIP PROGRAM**

The CCHSA mission is to conduct and stimulate research, education, and health promotion programs aimed at enhancing the health and well-being of agricultural, rural and remote populations.

Founding Chairs Fellowship recipients undertake research that supports the CCHSA mission, and are supervised or mentored by faculty associated with the CCHSA. Since 2014 alone, the annual competition has provided awards to 8 Postdoctoral Fellows, 12 PhD students, and 6 Masters students.

The Fellowship program is supported by an endowment fund established by the Centre for Agricultural Medicine and administered by the Canadian Centre for Health and Safety in Agriculture.

The program committee is chaired by George Katselis and includes Catherine Trask, Donna Rennie, and Julie Kosteniuk.

For more information, visit:

<http://www.cchsa-ccsma.usask.ca/scholarships.php#FoundingChairs-FellowshipCompetition>





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