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[June 15, 2018](#)

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## Meet Dr. Prism Schneider



**Prism Schneider MD, PhD, FRCSC**

**Orthopedic Surgery**

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Dr. Prism Schneider is a Clinical Assistant Professor of Orthopaedic Surgery and Community Health Sciences at the University of Calgary, where she also holds the positions of Orthopaedic Trauma Research Lead and the Director of Orthopaedic Resident and Fellow Research. Dr. Schneider obtained her PhD in Biomechanics and her MD at the University of Calgary through the prestigious MD/PhD Leaders in Medicine Program. Her unique training experience, including two Orthopaedic Trauma Fellowships at the University of Texas and McGill University, allow her to provide evidence-based care for often critically injured patients while also conducting innovative and clinically meaningful research.

In her role as a researcher, Dr. Schneider oversees over thirty-five active local, national and international research initiatives, and in the last three years, she has assisted in garnering over four million dollars in grant funding. Her main research interests include clinical trial design and implementation, prevention of potentially fatal blood clots following injury, discovering methods to optimize fracture healing, and prevention of injury due to domestic violence. Through these research endeavours, Dr. Schneider has been able to present regularly at national and international conferences and to publish her findings in high-impact, peer-reviewed journals.

One of her primary areas of research interest and expertise is in evaluation of blood clot risk following injury. Dr. Schneider's laboratory uses an advanced technology known as thromboelastography (TEG) to evaluate the risk for clotting using a small sample of blood. She is currently completing two prospective research studies using TEG to determine if this technique can accurately identify patients who are at increased risk for developing blood clots after their injury. The results of this research will be used to develop protocols to optimize the ability to predict clot risk after injury, leading to practice changes that will save lives.

In addition to her role as a research, Dr. Schneider also plays a significant role in the education of surgical trainees and graduate students. As the Director of Orthopaedic Surgery Resident and Fellow Research and founder of the Calgary Orthopaedic Resident Research Group (CORR-G), she provides residents with hands-on practical learning about the research process by conducting various research projects as a group. Through this novel program, each resident plays a different role for every study allowing them to learn how to conduct novel research in an ethical and meaningful fashion.

Although she believes that every research project she is involved in is important, there are some initiatives that she is especially passionate about. Dr. Schneider is currently collaborating with McMaster University on an initiative called EDUCATE, a program designed to teach orthopaedic surgeons how to discuss domestic violence in their fracture clinics. She has trained local orthopaedic surgeons and cast technicians on how to identify and help patients that may be at risk for intimate partner violence, and works closely with social workers and local resources to develop the appropriate means to help patients experiencing domestic violence. For her efforts on this important issue, she has been interviewed by CBC Radio and was feature on the CBC Calgary Eyeopener.

## Surgeons Day 2018 Winners:

### Podium:

Best Presentation: Dr. Joseph Kendal, Orthopedic Surgery

Honorable mention: Dr. Maher Sabalbal, Vascular Surgery

### Poster

Basic Science: Kristen Barton, Medical Student

Education: Dr. Michael Liss, Plastic Surgery

Clinical: Dr. Eva Gusnowski, Orthopedic Surgery

Health Systems: Ashley Matkin, Medical Student

### Sharpest Knife winner:

Dr. Neil White, Section of Orthopedic Surgery

## Surgeons Day 2018 Gala:

### Distinguished Service Award



South Health Campus  
Dr. Vaughan Bowen



Rockyview General Hospital  
Dr. John Beveridge



Foothills Medical Centre  
Dr. Joe Dort



Peter Lougheed Centre  
Dr. Hugh Dougall



Alberta Children's Hospital  
Dr. Elaine Joughin

## Welcome:



Maria Fernando has joined the Department of Surgery as the new Research Facilitator. In this position, she will be providing support to researchers and staff in navigating the administrative processes at the University of Calgary, particularly those related to grant applications, ethics, legal services, and research accounting. Maria comes to us from the Office of Research Services Office at the University of Calgary, where she worked as a Research Grants Officer. Prior to her career in research administration she earned her PhD in Gastrointestinal Sciences at the University of Calgary, and worked as a Postdoctoral Fellow in the Department of Surgery at the University of British Columbia and the Department of Obstetrics and Gynecology at the University of Calgary. Please reach out to her if you require support with the administration of your research projects, she will be more than happy to help answer any questions you have! Maria can be reached by phone at 403-944-3577 or [Maria.Fernando2@ahs.ca](mailto:Maria.Fernando2@ahs.ca).

## OSR 'refresh' targeted support

The Office of Surgical Research recently sent a call-out asking Section Chiefs member to nominate from each section for the following targeted categories.

1. Researchers with potential to achieve external funding success in the next three years and high level externally funded researchers.
2. New faculty (< 5 years from hire) who show promise in research.
3. Established researchers who need occasional support.

The nomination is now closed.

The selected researchers will then be asked to meet one on one in the Fall with the OSR group. This initiative will provide support to a narrow group of researchers who will work with Maria, our new Research Facilitator, to develop a support program for them and will last for one year initially.

## Pillars of Research Fund

The Office of Surgical Research, the Department of Surgery and the Cumming School of Medicine are pleased to announce the call for applications for the Research Pillar Awards for 2018-2019. Two new Research Pillar Awards will be awarded to proposals for research programs within the Department of Surgery that fall within the OSR's four research pillars:

- Basic science
- Health systems
- Clinical research
- Education research

[https://wcm.ucalgary.ca/osr/files/osr/filefield\\_paths/pillars-of-research-fund-may30.docx.pdf](https://wcm.ucalgary.ca/osr/files/osr/filefield_paths/pillars-of-research-fund-may30.docx.pdf)

Call for proposals - Submission deadline is Wednesday October 31, 2018 by 11:59 PM

### ADMINISTRATIVE CONTACTS

Maria Fernando

OSR Research Facilitator

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Tel: 403 944 2373

## Get Funded!

### Funding Research - Strategy for Patient-Oriented Research (SPOR)

SPOR is about using the power of research to make our health care system more efficient and effective—and improving the health care experience for patients.

In particular, SPOR funds patient-oriented research. This means that patients need to be involved in the research projects and processes, and they often help to shape the research priorities overall.

To date, SPOR has funded a wide variety of patient-oriented research through two main mechanisms:

- [SPOR Networks](#): The seven SPOR Networks bring together our country's top researchers, experts, and patients—individuals from different disciplines who are united by their passion to address the urgent health care challenges faced by Canadians. In fact, these networks are focused on the most pressing issues facing our health care system: primary care, chronic diseases, and mental health. They serve to accelerate the translation of research findings into patient care and health care policy.
- [Innovative Clinical Trials \(iCTs\)](#): In an effort to make Canada a destination of choice for conducting clinical trials, SPOR seeks to build capacity in clinical trials and to streamline the current start-up processes for trials. Through small grants to catalyze research, larger and longer-lasting grants to support the use of iCT methods, and research chairs to build capacity in iCTs, the SPOR Innovative Clinical Trials Initiative aims to improve Canada's competitiveness in conducting trials and provide a stimulus for researchers and drug companies to adopt new, more innovative methods

### Strategy for Patient-Oriented Research

<http://www.cihr-irsc.gc.ca/e/41204.html> - Patient Stories in Health Research

## Other Research Services



Research Ethics and Compliance Training

[Register to take mandatory courses developed by experts before September 1st](#)

### Online CITI Training

The University research community is able to access GCP and Health Canada Division 5 online courses free of charge through [CITI Canada](#).

### Next Steps

1. Complete the required training before September 1, 2018.
2. Upload the completed training certificate(s) to your researcher profile in IRISS. This is required for all PIs.
3. If you are a Principal Investigator, ensure that all study team members have completed the above noted training courses. We recommend that each team member also uploads their training certificate(s) to their profile in IRISS.

Also, if you are conducting a regulated clinical trial, you and your team are responsible for completing TCPS2, GCP, and Health Canada Div 5 training.

### Click on the links below to start your training:

- [TCPS2 CORE Tutorial](#); or
- [CITI Human Subjects Research Course](#) (Biomedical or Social Behavioural-Educational module, whichever is most relevant to your discipline).