

# **Dena McMartin**

**Associate Vice-President at University of Regina**

Saskatchewan, SK, CA

Dena McMartin has developed and supported numerous academic and research partnerships within the university and with international partners.

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## **Biography**

Dr. Dena McMartin assumed the role of Associate Vice-President (Academic and Research) on 1 January 2014. A full professor in the Faculty of Engineering and Applied Science, McMartin served as chair of several faculty and campus committees prior to joining the President's Office. She has developed and supported numerous academic and research partnerships within the University and with international partners.

McMartin's national profile includes serving the University of Regina on committees of Engineers Canada and the Canadian Coalition for Women in Engineering, Science, Trades and Technology. She further champions the Faculty of Engineering and Applied Science via the Association of Professional Engineers and Geoscientists of Saskatchewan and as a member of the Canadian Engineering Education Association. In 2013, she was named a Fellow of Engineers Canada (FEC) in recognition of her contributions to the engineering profession.

McMartin's applied research program is strongly associated with collaborations with private companies, government agencies, and academics both in Canada and internationally. She is currently focused on rural development needs in Canada and abroad, impacts of climate extremes on water availability and rural livelihoods in the Americas, and best agricultural practices for improved water quality and quantity management. She holds grants from the Tri-Council as well as federal and provincial agencies.

McMartin holds a Ph.D. and M.Sc. in environmental engineering and a B.E. in agricultural and bioresource engineering from the University of Saskatchewan.

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## **Industry Expertise**

Education/Learning, Research, Environmental Services, Civil Engineering

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## **Areas of Expertise**

Stormwater Quality, Agricultural Water and Environmental Performance Monitoring, Source Water Protection and Planning, Chemical-Free Water Treatment Solutions, Extreme Water Events & Climate, Women in Engineering, Water Resource Management, Academic and Research Partnerships, International Research Collaboration, Inclusive Campuses, Oilsands Water Treatment

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## **Affiliations**

University of Regina : Professor Environmental Systems Engineering

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## **Event Appearances**

## **Art and Science of Setting and Achieving Goals**

Women's Leadership Conference

## **Pink Tea and National Day of Remembrance and Action on Violence Against Women**

Nation Day of Remembrance and Action

## **Indigenous Health. Healthier Perspectives through Identities, Culture & Art.**

5th Meeting of the Mexico-Canada Collaboration on Intercultural and Indigenous Post-Secondary Education

## **Indigenizing Learning in Social Work, Nursing and Education programs**

5th Meeting of the Mexico-Canada Collaboration on Intercultural and Indigenous Post-Secondary Education

## **Strategic Directions for Indigenization at the University of Regina**

Saskatchewan Post-Secondary Education Leadership Forum

## **Teaching Methods & Retention of Women in the Engineering Classroom**

UofR President's Teaching & Learning Scholars Showcase

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## **Education**

### **University of Saskatchewan**

Ph.D. Environmental Engineering

### **University of Saskatchewan**

M.Sc. Environmental Engineering

### **University of Saskatchewan**

B.E. Agricultural and Bioresource Engineering

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## **Accomplishments**

### **McCannell Award**

The McCannell Award was established in 1983 to honour service to the Association of Professional Engineers and Geoscientists of Saskatchewan, and to the Professions as a whole. The McCannell Award is named after Roy McCannell, a founding member of the Association.

### **Volunteer Service Award: Regina Engineering Society**

This award recognizes a Professional Engineer who is a member of the Regina Engineering Society and who shows a dedication to the improvement our society/community through their volunteer efforts.

### **YWCA Women of Distinction Award: Science, Technology and Environment**

This recipient has achieved excellence and made significant contributions to a science related field, including pure and applied sciences, social sciences, engineering and life sciences, medicine, technology, agriculture or the environment. She is dedicated to the advancement of technological, scientific or industrial discovery through either research or application, or to the preservation or improvement of the environment.

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