**Dean’s Message**

Building on the Warren Centre’s accreditation by the Canadian Institute of Actuaries and its recognition as a Centre of Actuarial Excellence by the Society of Actuaries, the past year has been a time of incredible growth for actuarial studies at the Asper School of Business. Student demand for our actuarial programs continues to climb. More companies are turning to us for students to fill co-operative work placements – and hiring our actuarial graduates – than ever before.

We have broadened the reach of our actuarial programs by extending into new markets. The Guy Carpenter Chair in Agricultural Risk Management and Insurance connects actuarial studies to a vital sector of our economy and places us at the forefront of interdisciplinary research. We committed to building and strengthening connections to the local business community by appointing Dr. Arnold Shapiro to the L.A.H. Warren Chair in Actuarial Science. And we enhanced our world-class academic programs with a new Masters in Actuarial Mathematics. Eight students are already enrolled in the program. In his role as Warren Chair, Dr. Shapiro will provide them with mentorship and guidance in their research.

As you’ll see in the following pages, we have much to celebrate and even more to look forward to. I invite you to read on!

MICHAEL BENARROCH
Dean, Asper School of Business and CA Manitoba Chair in Business Leadership

---

**All in the Family**

Leslie Warren and her brother Lloyd share a distinguished grandfather: Dr. L.A.H. Warren. He introduced actuarial science to the University of Manitoba in 1912, taught its first course, and headed the Department of Actuarial Science for thirteen years. In recognition of his stellar contributions, the Warren Centre for Actuarial Studies and Research is named after him.

Their father Earle graduated from the program in 1930. They also share a keen interest in their grandfather and learning all they can about him. Lloyd attended the dedication ceremonies of the Warren Centre in 1987.

Their quest for more knowledge on Grandpa Warren brought them to Winnipeg in June, 2014. Lloyd, a graduate engineer with a career in public works, flew in from Seattle. Leslie, a management consultant based in Winnisboro, Texas, drove from Texas, via Oregon, where she and her husband, Rich Calhoun, had spent most of the month of May.

When in Winnipeg, they visited Dr. Warren’s former home on Niagara Street and spent a full day on the University of Manitoba campus.
Outside Input

A n Actuarial Mathematics Program Advisory Board was introduced this year. While initiated by and shepherd through the approval process by Dr. Jeffrey Pai, Director of the Warren Centre, much of the preliminary work was done by the late Mike Byrne, the Centre’s former Executive in Residence. Today, oversight of the Board rests with Byrnes’s successor, Jeff Strong, who states, “the Board has been established to help promote forward thinking toward and the continuous improvement of the actuarial mathematics program.”

Flexible terms of reference — an eight-page document set out the purpose and duties of the Board and spell out a variety of ways by which to accomplish them. Far from an armchair operation, the Board is deemed a resource. Among other duties, it is expected to help promote the program and to assist in raising funds in support of it. The Board will also serve on the Advisory Board and spell out a variety of ways by which to accomplish them. Far from an armchair operation, the Board is deemed a resource. Among other duties, it is expected to help promote the program and to assist in raising funds in support of it. The Board will also serve.

It was not, however, a one-way visit. Arrangements were made with the University Archives to accept a number of items from the Warrens to augment what was already in place on Dr. Warren. Among other things, these gifts will include photographs (of which the University has few), memorabilia, a copy of his PhD thesis from the University of Chicago, and personal copies of actuarial examinations Warren wrote in 1930-14, 1930, and 1945, regarding his professional accreditation. The Archives will not only have more information on the man himself but also on the actuarial profession in earlier times.

The Warrens are also planning a financial resource. Among other duties, it is expected to help promote the program and to assist in raising funds in support of it. The Board will also serve on the Advisory Board and spell out a variety of ways by which to accomplish them. Far from an armchair operation, the Board is deemed a resource. Among other duties, it is expected to help promote the program and to assist in raising funds in support of it. The Board will also serve on the Advisory Board and spell out a variety of ways by which to accomplish them. Far from an armchair operation, the Board is deemed a resource. Among other duties, it is expected to help promote the program and to assist in raising funds in support of it. The Board will also serve.

NEW YEAR, NEW CHAIR

A ralph F. Shapiro has been appointed L.A.H. Warren Chair for a two-year term beginning January 1, 2015. Shapiro graduated from the University’s actuarial program with a BSc(Hons)/69 where, for a year after graduation, he lectured on several actuarial courses. Before beginning his lengthy academic career, Shapiro was a certified electrician.

Prior to his appointment, Dr. Shapiro was, and since 2008 had been, Professor Emeritus at Pennsylvania State University where he established and directed the actuarial program for thirty-five years, a program based on the one at the University of Manitoba. Dr. Shapiro has many academic degrees and honours, several professional designations, is widely published and the recipient of more than thirty research grants. Dr. Shapiro is the third Warren Chair, succeeding the late Mike Byrne and Sam Cox, now retired in Atlanta, Georgia.

Following a successful endowment campaign to secure the actuarial program at the University, an initiative generously supported by the industry and actuarial alumni, the Warren Chair was established in 1987.
Fish Dinnertime

The University of Manitoba Actuarial Club held the 53rd annual Fish Dinner on October 16th and brought together some 110 students, employers, and faculty members for an evening of networking, scholarship announcements, and great food.

This year’s dinner turned the spotlight on entrepreneurship and featured, as guest speaker, Phil Gold, a highly successful “entrepreneurial actuary.” Gold, a graduate of the University of Waterloo, co-founded the software company GGY, based in Toronto, and invented AXIS, an actuarial software program designed for use by the life insurance industry. The program is currently in use by over 160 companies worldwide.

At the dinner, the following scholarships were presented:

- **Great-West Life Actuarial Career Scholarship**: Trevor Panchyshyn, 3rd-year Science, Kelly Ramsay, 3rd-year Science, YanYing Wu (renewal), 4th-year Science, Melanie Skiarski (renewal), 4th-year Asper
- **Manulife Actuarial Scholarship**: Nolan Kennedy, 3rd-year Asper, Ryan Sharman (renewal), 4th-year Asper
- **Winnipeg Actuarial Scholarship**: Erik Christianson, 3rd-year Science
- **James C.H. Anderson Memorial Actuarial Aboriginal Scholarship**: Christian Torfason, 4th-year Asper
- **William & Olive Humphrys Scholarship for Actuarial Mathematics**: Trevor Panchyshyn, 3rd-year Science
- **Kathryn Qin Actuarial Scholarship**: Melanie Skiarski, 4th-year Asper
- **Murray Segal Memorial Scholarship in Actuarial Studies**: Ryan Sharman, 4th-year Asper

Congratulations to the recipients and a thank you to the sponsors for their generous and continued support.

If you have any comments on this newsletter, please send them to either warrencentre@umanitoba.ca or to The Editor, WarrenWords, 644 Drake Centre 181 Freedman Crescent, Winnipeg, MB R3T 5V4

For more information on the Warren Centre for Actuarial Studies and Research, please visit our website: [umanitoba.ca/actuarial](http://umanitoba.ca/actuarial)

@asperschool