

Possessing an innate love of mathematics, it seems logical that my academic career path has led me to pursue coursework in actuarial science. A senior at The University of Iowa, my name is Michael Olczyk, and I am originally from Park Ridge, IL., a graduate of Maine South High School. I anticipate graduation this December with a double major in Actuarial Science and Mathematics, as well as obtaining a certificate in Risk Management and Insurance.

Clarity of purpose came during my junior year at the University of Iowa, when I undertook courses that closely paralleled my interests, mirrored my actuarial science courses, and challenged me in a field in which I had already shown a passionate interest.



At this time I entered a program of study within the Vaughn Institute of Risk Management and Insurance. This was a prudent choice, as my work there both strengthened and deepened my interest in the risk management industry. Simultaneously I discovered unique value in joining a professional risk management, insurance and actuarial science fraternity known as Gamma Iota Sigma. The combined opportunities afforded me by the Vaughn Institute and Gamma Iota Sigma transformed me into a passionate advocate, not only for the university's program, but for the industry as well.

Seeking and obtaining a position on the fraternity board as Vice President of the Ambassador Program provided fertile ground for honing my communication skills, for I booked engagements in which I addressed business classes at Iowa City High School, discussing the vast opportunities within the risk management and insurance industry. This role provided a strong platform for my progression to the position of Executive Vice President of the organization. I simply cannot stress how vital these positions have been to my professional development as a leader.

Serendipitously, I came under the tutelage of a brilliant mentor named Steve Merkey. As the only Actuary at United Fire, Steve has provided me with invaluable, insightful perspective into the role of an actuary in the industry. Absorbing knowledge and expertise from an array of industry leaders has greatly enhanced and strengthened my knowledge of, and proficiency in, this highly evolving field.

Undoubtedly the most beneficial experience within my college tenure has been my internship with Sim Segal. (SimErgy LLC, an ERM Consulting Firm in New York) This undertaking is directly tied to my involvement with GIS. I was able to self-teach myself VBA Programming in Excel to create a simulated loss model. The internship greatly broadened my perspective, and it illustrated how I could apply my statistical knowledge in an advanced, yet practical way. Coupled with a financial accounting course, as well as a computer science course, statistics and actuarial courses, the internship was pivotal in my career in that it provided invaluable knowledge useful for model calculations and forecasting.

My current challenge is working with a bright team of risk management students to run a risk assessment on the Ronald McDonald House. Within the parameters of this endeavor, I'm utilizing many concepts learned from the RMI Classes offered through the Vaughn Institute.

Having my sights set on an actuarial position (though I haven't yet decided on one in particular), I am quite open to living and working in a variety of locales. What I have decided is that I hope to make many lasting, compelling contributions to the field of actuarial science, as I have spent much of the last years of my life preparing for the limitless opportunities the field will provide me.

Michael Olczyk

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ACTUARIAL EXAMS

SOA FM/2 Exam	Passed	Financial Mathematics	June 2013
SOA P/1 Exam	Passed	Probability	January 2014
SOA MFE/3F	Sitting	Models for Financial Economics	July 2014

EDUCATION

University of Iowa, Iowa City, IA
Actuarial Science & Mathematics B.S. Anticipated: December 2014
Risk Management & Insurance Certificate Anticipated: December 2014
Act. GPA: 3.24, Math GPA: 3.33, RMI GPA: 3.5

EXPERIENCE

Ronald McDonald House Charities – Iowa City, IA
Non-Profit Risk Assessment Leader February 2014 – Present

- Analysis of risks as well as identifying, describing and estimating the risks affecting the organization

SimErgy Consulting LLC – New York, NY
Analyst Intern, Enterprise Risk Management Summer 2012

- Completed Enterprise Risk Management training
- Conducted qualitative risk assessment, identify risk sources and key exposures, classified events in terms of financial risk, strategic risk, operational risk to build enterprise risk database
- Calculated cash flow and company's value
- Developed a loss simulation model based on different risks and scenarios using VBA in Excel

International Trading Group/DE Trading Company – Glenview, IL
Analyst Intern, Financial Summer 2011

- Produced code to collect and analyze real-time financial data
- Exposure to electronic trading in all major markets, including: stocks, bonds, futures, energy, commodities, fixed-income, and equities
- Applied Python and R Statistical Software on Linux platform

National Media Partners – Park Ridge, IL
Sales & Marketing Professional (Radio advertising) Summer 2010 & 2011

Amling's Cycle, Niles, IL
Sales & Technician (Managed all small business operations) Sept. 2007 – March 2010

RELEVANT COURSEWORK

- Corporate & Financial Risk Management
- Risk Management & Insurance
- Life Contingencies I
- Advanced Computer Analysis (VBA)
- Life & Health Insurance
- Models for Financial Economics
- Corporate Finance
- Quantitative Methods for Actuaries
- Mathematical Statistics I & II
- Introduction to Mathematical Finance

CLUBS AND ORGANIZATIONS

Gamma Iota Sigma
Executive Vice President November 2013 – Present

- Promoted the organization and led recruitment efforts
- Contributed to the planning and preparation of organization's meetings and events

Vice President of Ambassador Program April 2012 – January 2014

- Implemented new program that instills the greater understanding of risk management and insurance to high school students
- Attended bi-weekly meetings to learn from industry leaders and participated in various events

Member of Actuarial Science Club, Sigma Nu, Gamma Iota Sigma, & Honors Society

COMPUTER SKILLS

Excel, VBA, Word, Access, Python, HTML, PowerPoint, Outlook