

## **Ian Asplund**

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Chief Analytics Officer, EMC Insurance Companies  
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### **PROFESSIONAL EXPERIENCE**

**Chief Analytics Officer**, EMC Insurance Companies, December 2017-Present

**Senior Vice President – Strategic Analytics**, EMC Insurance Companies, November 2016-December 2017

- Leader of Strategic Analytics
  - Team of 54 insurance professionals
  - Responsible for servicing the company's business intelligence and analytics needs to maximize the value derived from internal data assets
  - Responsible for corporate innovation strategy including leveraging InsurTech partnerships, strategic investments, and other strategic partnerships to acceleration the adoption of new capabilities
- Member of senior leadership team responsible for corporate planning and annual goal setting

**Vice President and Chief Actuary**, EMC Insurance Companies, January 2015-November 2016

- Leader of the Actuarial function
  - Team of 35 insurance professionals
  - Responsible for all actuarial services including pricing, reserving, and modeling
  - Responsible for corporate financial projections, financial planning, and financial goal setting
- Member of senior leadership team responsible for corporate planning and annual goal setting

**Assistant Vice President – Predictive Analytics and Capital Modeling**, EMC Insurance Companies, May 2012-January 2015

- Leader of Actuarial team responsible for managing corporate capital model and Actuarial analytical services
- Led cross functional corporate team to develop and implement new rating plans in personal lines

**Assistant Secretary - Predictive Analytics**, EMC Insurance Companies, May 2009-May 2012

- Enterprise Risk Management (ERM) Risk Identification
  - Led development and implementation efforts around an annual ERM Risk Owner surveying process
- Economic Capital Model Development, Implementation, and Communication
  - Led development and implementation of a comprehensive Economic Capital Model
  - Regular attendee and presenter at quarterly EMCC Board Committee meetings
  - Company representative for Iowa Insurance Division and Rating Agency conversations on ERM
- Risk Appetite, Risk Tolerance and Risk Limits
  - Collaborated with CRO to define, implement, and integrate a formal corporate risk appetite

**Actuarial Analyst - Reserving**, EMC Insurance Companies, September 2006-May 2009

- Responsible for portions of the quarterly direct and assumed loss and LAE reserve review
- Researched and implemented new reserving techniques to advance the statistical rigor

**Actuarial Associate - Pricing**, EMC Insurance Companies, May 2005-September 2006

**Actuarial Intern - Pricing**, EMC Insurance Companies, May 2003-May 2005

## **COMMITTEES AND BOARDS**

Global Insurance Accelerator Board Member

- EMC representative on GIA Board - a mentor driven business accelerator focuses on developing and growing innovative insurance focused startups.

Central States Actuarial Forum Planning Committee

- Researched and implemented new reserving techniques to advance the statistical rigor

Iowa State Analytics Symposium Advisory Committee

- EMC representative to develop agenda and content for the annual analytics symposium attended by more than 400 individuals

Casualty Actuarial Society Exam Committee

- Responsible for writing and grading professional examination questions and candidate submissions

## **RESEARCH**

R Statistical Language for use in Economic Capital Modeling of Property Casualty Insurance Risk

- Research, development and integration of R, R-Excel, and R-Statconn within a capital modeling framework

Economic Scenario Generator

- Developed extensions to regime switching models including logistic function regime changes, multivariate generalizations, and the application of an MCMC algorithm within a stochastic modeling framework

Shared Risk Driver Model Structure

- Statistical framework to support intuitive and casual relationships between disparate financial and environmental risks
- Developed user-interface and interactive modeling environment to enable broad use of software

## **EDUCATION AND DESIGNATIONS**

B.A. in Mathematics and Economics, Luther College, May 2003

M.S in Statistics, Iowa State University, May 2005

FCAS, MAAA, Summer 2008

CERA, Winter 2012