

ANÉA-ASNA 2020

THREE DECADES OF ASNA

Niagara Falls, Ontario

Sheraton on the Falls Hotel

Actuarial Students' National Association

Friday, January 17th 2020 – Sunday, January 19th, 2020

WORDS FROM THE PRESIDENT



Angel Yang
President, Actuarial Students' National
Association

Greetings, and welcome to the ANÉA-ASNA 2020 Convention!

This convention marks the 30th anniversary of the organization, and I would like to give special thanks to Dominic Déry and André Choquet, the founders of ANÉA-ASNA, for making all these wonders possible. Be sure to attend the ASNA Meet and Greet with ASNA Founders session, where you can meet and learn from these two wonderful pioneers!

Following our vision from prior years, we have made great strides in expanding the overall year-round support for actuarial students these past 12 months. I am glad to announce that the University of Windsor

and St. Francis Xavier University have both joined the ASNA family as our new member universities. We have also introduced a new position, Vice-President of East, to better serve the needs of students in the Atlantic provinces. This year, ASNA is also very honoured to be represented at the CIA and SOA annual meetings, to connect and expand our network. On top of that, we are very excited to announce the launch of the CIA-ASNA job portal, Actuarial Jobs, on which students can browse and apply for internship and full-time jobs. We thank the CIA very much for including us and giving students this amazing opportunity!

Our continuing support for students also includes our nationwide Mentorship Program that connects over 100 students, monthly webinars that cover both basic ActSci 101 and more advanced technical topics, our Actex-ASNA joint scholarship, and informative newsletters. To find more information, and to get involved, please visit our website anea-asna.ca.

Finally, our convention would not be possible without the generous support of our sponsors, and I would like to thank IABA, Foresters Financial, iA Financial Group, University of Toronto MFI, and CAAT Pension Plan for coming on as new sponsors this year. We all hope to see you again in the coming years.

You, the students, are what makes this field great, and I wish you all a wonderful time at this convention!

Sincerely,

Angel Yang
President, ANÉA-ASNA 2019/2020

WORDS FROM THE CONVENTION CHAIR



Nikhil Kakadiya
Convention Chair, Actuarial Students'
National Association

The ANÉA-ASNA Convention Committee is pleased to welcome you to the 2020 Convention – Three Decades of ASNA!

In selecting this year's theme for the convention, I wanted to focus on the past and the future of our organization, which has constantly grown and changed with the changing industry. For the past three decades, ANÉA-ASNA's Annual Convention has been a platform for networking and knowledge for our actuarial community of academics, professionals and industry leaders. The world in which we live and work is evolving dramatically. Rapid advances in artificial intelligence and machine learning are creating products and services with the potential not only to change the environment in which actuaries operate, but also to provide new opportunities within

actuarial science. With longer lifespans and the rising prominence of cybersecurity, self-driving vehicles, and drone insurance, it is clear that the increasing importance of technology has affected how we insure. There has never been a better time to celebrate the past and what's coming our way! I am honoured to present the Three Decades of ANÉA-ASNA.

With new events like the Meet and Greet with ANÉA-ASNA Founders, Elliott Bauer Mocktail Lounge Trivia, a record-high number of 40 sponsors to network with, 22 seminars to further your knowledge, and continued support from SOA, CAS, and our Grand Patron, the CIA, this year's convention promises to be the biggest and best one in three decades! I am excited for you and for the connections and memories that you will make here this weekend at our 2020 Convention.

Thank you for taking the time to join us in Niagara Falls and I hope you have an unforgettable weekend!

Sincerely,

Nikhil Kakadiya
Convention Chair, ANÉA-ASNA 2020

MEET THE NIAGARA FALLS 2020 ASNA CONVENTION TEAM



Dawn Zhou
Director of Logistics & Finance



Mbabi Tema
Director of Sponsorship



Aditi Kuwar
Director of Marketing



Maheema Keswani
Director of Operations



Harsh Rughani
Director of Events



Harry Qu
Director of Accommodation



Tiana Zhao
Director of Sales



Syed Ali Raza Rizvi
Director of Design



Kaylee Cohen
Webmaster



Amine Ben Arous
Future Actuary

CONVENTION OVERVIEW

The annual ANÉA-ASNA Convention is the largest gathering of actuarial students, industry professionals, and academics in Canada. Every year we aim to provide a platform for actuarial students to develop their knowledge of the industry and build their networks with professionals and peers alike.

This year's convention, "Three Decades of ASNA", will focus on celebrating the past, the present and the future of ASNA and the industry. ASNA and our industry has seen a humongous growth and with autonomous vehicles on the road, longer lifespans, and the rise of artificial intelligence we, as actuaries are being called to change the world of insurance. This year we are proud to bring to you a Career Fair experience like never before with more than ever sponsors, the introduction of the Mocktail Lounge Trivia, and the ASNA Meet and Greet event with our Founders!

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ANÉA-ASNA 2020 NEW OFFERINGS

ASNA PEER MENTORSHIP

Since last year, you have been able to connect with other Canadian actuarial science students as either a mentee (for first and second year students) or a mentor (for students third year and beyond)! The goal of this program is to provide mentorship support for actuarial students from all over Canada, to share ideas across the nation, and to support students studying at institutions without their own developed mentorship program.

You can find out more and sign up here: <http://www.anea-asna.ca/mentorship>

WEBINARS

Our monthly webinar series aims to provide year-round educational opportunities to our students through key topics such as strategies to reaching success as an actuarial student, improving your technical skills, navigating the actuarial exams minefield, acing your interviews, and maximizing your experience at our annual convention.

Past and future webinars currently include:

- How to Succeed at Niagara 2020
- Webinaire francophone de l'ANÉA (novembre 2019)
- Non-Traditional Actuarial Career Paths
- How to Become Successful in the Actuarial Profession
- The 4 Secret Ingredients to Start your Analytics Career
- Introduction to industry: Life, P&C, what does it all mean?
- Tips for Making the Most Out of Your Internship/Co-op Experience



Subscribe to ASNA on our website to be notified when our next set of webinars launch!

Learn more and sign up here: <https://www.anea-asna.ca/future-webinars>

Or watch out past webinars here: <https://www.anea-asna.ca/past-webinars>

SCHOLARSHIPS

This program was established in partnership with ACTEX Learning and aims to provide engaged early students studying actuarial science a means to afford taking one of the preliminary exams (with the study materials and exam fees covered), at no cost to themselves.

You can find out more and apply here: <https://www.anea-asna.ca/scholarship>

JOB PORTAL

Find your next actuarial co-op position or full-time job opportunity from the CIA's Actuarial Jobs Portal! The portal has a designated student jobs section which makes it a great way to find an exciting actuarial internship! Graduates can use this portal to search for new-grad positions as well! Upload your resume and get started at:

<https://actuarialjobs.cia-ica.ca/>

CONVENTION SCHEDULE

FRIDAY

START	END	EVENT	LOCATION	DRESS CODE
11:00AM	11:00PM	Registration	Strategy Room 5	Business Casual
1:30PM	3:30PM	Sun Life Mingling Party	Great Room A	Business Casual
2:00PM	3:00PM	Networking 101 Seminar	Strategy Room 2	Business Casual
2:30PM	4:00PM	Meet and Greet Event	Strategy Room 1	Business Casual
3:30PM	9:00PM	CIA Career Lounge	Strategy Room 7	Business Casual
4:00PM	6:00PM	Career Fair Group A	Brock Room & Niagara Room	Business Formal
4:30PM	5:30PM	RGA Professional Panel A	Strategy Room 2	Business Formal
6:15PM	8:15PM	SOA Opening Ceremony & Dinner	Great Room ABC	Business Formal
8:30PM	10:30PM	Career Fair Group B	Brock Room & Niagara Room	Business Formal
8:45PM	9:45PM	RGA Professional Panel B	Strategy Room 2	Business Formal
10:30PM	1:00AM	Elliott Bauer Club Night	HardRock Night Club	Clean & Fashionable
10:30PM	1:00AM	Elliott Bauer Mocktail Lounge	Strategy Room 3	Clean & Fashionable



SATURDAY

START	END	EVENT	LOCATION	DRESS CODE
7:00AM	8:45AM	Breakfast	Great Room AB	Business Casual
7:30AM	8:55AM	Breakfast (Coffee Connections)	Invite Only	Business Casual
8:00AM	5:00PM	CIA Career Lounge	Strategy Room 7	Business Casual
9:00AM	5:00PM	Interviews	Invite Only	Business Formal
8:55AM	9:45AM	Seminar Sessions 1	Strategy Rooms 1-3, Fallsview ABC	Business Casual
9:55AM	10:45AM	Seminar Sessions 2	Strategy Rooms 1-3, Fallsview ABC	Business Casual
10:55AM	11:45AM	Seminar Sessions 3	Strategy Rooms 1-3, Fallsview ABC	Business Casual
10:15AM	11:45AM	Intact Games	Niagara Room	Business Casual
12:00PM	2:00PM	CAS Luncheon	Great Room ABC	Business Casual
2:15PM	3:05PM	Seminar Sessions 4	Strategy Rooms 1-3, Fallsview ABC	Business Casual
3:15PM	4:05PM	Seminar Sessions 5	Strategy Rooms 1-3, Fallsview ABC	Business Casual
4:15PM	5:05PM	Seminar Sessions 6	Strategy Rooms 1-3, Fallsview ABC	Business Casual
4:30PM	5:30PM	Case Competition Networking	Invite only	Business Casual
5:30PM	7:00PM	CIA / CAS / SOA Case Competition	Niagara Room	Business Casual
7:00PM	9:00PM	CIA Gala Dinner	Great Room ABC	Semi-Formal
9:30PM	1:30AM	Manulife Social Night	Strategy Rooms 1-3	Semi-Formal

SUNDAY

START	END	EVENT	LOCATION	DRESS CODE
12:00AM	1:00PM	Check Out	Hotel Reception	
9:00AM	11:00AM	Desjardins Private Breakfast	Invite Only	Business Casual
9:00AM	11:00AM	Canada Life Breakfast	Invite Only	Business Casual
11:00AM	1:00PM	Munich Re's Après-ASNA	Great Room BC	Casual

FRIDAY EVENTS

Sun Life Mingling Party

Break the ice over scrumptious refreshments with new acquaintances and friendly Sun Life representatives at this signature ASNA event. Participate in a series of fun mini challenges for a chance to win some great prizes!

Networking 101 Seminar

Want to brush up on your networking skills? Want to get ready for the upcoming career fair? Make sure to attend this networking seminar to learn some tips from senior ASNA executives on how to network like a seasoned professional.

Meet-and-Greet Event

To celebrate the 30-year anniversary of the Actuarial Students' National Association, the association goes back to its roots to when it was first founded. The founders of the association will be participating in a short panel followed by a meet-and-greet to discuss the history and foundation of the association.

CIA Career Lounge

The CIA Career lounge is the perfect place to relax and socialize! Join CIA representatives at the lounge throughout Friday for networking, career guidance, and have your professional headshot taken by the CIA's expert photographer.

Career Fair

The career fair is the highlight of our annual convention as it assembles the majority of our attendees. It creates a platform for employers to find their ideal candidates and for students to find their dream job. Come prepared with your résumé, business cards, and your best conversation starters for this ultimate networking opportunity.

RGA Professional Panel

The RGA Professional Panel will be held alongside the Career Fair. Senior industry professionals from RGA, SOA, CAS, and CIA are invited to participate in the discussion of various actuarial topics and answer your industry-related questions. You wouldn't want to miss out on this opportunity to gain meaningful insight into the actuarial industry!



Elliott Bauer Mocktail Lounge Trivia

Come join us for a fun-filled night at the Sheraton on the Falls Hotel as an alternative to the club night. Team up with your fellow participants from other universities and take part in the trivia-style game night we have planned. A great way to end a great day!

Elliott Bauer Friday Club Night (19+)

Party the night away at this event sponsored by Elliott Bauer! After a long day of networking, come join us and unwind with fellow students at Hard Rock Club, one of Niagara's premiere nightclubs. All convention attendees will receive free cover charge all night. Don't forget to get your drink tickets from Elliott Bauer representatives!



SATURDAY EVENTS

Coffee Connection + Interviews (Invite Only)

Please check your inbox to see if you were invited to a coffee-connection/interview.

CIA Career Lounge

Reconnect with CIA representatives, get your professional headshot taken by an expert photographer, or bring back new questions to the second installment of the CIA Career Lounge. Relax and refuel before getting back out there for the rest of the day!

Seminars

Keeping the tradition from previous years we will be offering a variety of seminars with more interesting topics that will cover the latest industry trends as well as tips on how to kickstart your actuarial career. Whether you are new to the actuarial community, or if you are a seasoned upper year student looking to deepen your industry knowledge, our wide range of topics will be able to cater to your interests.

Intact Games

The Intact Games event, held right before the Saturday luncheon, is a networking session for students in a more relaxed environment. Featuring representatives from Intact, attendees will be able to connect with our sponsor through various game stations and networking activities.

Case Competition

Following its successful runs in previous conventions, the annual ANÉA-ASNA Case Competition is back for the seventh time this year. Top students from our member universities have been selected to compete by putting their technical and presentation skills to the test before a judging panel comprised of experienced professionals. Sponsored by SOA, CAS, and CIA.

Case Competition Networking (Invite Only)

Case Competition finalists are invited to enjoy a private networking event with the judges.

Manulife Social Night

Make sure your convention experience includes spectacular memories from our Manulife Social Night! Mingle with Manulife employees and students through various activities including casino games, karaoke, and a speed networking session. Be sure to check out the photo booth and collect drink tickets as they will be distributed by Manulife representatives, volunteers at our activity stations, and through our President, Convention Chair, and President-Elect!

SUNDAY EVENTS

Desjardins Breakfast

Representatives from Desjardins will select students to join them for an exclusive Sunday breakfast. Students will have the opportunity to network with representatives and learn about the property and casualty insurance industry. Stop by their booths at the Career Fair and you might be invited to a morning filled with delicious food and great company.

Canada Life Breakfast

Representatives from Canada Life will select students to join them for an exclusive Sunday breakfast. Students will have the opportunity to network with representatives and learn about the life insurance industry. Stop by their booths at the Career Fair and you might be invited to a morning filled with delicious food and great company.

Munich Re's Après-ASNA

Wrap up your weekend, by joining us for the second Munich Re's Après ASNA Party for a casual gathering of warm drinks, good food, games, and prizes. If it's conversation you seek, our reps will be among the crowd and are looking forward to getting to know you better!

Dress Code: Suits are banned, ties will be confiscated, but ugly sweaters are more than welcome!



FRIDAY MEALS

SOA Opening Ceremony Dinner

Speaker: Jennifer Haid, Board Member, Society of Actuaries

Jennifer Haid, FSA, CFA, is vice president Strategic Marketing and Product Development at American International Group (AIG) in New York City. She has spent time in New York at EY consulting to the insurance community and in Toronto at Willis Towers Watson consulting to large multi-nationals on issues related to their pension programs. She focuses on the measurement and management of retirement risks.

Haid is a regular speaker and an author of several industry papers. She serves on the Society of Actuaries Board of Directors and acts as a leader and advocate for AIG's efforts around Diversity & Inclusion. Haid can be reached at Jennifer.Haid@aig.com.



SATURDAY MEALS

CAS Luncheon

Speaker: Steve Armstrong, President - Casualty Actuarial Society

Steve Armstrong is a personal insurance expert with over 25 years of extensive experience in pricing, product design, underwriting, and regulatory work. Throughout this career, Steve has led teams of actuaries, predictive modelers, and product analysts; he has also served as an expert witness in several states. Steve began his career at Allstate Insurance Company, where he worked as an actuary overseeing actuarial and analytical talent for auto and homeowners insurance focusing on both the state-specific rate reviews and filings and the predictive modeling and countrywide rating plan development. During his tenure, Steve was responsible for introducing the product and rating algorithm for Drivewise, Allstate's usage-based insurance endeavor before he left in 2012. Between 2012 and 2017, Steve worked for two large global insurance companies to help bring actuarial best practices to these companies and to other countries around the world. Steve recently returned to Allstate to oversee actuarial work and lead actuarial pricing strategy for private passenger automobile. Steve received his Bachelor of Science degree in Actuarial Science from the University of Illinois – Urbana-Champaign in 1992 and his MBA from the University of Illinois – Chicago in 2003. Steve received his Casualty Actuarial Society (CAS) Fellowship in 1996; he served on the CAS Board of Directors from 2011-2014 and as the CAS Vice President of Admissions from 2014-2017.

CIA Gala Dinner

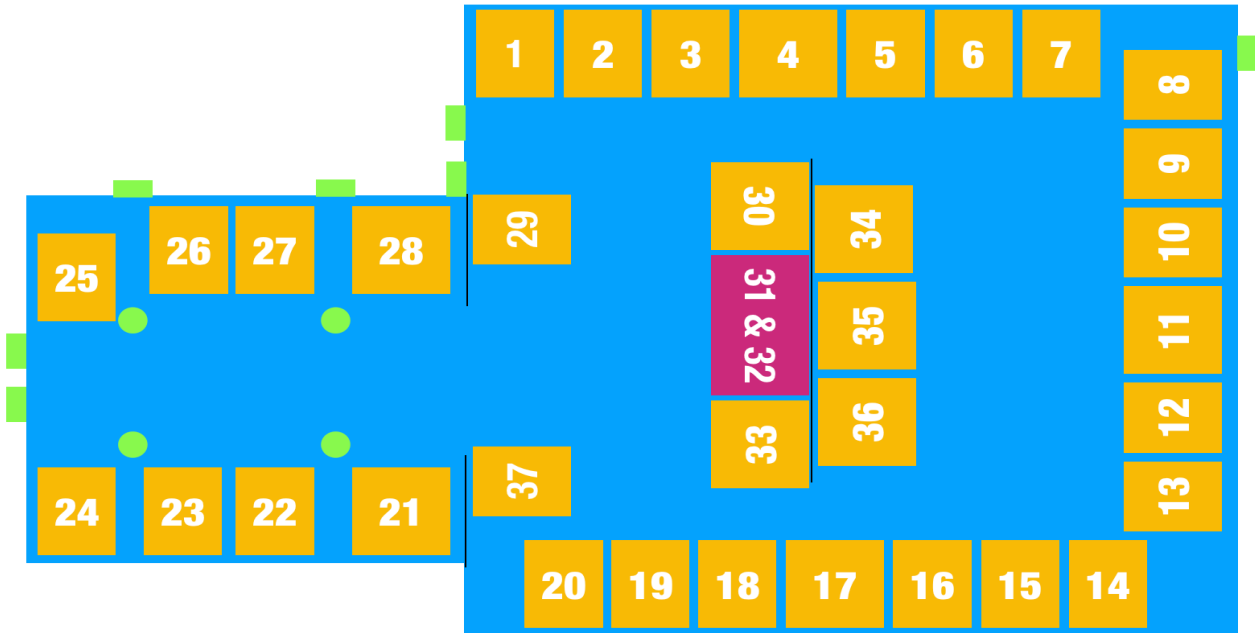
Speaker: Michel St.Germain, President-Elect - Canadian Institute of Actuaries

Michel St-Germain is the 2019–2020 President-Elect of the Canadian Institute of Actuaries. He will become CIA President in July 2020. For over 40 years, he has been a pension consultant with Mercer, holding the position of Partner for the past 20 years.

Mr. St-Germain is a CIA gold award winner, in recognition of his extensive volunteer career with the Institute. His first assignment was in 1981 with the Program Committee. Since then he has held 29 other volunteer positions, including chairing the Member Services Council and the Pension Advisory Committee. He has served on the Practice Council, the Committee on Professional Conduct, and as a member of the CIA Board.

Mr. St-Germain holds a bachelor's degree in science from Université Laval.

CAREER FAIR MAP



LEGEND

1	RSA	19	Economical Insurance
2	TD Insurance	20	NBFC
3	AON	21	Canada Life
4	Intact	22	Coaching Actuaries
5	Milliman	23	Deloitte
6	The Co-operator's	24	Aviva Canada
7	Wawanesa	25	ACTEX Learning
8	SCOR	26	Moody's Analytics
9	Assumption Life	27	Morneau Shepell
10	Mercer	28	Sun Life Financial
11	RGA	29	iA Financial Group
12	PartnerRe	30	Manulife
13	Swiss Re	31&32	CIA
14	Buck Canada HR Services Ltd (Buck)	33	Munich Re
15	Foresters Financial	34	CAS
16	Willis Towers Watson	35	American Academy of Actuaries
17	Desjardins General Insurance Group	36	SOA
18	Normandin Beaudry	37	CAAT

SEMINAR SCHEDULE

8:55AM - 9:45AM

SPONSOR	SEMINAR	LOCATION
CIA	Approximation, Materiality, and Judgment	Strategy Room 1
Northbridge	Daily Life of a Commercial P&C Actuary	Strategy Room 3

9:55AM - 10:45AM

SPONSOR	SEMINAR	LOCATION
Desjardins	Actuaries vs. Automation: How Actuaries Can Distinguish Themselves in an Increasingly Automated Workplace	Strategy Room 1
Manulife	Manulife: The Past, The Present and The Future of Actuarial Work	Strategy Room 2
CIA	Actuarial Trivia Fun	Strategy Room 3
Munich Re	Personal Brand – Communicating with Impact	Falls View ABC

10:55AM - 11:45AM

SPONSOR	SEMINAR	LOCATION
Normandin Beaudry	Evolving Opportunities in Total Rewards Consulting – What's Hot in Total Rewards Consulting	Strategy Room 1
SOA	The Actuarial Launch Pad	Strategy Room 2
Canada Life	Acing Actuarial Interviews – How to Stand out in the Hiring Process	Strategy Room 3
TD Insurance	Creating an Actuarial Career for the Future	Falls View ABC

2:15PM - 3:05PM

SPONSOR	SEMINAR	LOCATION
AAA	What You Need to Know about Qualifications in the United States	Strategy Room 1
CAS	Exploring the Quantitative Analysis of Gambling and the Parallels to Insurance	Strategy Room 2
RSA	Pricing with Machine Learning (Python, R; English and French)	Strategy Room 3
Intact	A Revolution in P&C Ratemaking - Applying Machine Learning in Modern Actuarial Pricing	Falls View ABC

3:15PM - 4:05PM

SPONSOR	SEMINAR	LOCATION
Sun Life	Level Up at Work: An Actuarial Student's Career Guide	Strategy Room 1
SOA	Get with the Program	Strategy Room 2
Munich Re	Predictive Models for Setting Assumptions in Disability Insurance	Strategy Room 3
CAS	Pricing Using Machine Learning	Falls View ABC

4:15PM - 5:05PM

SPONSOR	SEMINAR	LOCATION
AON	Managing Client Needs using Trends and Insights	Strategy Room 1
AAA	What You Need to Know about Qualifications in the United States (French)	Strategy Room 2
RGA	Delta Gen XYZ: Bridging the Actuarial Generation Gap	Strategy Room 3
Manulife	The Future of Insurance – IFRS 17	Falls View ABC

SEMINAR SESSION 1

Canadian Institute of Actuaries: Approximation, Materiality, and Judgment (English)

Speaker(s)

Joe Nunes, FCIA, Executive Chairman, Actuarial Solutions

As you transition from technician to practising professional, you will rely less on single-yield formulas and calculations for results and more on experience and judgment to give meaning to your work and the advice you give. This session is a discussion of how approximation and materiality allow actuaries to choose where to focus resources, and the value good judgment plays in producing sound work. Don't miss the opportunity to learn about matters considered in management decision-making that will help you nail your next job interview, prepare you for career success, and shape your judgment as an actuary.

Northbridge Financial Corporation: Daily Life of a Commercial P&C Actuary (English)

Speaker(s)

Edwina Li, Actuarial Analyst

We will discuss the different challenges and opportunities for an actuarial analyst practising in commercial insurance.

SEMINAR SESSION 2

Canadian Institute of Actuaries: Actuarial Trivia Fun (English)

Speaker(s) Michel Simard, Executive Director; Chris Fievoli, FCIA, Staff Actuary, Communications and Public Affairs; Joseph Gabriel, FCIA, Staff Actuary, Education

Challenge and expand your actuarial acumen beyond technical knowledge, and participate in an interactive trivia session. Using the Kahoot! app on a phone or other device, we'll explore actuarial concepts and education, professionalism, as well as actuaries on the big screen and in pop culture. TIP: you can learn a lot, and earn points for our mobile app game, by reviewing some of the CIA's qualification requirements and the University Accreditation Program page.

Manulife: The Past, The Present and The Future of Actuarial Work (English)

Speaker(s) Eric Chuen Cheong, AVP Actuarial Policy

Learn about the 150 year history of Manulife and how actuarial work has evolved over the last few decades and will evolve in the future.

Desjardins General Insurance: Actuaries vs. Automation: How Actuaries Can Distinguish Themselves in an Increasingly Automated Workplace (English)

Speaker(s) Lukas Ehlers, Director, Actuarial Services – Analysis and Business Solutions

The insurance industry is going through a period of innovation and automation with an increasing number of companies embracing technologies like machine learning, artificial intelligence and natural language recognition and generation, and robotic process automation. Come find out how actuaries can add value in an increasingly automated industry.

Munich Re: Personal Brand – Communicating with Impact (English)

Speaker(s) Jennie An, Director, Talent Acquisition

You're at the conference shaking hands with a recruiter. You made that crucial LinkedIn connection. You've been invited for an interview ... but now what?

Often, we expect our accomplishments alone will get us through these situations: "Look at my GPA! I have great experience and exams!" But what if everyone else does too? How do you then stand out (and for the right reasons)? Leaving a positive, lasting impression goes hand in hand with managing your own personal brand.

This workshop is designed to help you sharpen your communication skills for the moments that matter. Learn how to enhance your personal brand by leveraging your unique, personal strengths. The insights shared in this session can be applied towards interviews, presentations, and general networking.

SEMINAR SESSION 3

Normandin Beaudry: Evolving Opportunities in Total Rewards Consulting – What’s Hot in Total Rewards Consulting (English)

Speaker(s) Karine Bidegain, Consultant - Investment Consulting, Montréal Office
Daniel Drolet, Senior Partner - Group Benefits, Toronto Office

A lot has happened in 30 years. ASNA was born in 1990. Normandin Beaudry was founded a short time later and quickly established itself as a leader in consulting by offering exciting opportunities to actuaries. Come meet our Gen X and Y experts to learn more about their experiences and views on the future of consulting.

Society of Actuaries: The Actuarial Launch Pad (English)

Speaker(s) Abid Kazmi FSA, FCIA, CERA, Senior Director - Investments Strategy at RBC Insurance

This session provides insights into a variety of traditional and (with more emphasis) non-traditional roles for which actuarial science provides a great launch to a career. With a background in investments and banking as well as traditional insurance, the presenter will explore multiple career pathways. He will also use an interactive Q&A style with the prepared materials.

Canada Life: Acing Actuarial Interviews – How to Stand out in the Hiring Process (English)

Speaker(s) Mike Stinchcombe, FSA, FCIA, Manager of Actuarial Marketing Services; Tori Miller, Actuarial Analyst; Claire Xu, Actuarial Associate; Brian Lapierre, Actuarial Analyst

Tips and tricks on how to stand out throughout the hiring process:

- . How to build a résumé to best showcase your skills
- . Ways to stand out from the other candidates

Students are encouraged to bring their résumés.

TD Insurance: Creating an Actuarial Career for the Future (English)

Speaker(s) Vashauna Messam, CIP, Senior Actuarial Analyst, GI Pricing

With advances in technology and the needs of customers constantly changing, it requires an actuary who is adaptable to change and willing to offer a unique perspective. How do you create a career path in the actuarial profession that sets you apart from everyone else?

SEMINAR SESSION 4

Casualty Actuarial Society: Exploring the Quantitative Analysis of Gambling and the Parallels to Insurance (English)

Speaker(s) Matthew Buchalter, VP Commercial Lines Pricing, Economical Insurance

The quantitative analysis of casino gaming odds and strategies shares many common roots with actuarial science, so what better place to bring the two disciplines together than Niagara Falls? This session will include a beginner's guide to rules and basic strategies for some of the most popular casino games. Along the way, the speaker will highlight the parallels to insurance by discussing topics such as risk selection, the house edge, and competitive advantage. Attend this session hosted by the Casualty Actuarial Society to improve your odds of success, both at the gaming tables and in your development as an actuary.

American Academy of Actuaries: What You Need to Know about Qualifications in the United States (English)

Speaker(s) Tom Campbell, MAAA, FSA, CERA, Academy President-Elect

Join representatives of the national actuarial association in the United States for a presentation on what it takes for a CIA (or other actuarial association) member to join the Academy, what you need to be qualified to practice in the US, which professionalism rules apply, and how the US disciplinary process works vis-à-vis a member of the CIA. If you're considering ever working south of the border, this session is for you.

RSA: Pricing with Machine Learning (Python, R; English and French)

Speaker(s) Emily Osborne, Actuarial Analyst; Aravind Lakshminarayanan, Senior Data Scientist
Tommy Maltais Lemelin, French Actuarial Analyst

Pricing methods using XGBoost, support vector machines, and other machine learning.

Intact: A Revolution in P&C Ratemaking - Applying Machine Learning in Modern Actuarial Pricing (English)

Speaker(s) Winnie Luong, ACAS, ACIA – Actuarial Analyst, Frank Jiang – Data Scientist

For decades, actuaries have relied on the same techniques to determine prices for property and casualty (P&C) insurance products. With data and computing power becoming ever more abundant and affordable, actuaries have been freed from certain historical limitations, but now face a new challenge: how can we leverage this unprecedented amount of information and new technology to revolutionize what we do?

Join us to see how Intact is applying machine learning to shake things up in P&C ratemaking, a traditional area of actuarial practice that is ripe for disruption.

SEMINAR SESSION 5

Sun Life: Level Up at Work: An Actuarial Student's Career Guide (English)

Speaker(s)

Ashwin Gopwani, Olivia D'Angelo, Ty Webber

Career growth as an actuary is all about exams, right? Not exactly. Managers are looking to promote talented, well-rounded students with more than just strong technical skills. Join Sun Life representatives at our video game-themed seminar for a walkthrough on how to really level up as an actuarial student.

Society of Actuaries: Get with the Program (English)

Speaker(s)

Jill Harper, FSA, FCIA, CERA, Programming Leader & Actuary, Moody's Analytics
Terrence Chin, Actuary, Capital & Tax Management, ERM

This session focuses on the design and use of actuarial software for traditional areas of practice, such as pricing and valuation, in the life insurance industry. The first presentation will be from a programmer's standpoint; the second will be from a user standpoint. Attendees will glean insights into the importance of programming and modelling skills for actuaries.

Munich Re: Predictive Models for Setting Assumptions in Disability Insurance (English)

Speaker(s)

Colin Sproat, AVP, Biometrics Research; Clinton Innes, Sr. Data Scientist, Integrated Analytics

Tired of hearing about how "big data" and "AI" are going to change actuarial science without any real substance? In this session, representatives from Munich Re's Biometric Research and Integrated Analytics department will discuss real industry examples of how predictive analytics techniques are being merged with traditional actuarial methods. We will discuss how to analyze data and ultimately construct enhanced actuarial assumptions for disability insurance industry applications by using techniques such as actuarial credibility, regularized generalized linear models, variable selection, and validation.

Casualty Actuarial Society: Pricing Using Machine Learning (English)

Speaker(s)

Adil Virani, FCAS, Senior Actuarial Analyst, Intact

Is machine learning just a buzzword? What does it have to do with insurance pricing? Do I need to be technical to understand the concepts? How do you communicate such a technical piece of information to stakeholders who know nothing about machine learning? Come to this session hosted by the Casualty Actuarial Society to find answers to these questions and more.

SEMINAR SESSION 6

American Academy of Actuaries: What You Need to Know about Qualifications in the United States (French)

Speaker(s) Claire Mickelson, Senior Policy Analyst

Join representatives of the American Academy of Actuaries (AAA) for a session on the requirements needed for members of the CIA (or other actuarial organizations) who wish to become a member of the AAA. The speaker will specify the prerequisites for reporting in the United States, which code of conduct rules apply, and how the disciplinary process works for CIA members. If you are thinking of working south of the border, this session is for you.

Reinsurance Group of America: Delta Gen XYZ: Bridging the Actuarial Generation Gap (English)

Speaker(s) Raman Lalia, Actuarial Analyst

From the death of Excel to the 80/20 rule of data/analysis to where did I put my data, this light-hearted session explores the historical transformation of actuarial software and systems.

Manulife: The Future of Insurance – IFRS 17 (English)

Speaker(s) Jessica Janssen, Associate Actuary, Canadian IFRS 17; Carolyn Barber, Associate Actuary, Canadian Group Benefits

The insurance industry has changed over time, and there is another big change on the horizon. We will explore financial reporting for insurance companies in Canada, how it has changed over time, and look forward to the impact IFRS 17 will have. Join us to learn about how we analyze insurance results and how it will change in the future.

Aon: Managing Client Needs using Trends and Insights (English)

Speaker(s) Selina Wong, Director, Associate Partner; Lulu Meng, Senior Consultant
KC Leong, Assistant Vice-President for Reinsurance Solutions
Reinhart Kramreither, Health and Benefits, Assistant Vice-President

Hear from leading insurance and consulting actuaries as they discuss mitigating emerging risks from financial market and managing client needs on employee health and pension benefits. Make sure to come and find out more. It will change in the future.

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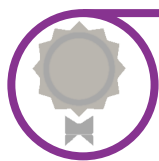
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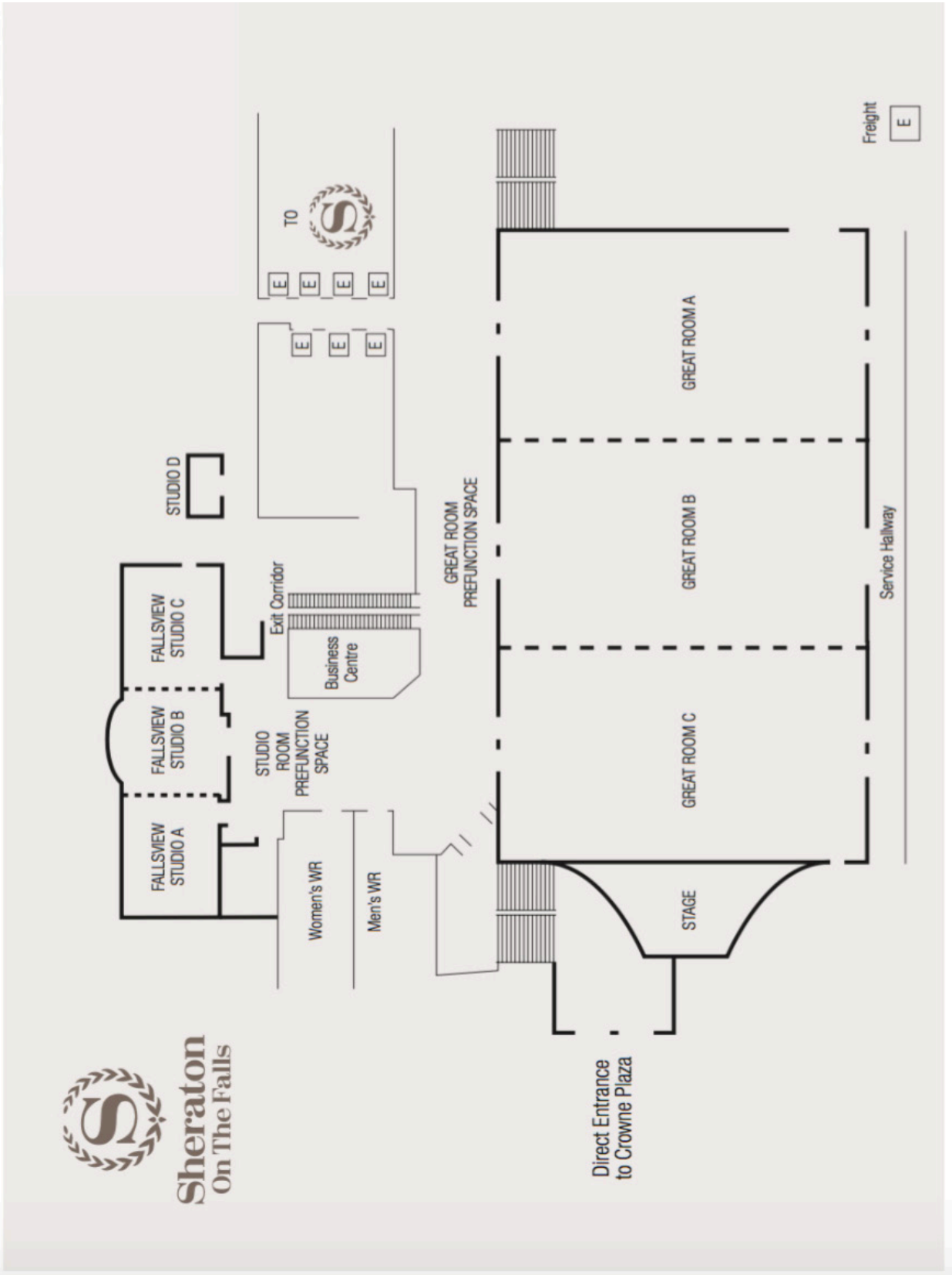
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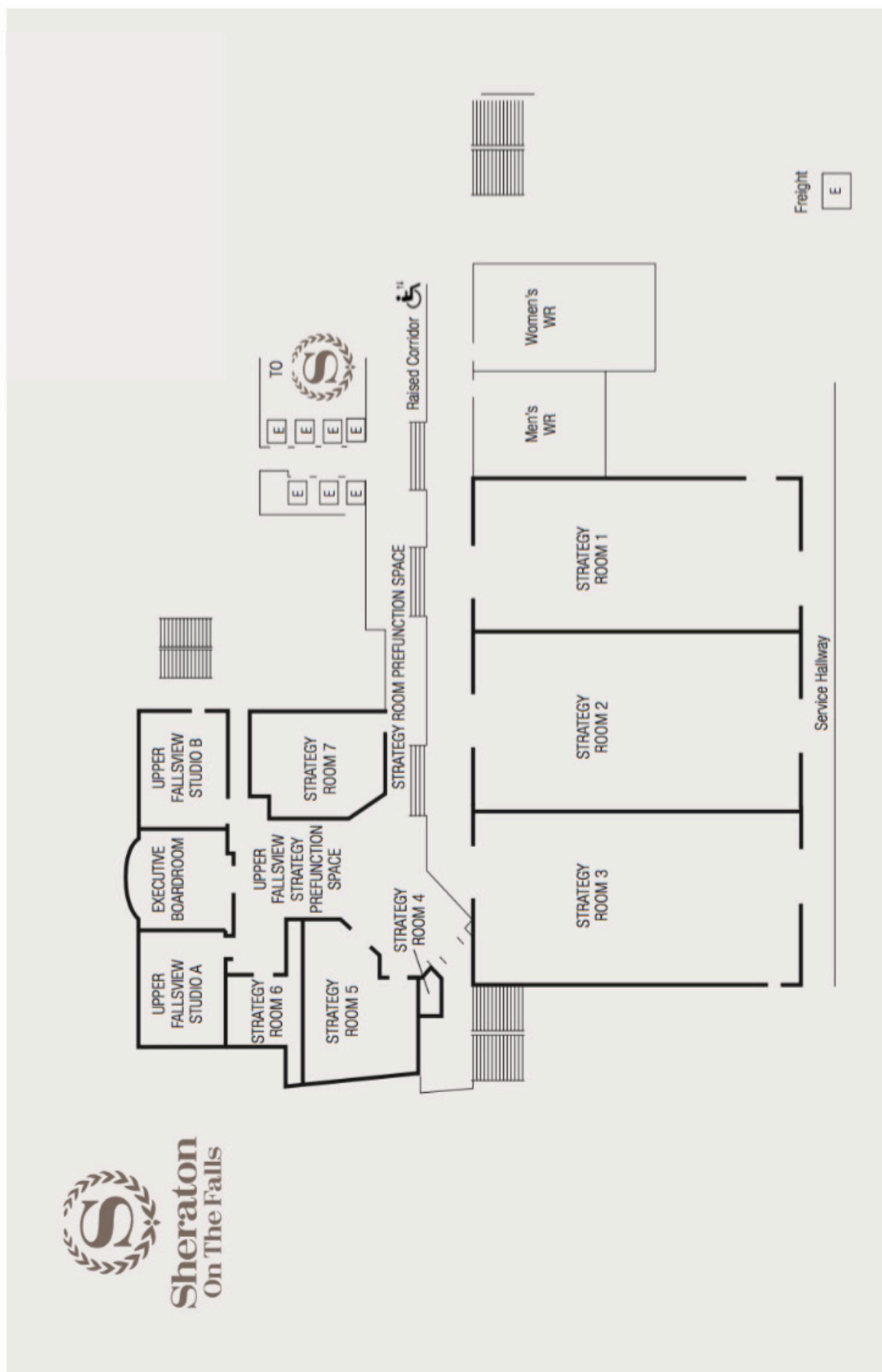
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3rd LEVEL - SHERATON ON THE FALLS



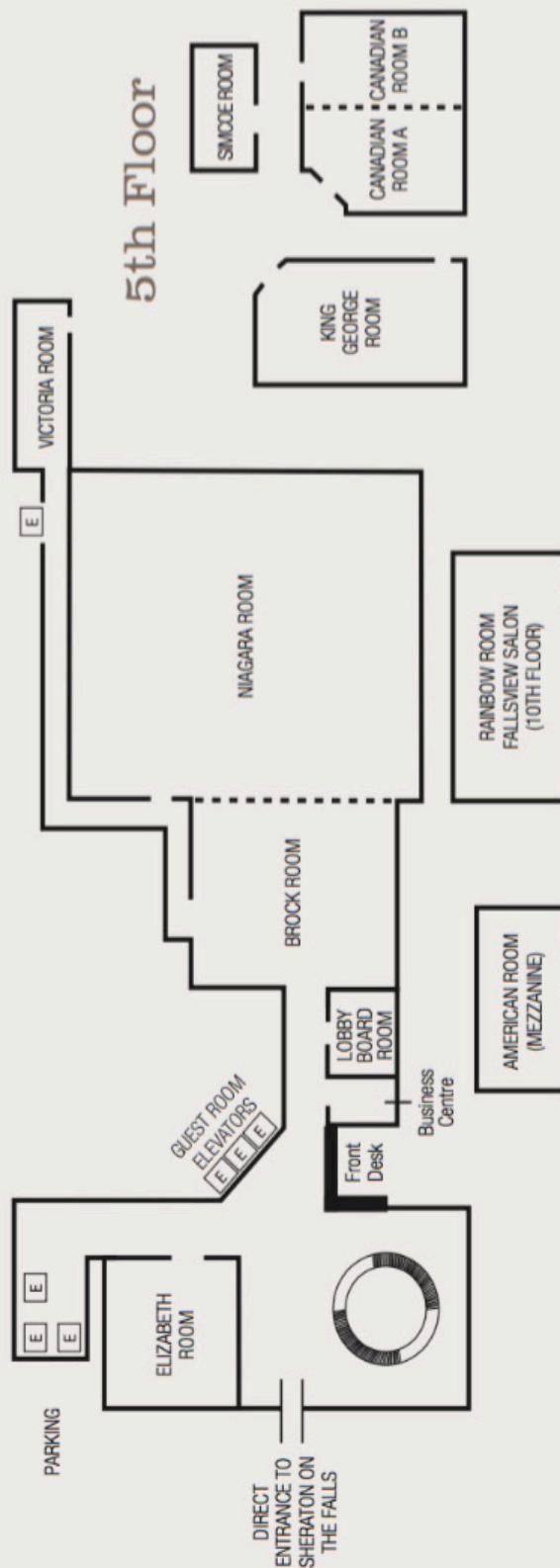
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Come join us for the ASNA 2019/2020 year and bring your skilled background to a recognized national organization which impacts the lives of hundreds of actuarial students across the nation! The only requirement for most roles on our team is to have previously attended an ASNA convention. Please follow these simple steps to apply:

- 1) Review available roles and their responsibilities on the application form available here: <http://www.anea-asna.ca/CAP>
- 2) Update your resume and fill out the application form.
- 3) Prospective candidates will be contacted in the following weeks for the next steps in their application.
- 4) Successful candidates will be welcomed to the team, and transitioned over by the previous team member in that role.

The deadline to apply is **February 8th, 2020 at 11:59PM.**

Tip: We look for proven extracurricular accomplishments and passion for leadership in our team. Successful candidates will be motivated individuals bringing their own ideas and energies to the wide variety of unique roles we have to offer!



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