"Two Cities, Curious Minds" ~ Management Research at Three Universities in the National Capital Region

Management Thesis and Poster Competitions

http://theses.management/

Friday, October 5, 2018 at 11:00 am to 5:00 pm
Hosted by Université du Québec en Outaouais (UQO)

Grande salle C071-C072, 283 boul. Alexandre-Taché, Gatineau, QC
https://uqo.ca/renseignements-generaux/coordonnees-directions

"TWO CITIES, CURIOUS MINDS" ~ MANAGEMENT RESEARCH AT THREE UNIVERSITIES IN THE NATIONAL CAPITAL REGION MANAGEMENT THESIS AND POSTER COMPETITIONS

OCTOBER 5, 2018 | GRANDE SALLE C071-C072 | UQO, 283 BOUL. ALEXANDRE-TACHÉ, GATINEAU, QC

Time	Event
11:00-11:30	**REGISTRATION AND POSTER SET-UP**
11:30-11:45	❖ **WELCOME AND OPENING REMARKS** Dr. Charmain Levy, **DEAN OF RESEARCH, UQO** ❖ **OVERVIEW, JURY INTRODUCTIONS, THESIS AND POSTER COMPETITION RULES** Dr. Stéphane Gagnon, **RESPONSIBLE FOR GRADUATE PROGRAMS IN PROJECT MANAGEMENT, UQO**
11:45-1:00	**LUNCH & KEYNOTE** ❖ **INTRODUCTION OF KEYNOTE SPEAKER** Dr. Wojtek Michalowski, **VICE-DEAN OF RESEARCH, TELFER SCHOOL OF MANAGEMENT, UNIVERSITY OF OTTAWA** ❖ **KEYNOTE PRESENTATION** Dr. James Combs, **DELLA PHILLIPS MARTHA SCHENCK CHAIR OF AMERICAN PRIVATE ENTERPRISE AND PROFESSOR OF MANAGEMENT, UNIVERSITY OF CENTRAL FLORIDA**
1:00-1:50	**THESIS PRESENTATIONS** ❖ **3 SELECTED STUDENTS – 10 MIN EACH** ❖ **Q & A – 5 MIN EACH**
1:50-2:00	**COFFEE/TEA BREAK**
2:00-2:50	**THESIS PRESENTATIONS** ❖ **3 SELECTED STUDENTS – 10 MIN EACH** ❖ **Q & A – 5 MIN EACH**
2:50-3:00	**COFFEE/TEA BREAK**
3:00-3:50	**THESIS PRESENTATIONS** ❖ **3 SELECTED STUDENTS – 10 MIN EACH** ❖ **Q & A – 5 MIN EACH**
3:50-4:20	**JURY DELIBERATIONS AND POSTER SESSION**
4:20-4:45	**ANNOUNCEMENT OF WINNERS** Dr. Michel Rod, **ASSOCIATE DEAN OF RESEARCH & INTERNATIONAL, SPROTT SCHOOL OF BUSINESS, CARLETON UNIVERSITY**
4:45-5:00	**CLOSING REMARKS** Dr. Stéphane Gagnon, **UQO**
5:00-	**CONCLUDING POSTER SESSION AND NETWORKING ▪ WINE & CHEESE**

Dr. James Combs

Della Phillips Martha Schenck Chair of American Private Enterprise and Professor of Management, University of Central Florida

Biography

James G. (Jim) Combs (PhD, Louisiana State University) is the Della Phillips Martha Schenck Chair of American Private Enterprise at the University of Central Florida and Visiting Professor at the University of Ottawa. Jim's research interests are primarily in the areas of franchising, family business, research synthesis, and corporate governance, and appears in journals such as the <u>Academy of Management Journal</u>, <u>Strategic Management Journal</u>, <u>Journal of Management</u>, <u>Journal of Business Venturing</u>, <u>Entrepreneurship: Theory & Practice</u>, and <u>Organizational Research Methods</u>. Jim has served as an Associate Editor at the <u>Academy of Management Journal</u> and <u>Entrepreneurship: Theory & Practice</u>. He has served on the Executive Committees of the Strategic Management and Entrepreneurship divisions of the Academy of Management, and as President of the Southern Management Association (SMA) where he is also a Fellow.

Presentation Title and Abstract

"Reflections on a Career in Business Schools and Best Practices for Navigating the Maze"

It has been almost 30 years since I began my Ph.D. studies at Louisiana State University. In that time, I have seen important trends in the "business" of higher education and business schools. Research-oriented tenure-track positions are harder to get and harder to keep. Research teams are larger and empirical sophistication has increased dramatically. I have also observed several practices and behaviors that are frequently adopted by successful scholars. In this talk, I reflect on these trends and best practices.

STUDENT PRESENTERS

Alexander Chung

Ph.D. Student, Management (Health Systems), Telfer School of Management, University of Ottawa

Title of the project/presentation: A Design Theory for Persuasive Technologies to Facilitate Self-Management of Chronic Conditions

Biography

Alex Chung is a PhD Management Candidate at the University of Ottawa's Telfer School of Management. His research interests lie the fields of information systems and business analytics. Particularly he is interested in the integration of behaviour change theories into systems design to change users' attitudes, and behaviours. Currently, his research focuses on the design of mobile devices and their respective applications to facilitate self-management of chronic conditions like low back pain.

He holds a master's degree in Systems Science with a specialization in Environmental Sustainability from the University of Ottawa and an undergraduate degree in Biology from Carleton University. Following his master's degree, Alex worked as an independent management consultant and researcher while also teaching part-time at the Telfer School of Management. During his free time, he enjoys travelling, playing volleyball, and riding his many bicycles with no hands.

Presentation Abstract

Patients with chronic conditions, like low back pain, can see further deterioration in their health if they do not improve behaviours like physical exercise and dietary consumptions. A potential solution to help facilitate behaviour change is to use persuasive technologies – information technologies designed to change users' attitudes and behaviours. However, there is limited guidance for how such persuasive technologies are to be designed and specifically how the supporting behaviour change theories are operationalized. For example, the personalization of recommendations is recognized as a persuasive feature that can be used to motivate users, but how the feature is operationalized is often done ad-hoc (e.g., different variables, different algorithms). Hence, our research asks how persuasive technologies should be designed and developed to support specific features that are pertinent for the target behaviour. We will work with the Ottawa Hospital's low back pain patients and will focus on physical activities that help with low back pain self-management. Our contribution lies in developing a prescriptive theory that presents the principles inherent in the design and construction of an information systems artifact that meets its objectives based on knowledge of information technology and human behaviour – also known as a design theory. The research objectives are (1) to determine which persuasive feature(s) are most important, (2) develop the design theory for health-oriented persuasive technologies that target increasing physical activities, and (3) validate the design theory by developing the application. The results will help to understand how behaviour change theories are operationalized and integrated into the design of persuasive technologies and practitioners can refer to our work to guide the design and development of their system.

LinkedIn page: https://www.linkedin.com/in/chungalex

Dora (Yun) Wang

Ph.D. Student, Management (Marketing and Information Systems), Sprott School of Business, Carleton University

Title of the project/presentation: Consumers and dietary supplements: An investigation of the motivations and impacts

Biography

Yun Wang is a doctoral student at the Sprott School of Business at Carleton University in Management Program in Marketing and Information Systems. Her research interests include the influence of social media on consumer behavior and organizational behavior, social media analytics, as well as remedy/health marketing. Yun completed her bachelor degree at China Agricultural University and master degree at Central University of Finance and Economics, both in Business Administration Program. Prior to joining Sprott, she worked in the marketing department of Nestlé (China). She has published several papers in refereed journals and proceedings of academic conferences in the Marketing and Information Systems area, such as *Journal of Business and Industrial Marketing*, *Journal of Global Marketing, the International Conference on Information Systems (ICIS), and the International Conference on Information Resources Management (Conf-IRM)*.

Presentation Abstract

In the past two decades, we have seen a burgeoning development of dietary supplement industry and a fast-growing global trend of consuming dietary supplements. However, issues and problems are raised around its necessity, safety, and efficacy. The government adopted a reactive approach to dietary supplement management rather than the proactive verification model used for prescription drugs; clinical experiments show little or no support for many of the supplements regarding their effects. Surprisingly, research shows that consumers still hold strong beliefs in the benefits of dietary supplements.

Hence, we intend to ask two questions: why do consumers use dietary supplements? How does the consumption impact on their wellbeing and lifestyle? Different from the mainstream research that focus on socio-cognitive factors, this project takes on a postmodern view and emphasizes the context-specific factors that affect consumer behavior, aiming to uncover the real motivations behind consumers' dietary supplement intake, the deep meanings and consumer value systems underlying the phenomenon.

This project will enable us to understand which factors affect consumers' use of dietary supplements, how do consumers measure the value of dietary supplement as a credence good, and what is the inter-relationship between consumers' lifestyles and their dietary supplement consumption. More importantly, this project will explore this phenomenon by considering the new trends and changes in marketing environment and consumer behavior (e.g., social media influences, e-marketplace). It may contribute to the health lifestyle/culture research revealing the values, norms and schemas and their activations in dietary supplement consumption; it may have implications for marketing practice and public policy by investigating the impact of various information sources and agencies on consumers' beliefs. It is our hope to build a solid base for dietary supplement research, illustrate its sub-culture, assist consumers to make informed decisions, and eventually, promote their physical and mental well-being.

Jean-François Guay

Ph.D. Student, Doctorate in Business Administration (Project Management), Université du Québec en Outaouais

Title of the project/presentation: La structuration de l'arrimage des pratiques dans un projet de santé : entre intégration et différenciation

Biography

Jean-François Guay travaille au CLSC Olivier Guimond du CIUSSS de l'Est-de-l'Île-de-Montréal depuis 2007 où il a d'abord occupé des fonctions de travailleur social avec différents services dont l'accueil psychosocial, le centre de crise, les services pour jeunes en difficultés 0-17 ans et les familles en crise (CAFE). Depuis 2010, il occupe un poste en organisation communautaire et travaille présentement avec différentes concertations locales dans le but de favoriser le développement social du quartier Mercier-Ouest. Il a également une expérience de travail en coopération internationale et dans les organismes communautaires : Auberge du Cœur, Carrefour Jeunesse Emploi. Il a une maîtrise en gestion de projets, et il est présentement à l'étape de la rédaction de thèse de doctorat dans le même domaine à l'UQO.

Presentation Abstract

L'intégration des pratiques d'une diversité de parties prenantes dans la gestion de projets de santé s'accompagne souvent de tensions. Les tensions émergentes des processus d'intégration semblent avoir comme fondement le besoin des différents acteurs d'être reconnus dans leurs pratiques différenciées. À l'idée d'intégration des pratiques pourrait donc se juxtaposer, à travers la réalisation des projets, celle de la différenciation des pratiques des parties prenantes.

Devant l'absence de connaissances développées sur cette dialectique (intégration et différenciation), il importe donc d'aller observer sur le terrain ce que les parties prenantes font (praxis) pour favoriser l'intégration et la différenciation de leurs pratiques respectives, à la question qu'est-ce que les parties prenantes font, s'ajoute comment elles le font, dans quel contexte et pourquoi afin de favoriser l'intégration ou la différenciation de leurs pratiques respectives? En nous appuyant sur le cadre conceptuel de la structuration de Stones (2005) nous allons décrire les praxis-projets (d'intégration ou de différentiation) utilisées par les parties prenantes d'un projet du secteur de la santé.

Au niveau de la contribution scientifique, la recherche nous permettra de développer les connaissances sur les praxis-projets d'intégration et de différenciation que les parties prenantes peuvent utiliser dans le cadre d'un projet du secteur de la santé: leurs liens avec leurs processus de structuration, leurs impacts possibles sur l'arrimage des pratiques et une meilleure compréhension de la dialectique pouvant exister entre les praxis-projets de différenciation et d'intégration dans le cadre de la réalisation d'un projet du secteur de la santé.
Sur le plan de la contribution pratique, cette thèse permettra d'éclairer les praticiens sur le type de praxis-projets de différenciations et d'intégration pouvant être utilisées à l'intérieur de contextes particuliers. De plus, l'utilisation des praxis-projets de différenciations pourrait fournir une nouvelle avenue pour réduire les tensions entre les parties prenantes lorsque ces dernières tentent de favoriser un meilleur arrimage de leurs pratiques respectives.

Joseph Potvin

Ph.D. Student, Doctorate in Business Administration (Project Management), Université du Québec en Outaouais

Title of the project/presentation: An Internet of Rules

Biography

Joseph Potvin's design research at UQO sets out to solve several problems of commerce in a consistent way by making it simple to publish and fetch computational rules over the Internet in a common standard way, with 100% free/libre software components. His work has been reported on by the World Economic Forum, the WTO Public Forum, and the LSE Business Review, attracting attention of innovation teams at two global trade banks. In August the Chair of the Banking Commission Market Intelligence Committee of the International Chamber of Commerce arranged for him chair a session at the upcoming World Trade Symposium. In 2016 he was invited to present on "Automating Legislation" to the Digital Caucus on Parliament Hill, and throughout 2016-17 he was on the US Federal Reserve's "Faster Payments Task Force". Potvin holds an MPhil from Cambridge (geographical economics) and an Honors BA (economics) from McGill.

Presentation Abstract

Inefficient rules systems and methods erode productivity and add risk for rule users in commerce, payroll, finance, transport and manufacturing. Potvin's DBA dissertation research encompasses system design, development, testing, documentation and experimental deployment of a 100% free/libre project called "An Internet of Rules" (IoR). Reflecting the core principle of the Internet protocol, the limited job of the IoR network layer is to transmit independent, self-contained expressions of computational algorithms as efficiently and flexibly as possible. Computational algorithms can be readily transmitted from any independent source repositories within which they are maintained, to any applications that would use them. The result is that anyone will be able to publish and fetch computational rules in a common standard way, with omnichannel platform interfacing.

There are three components: (i) "Xalgo" is a high-level domain-specific algorithm expression language specification; XalgoAuthor is a development environment tailored to algorithm expression and management. (ii) "Lichen" exchanges transaction data through the APIs of their host applications, and with human users of mobile, browser and voice interfaces; (iii) "Interlibr" is an Internet-accessible distributed processor to map Xalgo-expressed algorithms with transaction data to return results and detail through Lichen. Input data must be conformant to standard global schemas, such as ISO 19845 (Universal Business Language), and ISO 20022 (Universal Financial Industry Messaging Scheme).

This Schumpeterian theoretical framework, influenced by Kurt Dopfer, Gernot Grabher and Jonas Söderlund, introduces a meso-level working system for micro-level rules automation in commerce and industry which, if successful in enhancing performance, could generate bottom-up incentives for proliferation with potentially transformative macro-level emergent effects. Stakeholder collaboration for "engaged scholarship" as described by Andrew Van de Ven is managed through the not-for-profit Xalgorithms Foundation created solely for this purpose, of which Potvin is Executive Director.

LinkedIn page: https://www.linkedin.com/in/joseph-potvin-4231482/

Lucille Perreault

Ph.D. Student, Management (Accounting), Sprott School of Business, Carleton University

Title of the project/presentation: Scientific Research and Experimental Development (SR&ED) Engagement and Management by Small Canadian Controlled Private Corporation (CCPCs)

Biography

Lucille Perreault, MBA, CMA, CPA is a PhD candidate in Management with a particular interest in accounting at the Sprott School of Business, Carleton University. Her research focus is in taxation, innovation, and Small to Medium Enterprises (SMES), and is currently working on research in scientific research & experimental development tax incentives, and spin-offs and patent activity. Lucille has considerable professional experience in accounting and information technology.

Presentation Abstract

Innovation plays a vital role in the growth of an economy. Spending on research and development (R&D) is an important determinant of the innovation process. Due to the risk and high cost of R&D activity, many firms will not undertake the cost of R&D for unknown or potentially no return. This issue is particularly relevant for Small to Medium Enterprises (SMEs) due to resource constraints including capital and human resources. Given the importance of innovation for growth, governments seek to intervene to fix the R&D under-investment issue through grants, loans, or tax incentives.

Since 1948, the Canadian government has used the Income Tax code and R&D tax incentives to stimulate scientific research activity. The incentives have evolved, and since 1986, the primary mechanism used in Canada to encourage R&D is the Scientific Research and Experimental Development (SR&ED) program. The SR&ED program comprises of both an investment tax credit and tax deductions with differing rates for smaller Canadian Controlled Private Corporations (CCPCs) than larger corporations.

Traditional research in R&D and tax incentives focuses on whether the intervention results in increased R&D expenditures or outcomes. In addition, this research has evaluated whether the incentives displace R&D activities (or crowding-out) or induce increased R&D expenditures and projects (additionality) (Hsu, Horng, & Hsueh, 2009). This thesis seeks to determine why small CCPCs engage in the SR&ED program and how the program influences their SR&ED practices. The research design includes semi-structured interviews with a sample of CCPCs to better understand the motivation to file for SR&ED investment tax credits, and the influence these tax credits have on SR&ED management for CCPCs. These findings can assist in providing insight into the conditions that are amenable to CCPCs engaging in R&D and the resulting scope and intensity of these activities in Canada.

LinkedIn page: https://www.linkedin.com/in/lucille-perreault-mba-cpa-cma-1617643/

Marc Pilon

Ph.D. Student, Management (Accounting), Sprott School of Business, Carleton University

Title of the project/presentation: The Role of Governance and Information in Non-Profit Accountability Management

Biography

Marc Pilon, MSA, CPA, CA is a PhD candidate at the Sprott School of Business, Carleton University and a lecturer at Laurentian University, teaching financial accounting and assurance courses in French and English. He obtained his Chartered Professional Accountant designation in 2009 and previously worked as a manager in public accounting. His research interests include governance and accountability in non-profit organisations.

Presentation Abstract

This research focuses on non-profit accountability because there is public interest in the topic and the underlying issues are of broad importance to society. Accountability has also seen a growing interest in the research community (Unerman & O'Dwyer, 2006). Given the recent scandals that have occurred – at the corporate, government and non-profit level – this attention is assuredly warranted. Despite the concerns about accountability, little is known about how non-profits in a Canadian context manage their accountability.

Through the concepts of accountability relationships, governance mechanisms and information strategies, an accountability system is proposed and serves as the conceptual framework to understand how non-profit accountability is managed. Drawing from management scholarship, this research will explore the central question of how Canadian non-profit organizations manage their accountability systems. To answer the research question, a multiple-case study research strategy is utilized to understand how non-profits manage their accountability systems. The research focuses on a cross-sectional sample of non-profits within the health care sector, including hospitals, foundations and Local Health Integration Networks (LHINs). Data will be collected through interviews and archival documents.

This research will advance the understanding of non-profit accountability in a meaningful way. By integrating accountability relationships, governance mechanisms and information strategies into an accountability system, this research will help build on prior foundations and bring each of these research streams closer together, at least regarding non-profit accountability. By integrating these three concepts, this research should also help identify new developments and move this body of research towards more coherence (Hopwood, 1976). Specifically, the research should clarify the conceptual boundaries of governance and information in the context of accountability. Conceptually, the research also clarifies terminology used in the non-profit accountability literature and describes how different theories, such as system, agency, stakeholder, resource dependence and stewardship, impact on accountability.

From a practical perspective, the accountability system proposed will help clarify how non-profits can better operationalize their accountability relationships, governance mechanisms and information strategies, and as a result better manage their accountability systems. By gaining a better understanding of what is happening within the accountability system and providing non-profit leaders with a framework from which to work with, it will help non-profits and its leaders improve their accountability management practices. Thus, this topic is both useful to management scholars and practitioners alike.

LinkedIn page: https://www.linkedin.com/in/marc-pilon-a54aa247/

Maria Syoufi

MSc. Student, Health Systems, Telfer School of Management, University of Ottawa

Title of the project/presentation: Key Issues Facing IT Executives in Ontario Hospitals: Emerging Challenges and Opportunities

Biography

Maria has just defended her thesis research in the MSc. in Health System program at Telfer, University of Ottawa. The thesis research observed IT management issues in Ontario hospitals from the perspectives of executive managers. Her undergraduate education was in health sciences and life sciences. Maria's research interests include health technology at the primary provider level, health technology at the hospital level, management of health information technology, epidemiological research in population health, marginalized populations health (e.g. aboriginal health, women health, and migrant health), and education research. Currently, Maria works at Immigration, Refugees and Citizenship Canada as a research and policy analyst for immigrant health. She has authored a report on assessing the maturity of use of Electronic Medical Records by physicians at Health Canada and co-authored a manuscript on Mood and Anxiety disorders with the Public Health Agency of Canada.

Presentation Abstract

Hospitals face continuous pressures with information technologies (IT) to support their strategies. Hence, IT executives face dynamic issues that require periodic systematic evaluation to inform decisions. Currently, limited research examined IT issues in hospitals facing top IT management, except for Jaana et al (2011). This research is a follow-up to that study and aims at addressing this gap by: assessing current IT management issues in Ontario hospitals and examining their evolution.

The ranking type Delphi was used to solicit iterative controlled feedback through three main phases: brainstorming, narrowing down, and ranking. Of 100 Ontario hospitals contacted, 39 top IT managers agreed partake in the study. Response rate was 80% for rural (n=8), 75% for community (n=12) and academic (n=6) panels.

The respondents had similar characteristics where panels differed significantly due to hospitals' characteristics. A list of 26 IT management issues was generated which was narrowed down to 24 issues to be ranked (rural=19, community=19, academic=21). Prioritization of issues differed significantly between the panels. There were 14 common issues and other issues were unique to certain panels except for the community panel. Over a 7-year period, seven new issues emerged related to technology, regulatory, and human challenges. Limited funding remained #1, whereas ever greening gained importance, and organizational issues decreased.

This study significantly contributes to the management of medical informatics field. At the management level, the list of prioritized issues provides an evidence base for decision making and evaluating performance. At the policy level, provincial governments can use the list to devise comprehensive IT management strategies or direct funding. The categorization of issues and the use of organizational development theories to explain these changes present an innovative approach to study this dynamic evolution overtime. Future research can focus on replicating this study to follow the evolution of these issues.

LinkedIn page: https://www.linkedin.com/in/maria-syoufi/

Reem El Attar

M.Sc. Student, Management, Telfer School of Management, University of Ottawa

Title of the project/presentation: Visible Minority Immigrants' Attributions of Incivility in Organizational Settings

Biography

Reem El Attar is an MSc candidate at the University of Ottawa. She is interested in attributions and discrimination and has a background in psychology. Her current research centers around the experiences of mistreatment of visible minorities in Canada and is supported by Social Sciences and Humanities Research Council of Canada (SSHRC).

Presentation Abstract

It is estimated that by 2031, approximately 28% of the Canadian population will be foreign-born. Despite initiatives to promote multiculturalism, recent surveys of immigrants indicate that they feel discriminated against nonetheless, with higher levels of discrimination experienced by those who are visible minorities. Much of this discrimination is studied outside of the work context; although minority immigrants are an intensively studied population, little research attention has concentrated on their interpersonal workplace experiences. This research aims to fill this important gap by focusing on a well-known and painful workplace experience that is associated with interpersonal discrimination: workplace incivility. Workplace incivility captures the experience of low-intensity deviant behavior with the intent of harm. The results of this program of research will be of interest to academics, policymakers, and the public.
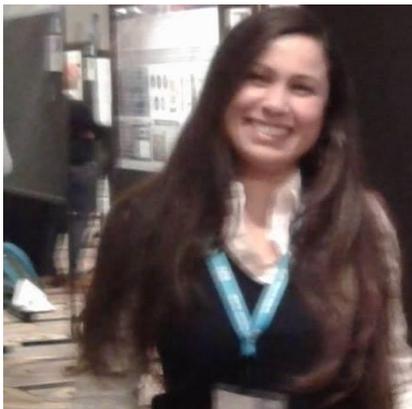
LinkedIn page: https://www.linkedin.com/in/reem-e-034291bb/

Sabrina Azzi

Ph.D. Student, Information Science and Technology, Université du Québec en Outaouais

Title of the project/presentation: Construction d'une ontologie pour l'amélioration du processus de diagnostic : cas pneumonie

Biography

Sabrina Azzi est doctorante en sciences et technologies de l'information à l'université du Québec en Outaouais depuis février 2016. Ses travaux de recherche portent sur les systèmes d'aide à la décision clinique pour l'amélioration des soins octroyés aux patients et les ontologies médicales. Elle est boursière du CISSSO, assistante de recherche depuis juillet 2016 et elle assure des cours magistraux au département des sciences administratives depuis l'été 2016 (parmi les cours assurés : systèmes d'informations pour gestionnaires, gestion des processus d'affaires, intelligence d'affaires, architecture des systèmes d'information, étude de faisabilité d'un système d'information). Elle est également membre du CILEX où elle contribue comme consultante des technologies de l'information. Elle détient le diplôme de Master 2 de l'université de Versailles Saint-Quentin-en Yvelines en France, spécialisé dans les systèmes d'information et les bases de données décisionnels. Elle a travaillé comme analyste et programmeuse des système d'information chez Solutions Doc (informatique médicale).

Presentation Abstract

Les erreurs médicales au niveau du processus de diagnostic est un problème majeur dont souffrent les soins de santé et affectent un nombre de plus en plus grandissant de patients. D'après l'OMS, malgré les conséquences de ces erreurs sur la santé des patients, elles ne constituent pas une grande préoccupation dans la pratique des soins de santé et dans la recherche scientifique. Leurs causes sont diverses et elles sont reliées entre autres aux difficultés de la gestion des connaissances médicales qui ne cessent d'augmenter et à l'absence d'un outil décisionnel efficace pour soutenir les médecins dans le processus de prise de décision pour réduire ou éviter les erreurs qui peuvent survenir.

Les systèmes d'aide à la décision clinique (SADC) sont des outils informatiques capables de traiter l'ensemble des caractéristiques d'un patient donné afin de générer les diagnostics probables de son état clinique ou les traitements adaptés à sa maladie diagnostiquée et au pronostic prévu. Nous nous intéressons dans cette thèse à construire un SADC pour l'amélioration du diagnostic de la pneumonie, une maladie concernée par les erreurs de diagnostic. En effet, cette maladie peut être confondue avec d'autres pathologies telles que l'insuffisance cardiaque chronique, la maladie pulmonaire interstitielle ou l'atélectasie. Ce SADC s'appuie sur une ontologie couvrant la pneumonie construite principalement à partir des guides de bonnes pratiques cliniques (GBPC). Cette ontologie suit les principes d'OBO Foundry pour le développement d'ontologies médicales interopérables logiquement bien structurées et scientifiquement correcte. Celle-ci permettra l'interopérabilité des applications médicales et la facilité de collaboration entre les professionnels de la santé. A partir d'une liste de symptômes, signes cliniques et antécédents introduits par le clinicien, le SADC peut recommander ou éliminer la maladie de la pneumonie. Cette recommandation consiste à faire une radiographie pulmonaire, ensuite les tests de laboratoire nécessaires afin de déterminer le type de pneumonie ainsi que le pathogène qui en est responsable. Le SADC sera intégré dans le système d'information médical SEKMED (Software for the Evolution of Knowledge in MEDicine). Ce projet est en collaboration avec le CISSSO (Centre Intégré de Santé des Services Sociaux de l'Outaouais).

LinkedIn page: https://www.linkedin.com/in/sabrina-azzi-a4841937/

Dr. Linda Schweitzer

Interim Dean, Sprott School of Business, Carleton University

Dr. Linda Schweitzer is the Interim Dean and an Associate Professor in the Sprott School of Business at Carleton University, actively teaching at both the graduate and undergraduate levels. Most notably, she currently teaches Knowledge Management in both the Ottawa and Shanghai Sprott MBA programs, as well as Communications within the Management Development Program for Women. Linda obtained her Ph.D. in Management from Sprott School of Business at Carleton University in 2005.

As an active researcher, Linda has published in the areas of alternate work arrangements (telework and virtual teams), strategic human resources management, organizational behavior, women in business and society as well as generations in the workplace. Her work has been recognized with best and outstanding paper awards by the Emerald Literati Network Awards for Excellence and the Administrative Sciences Association of Canada.

She is currently leading a major research project as a principal investigator funded with a SSHRC Insight Grant on Launching a Career in the 21st Century and previously participated as a co-investigator in a research project funded by a substantial SSHRC grant entitled, "An Examination of Shifting Career Expectations, Experiences, Attitudes, and Values" (with S. Lyons and E.S. Ng). Additionally, Linda is an active member of two Sprott research units: Centre for Information, Technology, Organization and People (CITOP) and Centre for Research and Education on Women and Work (CREWW) and has received funding from CREWW and MITACS for her research and providing her students with research internship opportunities.

Dr. Michel Rod (Jury Member)

Associate Dean of Research & International, Sprott School of Business, Carleton University

Dr. Michel Rod is the Associate Dean of Research and International and Full Professor at the Sprott School of Business, Carleton University, where he oversees the PhD Program as well as the faculty's Research and International initiatives/activities. With an interdisciplinary background in Commerce (Ph.D.), Neuroscience (M.Sc.) and Science (B.Sc. Honours), Dr. Rod is a recognized expert in international business and marketing. He completed his doctoral degree at the University of Birmingham while he was Manager of Intellectual Property Development, Faculty of Medicine and then Director of the Office of Industry and International Research Relations at the University of Calgary. His professional experience in facilitating technology commercialization and establishing joint ventures in London, England since the 1990s inspired his interest for his doctoral research funded by the Institute of Health Economics on triple helix multisector collaborations between government, industry and universities. Dr. Rod has an impressive record of student supervisions and sole or co-authored publications of over 120 peer-reviewed articles in top-tiered journals and conference proceedings, which reflect his interdisciplinary and international research excellence and have earned him a Carleton University Research Achievement Award. His multi-sector contributions include the application of discourse analysis to the study of business-to-business interorganizational relationships; the analysis of sports teams management and performance; policies related to the commercialization of university-derived property; cultural intermediaries in the globalization of wine consumption; the impact of effectual thinking and decision-making in establishing entrepreneurial ventures and the antecedents; and outcomes of front line service worker burnout. Dr. Rod teaches in Sprott's MBA programs in Bogotá, Colombia and Shanghai, China, and formerly in Sprott's MBA in Iran and VUW's programs in China and Vietnam. He was a visiting professor at Korea University Business School and regularly presents at national and international conferences around the world. His research has been funded by the New Zealand Foundation for Research, Science and Technology, the Asia New Zealand Foundation and the Hong Kong Economic Trade Development Office.

Dr. François Julien

Dean, Telfer School of Management, University of Ottawa

Dr. François Julien has been a professor at the Telfer School of Management for more than twenty-five years. He has over twelve years of experience in academic leadership positions and was the Associate Dean (Programs) and Vice Dean of the Telfer School of Management from 2005 to 2010. Over his tenure, he oversaw the creation of the School's first two research-based programs, the M.Sc. in Management and the M.Sc. in Health Systems, led the curriculum revision of all programs offered by the School, and contributed significantly to the quality of the student experience through initiatives such as the creation of the Personal and Leadership Development Program. François Julien was named Acting Dean of the Telfer School on July 1, 2010. His new mandate as Dean started on July 1, 2016 for five years.

From 2006 to 2010, Dr. Julien was also Acting Program Director for the Master's in Health Administration (MHA) program. He developed strong linkages with the leaders in the health care sector and coordinated the efforts of the team of MHA professors in the curriculum revision of the program. He was Director of the Telfer MBA Program between 1997 and 2005. Professor Julien teaches in the fields of production and operations management, management sciences and business communications. His research interests include production planning and scheduling and operations management in general and he has published in *Management Science*, the *Journal of Production and Operations Management* and *IIE Transactions*.

François Julien received his Honours Bachelor of Commerce from the University of Ottawa (Summa cum laude, University gold medal) in 1986, his Master's of Applied Science (Management Science, 1988) and his Ph.D. (Management Science, Gold medal, 1991), from the University of Waterloo.

Dr. Wojtek Michalowski (Jury Member)

Vice-Dean of Research, Telfer School of Management, University of Ottawa

Dr. Wojtek Michalowski is a Professor of Health Informatics at the Telfer School of Management. He is a founding member of the MET Research Laboratory at the University of Ottawa, and Adjunct Research Professor at the Sprott School of Business, Carleton University. During the 1997/98 academic year, he was the Senior Research Scholar at the International Institute for Applied Systems Analysis in Austria. In 2013, the President of the Republic of Poland granted Dr. Michalowski the state title of Professor in recognition of his outstanding research accomplishments – the highest distinction given to researchers in Poland, comes at the recommendation of the Polish Academy of Sciences.

Dr. Michalowski is member of several editorial boards and for a number of years he was a Chair of the Awards Committee of the *International Society on Multiple Criteria Decision Making*. His research interests include computer-interpretable clinical practice guidelines, decision analysis and medical decision making, clinical decision support systems, and computer modelling of interdisciplinary healthcare teams. He has written over 100 refereed papers and has published articles in many journals.

Dr. Michalowski is currently the Principal Investigator of an NSERC-funded research program. The research aims at making clinical practice guidelines applicable for patients with multiple diseases and developing clinical decision support systems for cross-platform applications (www.mobiledss.uOttawa.ca).

Dr. Charmain Levy

Dean of Research, Université du Québec en Outaouais

Dr. Charmain Levy is Dean of Research at Université du Québec en Outaouais since 2016. Before that she spent more than a decade as Professor in the Department of Social Sciences. Specialist in anthropology and political sociology, Professor Levy taught international development. Her research projects focused on social movements and political parties, with a focus on the importance of political society in development, and on faith-based NGOs in a context of syncretism and religious pluralism. She holds a PhD in Anthropology and Sociology of Politics from the University of Paris VIII, a DEA in Anthropology and Sociology of Politics from the University of Paris VIII, a MA in Latin American Studies from the Institute of Advanced Studies in Latin America from U. of Paris III and a Hon. B.A. in Political Science (International Relations and Comparative Politics) from York University in Toronto.

Dr. Tamas Koplyay (Jury Member)

Associate Professor, Université du Québec en Outaouais

Dr. Tamas Koplyay is Associate Professor of Technology and Project Management at Université du Québec en Outaouais. A life-long Professor with areas of expertise in: Strategic management, hi-tech strategy, hi-tech marketing, strategy implementation, business consulting, project management, project evaluation and review, operations audit, mergers and acquisitions, initial public offerings, business incubation, venture capital, executive education, international corporate mergers. Over 200 media interviews with TV, radio, print media on issues related to the hi-tech industry, investment strategies and the globalized economy.

Dr. Stéphane Gagnon

Associate Professor, Department of Administrative Sciences, Université du Québec en Outaouais

Dr. Stéphane Gagnon is Associate Professor in Business Technology Management (BTM) at the Université du Québec en Outaouais (UQO), based in Gatineau, National Capital Region. Before joining UQO in 2006, he taught at New Jersey Institute of Technology (2002-2006), Université du Québec à Montréal (1997-2002), McGill University (2000), and a dozen other universities in 10 countries as visiting professor. He obtained a Ph.D. in Business Administration, specialized in Technology Management and Strategy, from the Université du Québec à Montréal (1994-2001), a M.A. in Public Administration from Carleton University (1991-1994), and a B.Soc.Sc. in Economics & International and Comparative Politics from University of Ottawa (1988-1991).