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## Mr. Benoit Daoust

Correspondence language: English

## Contact Information

The primary information is denoted by (\*)

### Address

Primary Affiliation (\*)

Département de Chimie, Biochimie et Physique  
CP 500  
Université du Québec à Trois-Rivières  
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## Mr. Benoit Daoust

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### Language Skills

Language	Read	Write	Speak	Understand	Peer Review
English	Yes	Yes	Yes	Yes	Yes
French	Yes	Yes	Yes	Yes	Yes

### Degrees

- 1999/10 Post-doctorate, Organic Chemistry, Clinical Research Institute of Montreal  
Supervisors: Yvan Guindon, 1997/9 - 1999/10
- 1997/5 Doctorate, Organic Chemistry, Université de Sherbrooke  
Supervisors: Jean Lessard, 1993/9 - 1997/5
- 1993/8 Master's Thesis, Organic Electrochemistry, Université de Sherbrooke  
Supervisors: Jean Lessard, 1991/9 - 1993/8
- 1991/4 Bachelor's, Chemistry, Université de Sherbrooke

### User Profile

Research Specialization Keywords: organic chemistry, copper-catalyzed chemistry, electron-rich alkenes, organometallic, claisen rearrangement, enamides, oxenamides, enol ethers, vinyl iodides

### Employment

- 2017/12 Chemist  
Innergytech  
I am involved (as an UQTR employee) with this company as a counsellor for their chemical processes (mainly polymerization). The company is producing and selling air-to-air energy recovery products. I participate in troubleshooting and research/développement activities.
- 2014/9 Professeur associé (Adjunct professor)  
Département de Chimie, Faculté des Sciences, Université du Québec à Montréal  
Part-time, Adjunct  
Tenure Status: Non Tenure Track  
Research program : Copper-catalyzed synthesis of heteroatomic substituted electron-rich alkenes. Participation in lecture and seminar activities. Thesis evaluation. Through collaboration with UQAM professors, this position allows me to supervise students enrolled in the UQAM PhD program in chemistry. (There is no PhD program in chemistry at UQTR)

- 1999/12 Professor  
 Département de Chimie, Biochimie et Physique, Université du Québec à Trois-Rivières  
 Full-time, Professor  
 Tenure Status: Tenure  
Teaching assignment : 2 to 4 undergraduate and graduate courses / year (theoretical and experimental organic chemistry). Research program : New methodologies in organic chemistry. We study : 1) Copper-catalyzed synthesis of heteroatomic substituted electron-rich alkenes; 2) Forensic Chemistry (fingerprint development and organic polymer-related forensics); 3) Development of new organic polymers for air-exchange membranes. Service activities: MSc and PhD thesis evaluation, reviewer for scientific publications, institutional committees.
- 2020/6 - 2023/5 Director of undergraduate programs  
 Département de Chimie, Biochimie et Physique, Université du Québec à Trois-Rivières  
 Full-time  
 Tenure Status: Tenure  
 I am currently director of all undergraduate programs (Chemistry, Forensic Chemistry, Biochemistry, Physics, Computer Physics) of our department. This position consists in developing new programs, evaluating existing programs, and recommending program modifications. I have to oversee the program content and I am in charge of directional decisions. I am also the academic advisor for students. I visit colleges and high schools to promote science (and our programs), or to support new activities to promote science.
- 2017/10 - 2017/11 Fingerprint Development Technician  
 Service de la Criminalistique, Sureté du Québec  
 Four-week intership to consolidate my knowledge in fingerprint development.
- 2017/9 - 2017/9 Scene of Crime Officer Internship  
 Service de l'Identité Judiciaire, Sécurité Publique de Trois-Rivières  
 Three-week intership to consolidate my knowledge in crime scene investigation as well as in forensic sciences.
- 2011/6 - 2017/5 Director of undergraduate programs  
 Département de Chimie, Biochimie et Physique, Université du Québec à Trois-Rivières  
 Full-time  
 Tenure Status: Tenure  
 I was director of all undergraduate programs (Chemistry, Forensic Chemistry, Biochemistry, Biophysics, Physics, Computer Physics) of our department. This position consisted in developing new programs, evaluating existing programs, and recommending program modifications. I had to oversee the program content and I was in charge of directional decisions. I was the academic advisor for students. I visited colleges and high schools to promote science (and our programs), or to support new activities to promote science (like UQTR new forensic summer camp). In the fall of 2012, UQTR launched a Forensic Chemistry program. I participated in the conception, creation and elaboration of this new program. I was deeply involved in its development, but also in its constant and numerous adjustments. This program is the only french forensic chemistry program in North America, and only the second french program in the world (the other one is in Switzerland).

## Research Funding History

### Awarded [n=3]

- 2021/1 - 2021/12 Sciences Uniques, Grant  
 Co-investigator  
**Funding Sources:**

Natural Sciences and Engineering Research Council of Canada (NSERC)  
 Promoscience  
 Total Funding - 21,300  
 Portion of Funding Received - 7,100  
 Funding Competitive?: Yes

Co-investigator : Cyril Muehlethaler; Liv Cadola

2017/12 - 2021/6 Development of new air-to-air energy recovery products, Contract

Principal Investigator

**Funding Sources:**

Innergytech Inc.  
 Research Development in Polymer Science  
 Total Funding - 66,600  
 Portion of Funding Received - 66,600  
 Funding Competitive?: No

2017/5 - 2021/4

Co-applicant

Laboratoire de Recherche en Criminalistique, Grant

**Funding Sources:**

Université du Québec à Trois-Rivières (UQTR)  
 Fonds Institutionnel de Recherche  
 Total Funding - 61,578  
 Portion of Funding Received - 10,000  
 Funding Competitive?: Yes

**Completed [n=4]**

2015/5 - 2017/4

Co-applicant

Laboratoire de Recherche en Criminalistique, Grant

**Funding Sources:**

Université du Québec à Trois-Rivières (UQTR)  
 Fonds Institutionnel de Recherche  
 Total Funding - 17,000  
 Portion of Funding Received - 3,500  
 Funding Competitive?: Yes

2015/6 - 2016/5

Principal Investigator

Etude chimique, évaluation des pouvoirs antioxydant et cytotoxique de *Glyphaea brevis* (Spreng) Monachino (Tiliaceae). [Chemical study, evaluation of antioxidant and cytotoxic properties of *Glyphaea brevis* (Spreng) Monachino (Tiliaceae)]., Grant

**Funding Sources:**

Université du Québec à Trois-Rivières  
 Fonds d'animation de la recherche  
 Total Funding - 1,500  
 Portion of Funding Received - 1,500  
 Funding Competitive?: No

Collaborator : Yves Alain Bekro (Université Nangui Abrogoua, Ivory Coast)

2014/6 - 2015/5

Principal Investigator

Expérimentations dans le domaine de la révélation des empreintes digitales; nourrir le contenu d'un futur livre en criminalistique [Fingerprint development experiments: feed knowledge for a future book in forensics], Grant

**Funding Sources:**

Université du Québec à Trois-Rivières  
 Fonds d'animation de la recherche  
 Total Funding - 1,500  
 Portion of Funding Received - 1,500  
 Funding Competitive?: No

Co-investigator : Alexandre Beaudoin (Sûreté du Québec)

2012/5 - 2014/4  
Principal Investigator Préparation d'acides aminés non-naturels – Utilisation des liquides ioniques et de l'activation par irradiation micro-ondes. [Preparation of non-natural amino acids - Use of ionic liquids and microwave activation]., Grant

**Funding Sources:**

Université du Québec à Trois-Rivières (UQTR)

Fonds Excellence

Total Funding - 60,000

Portion of Funding Received - 30,000

Funding Competitive?: Yes

Co-investigator : Daniel Montplaisir; Rachida Zerrouki

## Student/Postdoctoral Supervision

### Bachelor's [n=14]

2020/1 - 2021/4 Principal Supervisor	Marianne Héneault (Completed) , UQTR Thesis/Project Title: Aza-Claisen rearrangement of allyl vinyl sulfonamides Present Position: Student, BSc Chemistry, UQTR
2019/9 - 2020/4 Principal Supervisor	Emmanuelle Lachance (Completed) , UQTR Thesis/Project Title: Fluorescent azo dyes for fingerprint development Present Position: BSc Chemistry, UQTR
2019/9 - 2020/4 Co-Supervisor	Marina Charest and Guillaume Grenier (Completed) , UQTR Thesis/Project Title: Les encres de sécurité: une solution à la contrefaçon (Combat Counterfeiting with Security Inks) Present Position: Graduate students, Université de Lausanne (Switzerland)
2019/9 - 2020/4 Co-Supervisor	Andy Gautier, Heidi Letendre and Marie-Joelle Prevost (Completed) , UQTR Thesis/Project Title: Analyse et discrimination d'encres à tatouage via une étude de dépopulation (Population Study of Tattoo Inks) Present Position: Unemployed
2019/2 - 2019/8 Principal Supervisor	Guillaume Couture (Completed) , UQTR Thesis/Project Title: Copper-catalyzed iodovinylolation of heteroaromatic compounds. Present Position: BSc Chemistry, UQTR
2016/9 - 2017/4 Principal Supervisor	Roxanne Morin (Completed) , Université du Québec à Trois-Rivières Thesis/Project Title: Comparaison de différents cyanoacrylates d'alkyle pour la révélation de traces digitales à l'aide d'une cabine de fumigation commerciale [Comparison of alkyl cyanoacrylates for fingerprint development using commercial fuming cabinets]. Present Position: Seeking employment
2016/9 - 2017/4 Principal Supervisor	Alexandre Camiré (Completed) , Université du Québec à Trois-Rivières Thesis/Project Title: Comparaison de différents cyanoacrylates d'alkyle pour la révélation de traces digitales à l'aide d'une cabine de fumigation commerciale [Comparison of alkyl cyanoacrylates for fingerprint development using commercial fuming cabinets]. Present Position: MSc in Chemistry, UQTR

- 2016/1 - 2016/4  
Principal Supervisor Marie-Jo Lajoie (Completed) , Université du Québec à Trois-Rivières  
Thesis/Project Title: La révélation d'empreintes digitales à l'aide de poudres d'épices. [Fingerprint development using spice powders]. (Winner of UQTR dissemination award)  
Present Position: MSc in Work and Environmental Health - Toxicology, Université de Montréal
- 2016/1 - 2016/4  
Principal Supervisor Catherine Jacob (Completed) , Université du Québec à Trois-Rivières  
Thesis/Project Title: Colorant pour le cyanoacrylate : Rhodamine 6G ou brillant jaune (BY40) ? [Cyanoacrylate dye : Rhodamine 6G or Brilliant Yellow (BY40) ?]  
Present Position: Technician, Opsens (Quebec City)
- 2016/1 - 2016/4  
Principal Supervisor Audrée Gareau-Léonard (Completed) , Université du Québec à Trois-Rivières  
Thesis/Project Title: La révélation d'empreintes digitales à l'aide de poudres d'épices. [Fingerprint development using spice powders]. (Winner of UQTR dissemination award)  
Present Position: BSc Biomedical Sciences, Université de Montréal
- 2016/1 - 2016/4  
Principal Supervisor Audrey Beauchamp-Doré (Completed) , Université du Québec à Trois-Rivières  
Thesis/Project Title: Colorant pour le cyanoacrylate : Rhodamine 6G ou brillant jaune (BY40) ? [Cyanoacrylate dye : Rhodamine 6G or Brilliant Yellow (BY40) ?]  
Present Position: Chemist, Laboratoire des sciences judiciaires et de médecine légale [Quebec Forensic Sciences Lab, Montreal]
- 2015/5 - 2015/8  
Principal Supervisor Nicolas Gilbert (Completed) , Université du Québec à Trois-Rivières  
Thesis/Project Title: N-Iodovinylation intramoléculaire d'amides et de carbamates catalysée par le cuivre : synthèse de lactames et d'oxazolidinones insaturées. [Copper-catalyzed intramolecular N-iodovinylation of amides and carbamates : synthesis of unsaturated lactams and oxazolidinones] (Winner of NSERC USRA)  
Present Position: PhD candidate, Manchester Metropolitan University (UK)
- 2013/6 - 2015/4  
Principal Supervisor François Ladouceur (Completed) , Université du Québec à Trois-Rivières  
Thesis/Project Title: Synthèse de prolines quaternaires à l'aide de la chimie du cuivre et d'un réarrangement de Claisen. [Synthesis of quaternary prolines using copper chemistry and Claisen rearrangement].  
Present Position: MSc Chemistry in my lab, UQTR
- 2013/1 - 2015/4  
Principal Supervisor Paméla Casault (Completed) , Université du Québec à Trois-Rivières  
Thesis/Project Title: Préparation d'acides aminés non-naturels– Utilisation des liquides ioniques et de l'activation par irradiation micro-ondes. [Non-natural amino acids preparation using ionic liquids and microwave irradiation].  
Present Position: Research chemist, OmegaChem (Quebec City)

**Bachelor's Equivalent [n=5]**

- 2018/5 - 2018/7  
Principal Supervisor Claire Dijoux (Completed) , IUT Orsay  
Thesis/Project Title: Réarrangement d'allyl vinyl amides et carbamates (Rearrangement of allyl vinyl amides/carbamates)  
Present Position: Engineering School, France
- 2017/4 - 2017/7  
Principal Supervisor Roxane David (Completed) , Université d'Auvergne Clermont-Ferrand - IUT Le Puy-en-Velay  
Thesis/Project Title: Iodovinylation d'hydrazides à l'aide de la chimie du cuivre [Copper-induced iodovinylation of hydrazides].  
Present Position: Student (Licence Professionnelle), Université de Lyon, France

- 2017/4 - 2017/7  
Principal Supervisor Pierre Lambolez (Completed) , Université d'Auvergne Clermont-Ferrand - IUT Le Puy-en-Velay  
Thesis/Project Title: N-Iodovinylation intramolécule d'amides et de carbamates catalysée par le cuivre : synthèse de lactames insaturées [Copper-induced intramolecular N-iodovinylation of amides and carbamates: synthesis of unsaturated lactams].  
Present Position: Student at Chemical Engineering School, Université de Limoges, France
- 2015/5 - 2015/7  
Principal Supervisor Jérémy Sigros (Completed) , Université d'Auvergne Clermont-Ferrand I - IUT Le Puy-en-Velay  
Thesis/Project Title: Optimisation des conditions de couplages catalysés au cuivre dans la synthèse de précurseurs d'acides aminés. [Optimisation of copper-catalyzed amino acid precursors synthesis]. (Winner of Auvergne Mobility Award)  
Present Position: Unknown
- 2015/5 - 2015/7  
Principal Supervisor Antoine Gonon (Completed) , Université d'Auvergne Clermont-Ferrand I - IUT Le Puy-en-Velay  
Thesis/Project Title: Synthèse de diénamides via la réaction de Heck. [Dienamide synthesis using a Heck reaction]. (Winner of Auvergne Mobility Award)  
Present Position: Chemist, Michelin (Clermont-Ferrand, France)

**Master's Thesis [n=10]**

- 2019/9 - 2021/12  
Principal Supervisor Clodie Gagné-Blais (In Progress) , UQTR  
Student Degree Expected Date: 2021/12  
Thesis/Project Title: A fluorescent version of ORO ?  
Present Position: MSc Chemistry, UQTR
- 2019/9 - 2021/4  
Co-Supervisor Mylène Falardeau (In Progress) , UQTR  
Student Degree Expected Date: 2021/4  
Thesis/Project Title: Degradation study of polymers used in 3D-printed firearms.  
Present Position: MSc Chemistry, UQTR
- 2019/9 - 2021/12  
Principal Supervisor Guillaume Couture (In Progress) , UQTR  
Student Degree Expected Date: 2021/12  
Thesis/Project Title: Aza-Claisen rearrangement of allyl vinyl amides/carbamates  
Present Position: MSc Chemistry, UQTR
- 2019/9 - 2021/4  
Co-Supervisor Gabrielle Harvey (In Progress) , UQTR  
Student Degree Expected Date: 2021/4  
Thesis/Project Title: Biomarkers produced upon lipid degradation; a tool to estimate the time of death.  
Present Position: MSc Chemistry, UQTR
- 2015/9 - 2017/10  
Co-Supervisor Caroline Mireault (Completed) , Université du Québec à Trois-Rivières  
Thesis/Project Title: Analyse des polymères dans les documents de sécurité : pertinence d'une intégration en profilage ? [Polymers analysis in counterfeit identity documents - Towards a new method for forensic intelligence ?] (Holder of NSERC MSc Scholarship)  
Present Position: Chemist, Laboratoire des sciences judiciaires et de médecine légale [Quebec Forensic Sciences Lab, Montreal]
- 2015/9 - 2018/2  
Principal Supervisor François Ladouceur (Completed) , Université du Québec à Trois-Rivières  
Thesis/Project Title: Étude mécanistique de couplages au cuivre impliquant des iodures vinyliques et différents partenaires azotés et oxygénés. [Mechanistic studies of copper coupling reactions between vinyl iodides and various nitrogenated and oxygenated partners].  
Present Position: Chemistry teacher, College Laflèche, Trois-Rivières (CEGEP institution)

- 2015/9 - 2018/4  
Principal Supervisor Paméla Casault (Completed) , Université du Québec à Trois-Rivières  
Thesis/Project Title: Synthèse de 1,2-dialkoxyéthylènes et beta-alkoxyénamides à l'aide de la chimie du cuivre. [Synthesis of 1,2-dialkoxyethylenes and beta-iodoalkoxyenamides using copper coupling chemistry]. (Holder of NSERC MSc Scholarship)  
Present Position: Research chemist, OmegaChem (Quebec City)
- 2015/9 - 2017/10  
Principal Supervisor Nicolas Gilbert (Completed) , Université du Québec à Trois-Rivières  
Thesis/Project Title: N-Iodovinylation intramoléculaire d'amides et de carbamates catalysée par le cuivre : synthèse de lactames et d'oxazolidinones insaturées.[Copper-catalyzed intramolecular N-iodovinylation of amides and carbamates : synthesis of unsaturated lactams and oxazolidinones] (Holder of NSERC MSc Scholarship)  
Present Position: PhD candidate, Manchester Metropolitan University (UK)
- 2013/9 - 2015/11  
Principal Supervisor Julie Bruneau (Completed) , Université du Québec à Trois-Rivières  
Thesis/Project Title: Synthèse de prolines quaternaires à l'aide de la chimie du cuivre et d'un réarrangement de Claisen.[Synthesis of quaternary prolines using copper chemistry and Claisen rearrangement]. (Winner of FRQNT MSc scholarship)  
Present Position: Chemistry teacher, Cégep de Saint-Hyacinthe
- 2012/9 - 2016/1  
Co-Supervisor Ibtissem Tolba (Completed) , Université du Québec à Trois-Rivières  
Thesis/Project Title: Détermination d'un méta-paramètre pour la mesure de capacité antioxydante des thés, tisanes et jus. [Determination of a meta-parameter for the antioxidant capacity measurements of teas, infusions and juices].  
Present Position: Seeking employment
- Doctorate [n=4]**
- 2019/4 - 2022/9  
Co-Supervisor Darshil Patel (In Progress) , UQTR  
Student Degree Expected Date: 2022/9  
Thesis/Project Title: Identifying the transition from antimortem to postmortem decomposition odour  
Present Position: PhD Forensic Taphonomy, UQTR
- 2019/4 - 2022/9  
Co-Supervisor Rushali Dargan (In Progress) , UQTR  
Student Degree Expected Date: 2022/9  
Thesis/Project Title: Elucidating the decomposition odour profile of human remains  
Present Position: PhD Forensic Taphonomy, UQTR
- 2018/10 - 2023/9  
Co-Supervisor Aaron Dove (In Progress) , Institut National de la Recherche Scientifique - Énergie, Matériaux et Télécommunications  
Student Degree Expected Date: 2023/9  
Thesis/Project Title: Vacuum metal deposition for fingerprint development: a mechanistic study.  
Present Position: PhD candidate
- 2014/9 - 2019/12  
Co-Supervisor Simon Ricard, (Completed) , UQAM  
Thesis/Project Title: Développement d'une réaction tandem de vinylation de carbamates et de réarrangement de Claisen et application à la synthèse de 1,3-aminoalcools. [Carbamate vinylation - Claisen rearrangement tandem reactions ; synthesis of 1,3-aminoalcohols]. (Holder of FRQNT PhD scholarship)  
Present Position: PhD in chemistry, UQAM, Research Assistant, my lab



**Post-doctorate [n=1]**

2016/1 - 2016/12 Marcel Konan (Completed) , Université du Québec à Trois-Rivières  
 Principal Supervisor Thesis/Project Title: Evaluation des pouvoirs antioxydant et cytotoxique d'extraits de *Glyphaea brevis* (Spreng) Monachino (Tiliaceae). [Antioxidant and cytotoxic activity of *Glyphaea brevis* (Spreng) Monachino (Tiliaceae) extracts]. (Holder of CFSP (Canadian Francophonie Scholarship Program) PDF award)  
 Present Position: Lecturer-researcher, Université Nangui Abrogoua, Abidjan, Ivory Coast

**Event Administration**

2007/3 - 2020/3 District Coordinator (since 2007), Canadian Chemistry Contest. Communication with colleges and high schools of my district (~200 schools), distribution of the exam, correction and dissemination of the results., Club, 2007/3 - 2020/3

2018/1 - 2018/5 Teacher, 20 hour course in forensic chemistry, Université Nangui Abrogoua (UNA), Abidjan, Ivory Coast. (I gave a 20 hour course between May 5th and May 17h 2018 to graduate students in chemistry.), Course, 2018/5 - 2018/5

2015/5 - 2015/5 Évaluateur de colloque [Symposium evaluation], 83e congrès de l'ACFAS [83rd ACFAS annual meeting]. Decide which scientific abstract will be accepted., Conference, 2015/5 - 2015/5

**Editorial Activities**

2020/4 - 2026/3 Reviewer, Chemistry A European Journal (1 article per year), Journal

2018/9 - 2025/9 Reviewer, Journal of Forensic Sciences (2 articles per year), Journal

2016/10 - 2020/10 Reviewer, Tetrahedron Letters (1 article per year), Journal

2017/5 - 2020/5 Reviewer, CNS & Neurological Disorders-Drug Targets (1 article per year), Journal

2017/3 - 2020/3 Reviewer, Letters in Organic Chemistry (2 articles per year), Journal

2016/8 - 2019/7 Reviewer, Organic and Biomolecular Chemistry (1 article per year), Journal

2016/4 - 2018/4 Drafting and editorial work, Journal de la Criminalistique, Association Québécoise de Criminalistique [Forensic Journal, Quebec Forensic Association]. Responsible for conference (or ongoing training) proceedings. Editing., Newsletter

2014/1 - 2018/1 Reviewer, Forensic Science International (1 article per year), Journal

2014/1 - 2018/1 Reviewer, The Journal of Steroid Biochemistry and Molecular Biology (1 article every 2 years), Journal

2010/1 - 2018/1 Reviewer, Bioorganic Chemistry (1 article every 2 years), Journal

2008/1 - 2018/1 Reviewer, Synthetic Communications (1 article per year), Journal

**Organizational Review Activities**

2020/12 - 2021/4 Jury member, Université du Québec à Trois-Rivières  
 PhD thesis evaluation. Candidate: Eric Desnoes. Title: Élaboration de résines et de matériaux composites thermodurcissables renouvelables. Research supervisor: Daniel Montplaisir.

- 2021/1 - 2021/2 Jury member, Université du Québec à Montréal  
MSc thesis evaluation. Candidate: Amira Khelil. Title: Développement d'une nouvelle méthode de dépistage des insecticides néonicotinoïdes via l'apparition d'un signal de fluorescence. Research supervisor: Daniel Chapdelaine.
- 2019/11 - 2020/2 Member of the Selection Committee - FRQNT Grant - Projet de recherche en équipe – Electrochimie, Fonds de recherche du Québec - Nature et technologies (FRQNT) Grants evaluation
- 2014/9 - 2019/9 Member of the Committee on the SOCOs Training in the French Language, Canadian Police College  
The forensic identification training for SOCOs (Scene Of Crime Officers) is offered in French and English by the Canadian Police College (CPC) in Ottawa. For different reasons, the CPC wants to delocalize its french training in Trois-Rivières and Nicolet. A committee, regrouping people of influence in the forensic community in Quebec, was created to accomplish this task. I am a member of this committee. I was invited to participate in this committee because of the expertise I developed in forensics, and because of my knowledge of the forensic community in Québec.
- 2010/9 - 2017/9 Jury member, Université du Québec à Trois-Rivières  
I was a jury member of several MSc and PhD candidates from my institution (approximately 2 candidates per year).

## Knowledge and Technology Translation

- 2010/5 - 2020/12
- Creation/Promotion of Forensic Chemistry Program, Technology, Product, Process, Service Improvement/Development  
 Group/Organization/Business Serviced: UQTR  
 Target Stakeholder: General Public  
 Outcome / Deliverable: In 2009, the National Academy of Science (NAS) produced a report where they underlined the urgent need of strengthening forensic science in the USA (Canada produced a similar report in 2012 (Hart House Report)). Strong of its Public Safety BSc degree, its tight bonds with l'École Nationale de Police du Québec, its already existing BSc degree in Chemistry, UQTR decided to respond to this urgent need by launching a new BSc Forensic Chemistry program. UQTR leaders contacted me (in 2010) to launch this program. I was a chemist at UQTR for more than 10 years at that time, and I had acquired a lot of experience in program management (from prior administrative appointments). That is how I became one of the founders of this program. I was also the first director of this program.  
 Evidence of Uptake/Impact: My first job was, in collaboration with the administration, to select the first professor that would be the backbone of this new program. Frank Crispino was chosen (more than 25 years in the Gendarmerie Francaise). Together, we i) elaborated the program, ii) designed the lab facilities (with the help of UQTR's architects), iii) supervised the construction of these labs, iv) were in charge to equip the new forensic labs (quotations, purchase, installation of the equipment), v) participated in the selection of the other professors in forensic science, vi) publicly launched the program in 2012 (including broadcast interviews). As director of the program, I solely was in charge of students and directional decisions. I was also founder of Laboratoire de Recherche en Criminalistique (Forensic Research Group), created in 2014.  
 Activity Description: The development of this program created strong bonds with the "security community" of Québec and Canada (Sureté du Québec, CBSA, INSPQ [National Institute of Public Health], RCMP, etc ...). These collaborations gave birth to research projects, student internships, knowledge transfer, and scientific consulting. This unique field of expertise in UQTR will make police activities more scientific (as requested by the 2009 NAS Report), thus supporting our political leaders and decision makers in our judicial system. My ongoing role is now, as a leader, to maintain the quality of our program, the research level in forensics and our relationships with our multiple partners.
- 2012/1 - 2018/6
- Popularizer of Science and Chemistry, Community Engagement  
 Target Stakeholder: General Public  
 Outcome / Deliverable: A) 2012-2018 - I visited a number of high schools and colleges and gave lectures to young adults about forensics. In these lectures, I talked about the fun of doing and studying chemistry and forensics. B) May 29th 2014 - I organized the ISPAJES Gala (2014's theme "The Forensic Box"). In ISPAJES Project (Ingénierie Simultanée Présentée Aux Jeunes du Secondaire), grade 9 students design, over the course of a school year, a product or system based on a client's needs. It culminates with the Gala where the students present their product. C) Along with Alexandre Beaudoin (fingerprint specialist at Sureté du Québec) and Pamela Casault (BSc in Forensic Chemistry at UQTR), I wrote a book on fingerprint development using household products. This book, intended for the general public but also for high school teachers in science, was published in March 2018.  
 Evidence of Uptake/Impact: I hope that these activities will convince youngsters about the wonders and magic of chemistry and science. I hope this will motivate them to embrace a scientific career.  
 Activity Description: My role here is to get the next generation excited about science, and especially about chemistry. Through different activities related to forensic science, I present the wonders and magic of chemistry to our youngsters.

## International Collaboration Activities

- 2006/4 - 2020/4 Collaborator, France  
Collaboration with Université d'Auvergne Clermont-Ferrand I - IUT Le Puy-en-Velay. Since 2006, I have been collaborating with this institution specialized in organic and hybrid materials through different projects in organic chemistry. Through our copper-catalyzed chemistry, we prepare various organic models that can be utilized by our collaborators in their research on materials. This important work has provided us with some useful hints on how to make our reaction more appealing to the industry. I supervised 14 internships over the last ten years. The knowledge they acquired and the training they received in my laboratory motivated them to further their education (e.g. engineering school, MSc, PhD) or obtain an interesting position in the industry (e.g. Michelin). I intend to welcome 6 to 8 internships from this institution for the next five years.
- 2016/1 - 2019/1 Collaborator, Côte d'Ivoire  
At the beginning of 2016, I started an international collaboration with professeur Yves Alain Bekro (Director of Laboratoire de Chimie BioOrganique et de Substances Naturelles (LCBSN) [BioOrganic and Natural Product Research Group], Université Nangui Abrogoua, Ivory Coast). We started by performing some extractions of natural products coming from Ivory Coast. The collaboration is now moving towards the development of academic and research programs in forensic chemistry.

## Committee Memberships

- 2014/6 Committee Member, Comité exécutif, Département de Chimie, Biochimie et Physique [Executive Committee, Department of Chemistry, Biochemistry and Physics], Université du Québec à Trois-Rivières  
The Committee advises the Department Chair and the Department. It deals with issues involving budgets and faculty duties. It also provides feedback and communication with colleagues. I was on sabbatical leave from June 2017 to May 2018; I did not serve as member of this committee during this one-year period.
- 2013/5 - 2021/5 Committee Member, Conseil d'Administration [Board of Directors], Association Québécoise de Criminalistique [Quebec Forensic Association]  
Determining the organization's mission and purpose. Securing adequate financial resources for the organization to fulfill its mission. Providing ongoing training to our members through invited speakers.

## Other Memberships

- 2014/6 Member, Laboratoire de Recherche en Criminalistique [UQTR Forensic Research Group]  
The main goal of the organization is to develop detection and interpretation methods of trace evidence in order to resolve investigating problems but also to elaborate forensic intelligence. I am director of this research group since September 2018.
- 2014/1 Full Member (upon invitation), International Association of Identification (IAI)  
The organization objectives are to associate people who are actively engaged in the profession of forensic identification. It also encourages the enlargement and improvement of the science of forensic identification and keeps its members apprised of the latest techniques and discoveries in the field. In addition, it provides training, education and information in forensic identification. The IAI screens all requests for membership against a set of required qualifications. Only those individuals who meet the qualifications are offered a membership.

2012/1	Full Member, Association Québécoise de Criminalistique [Quebec Forensic Association] The organization promotes forensic science. It fosters research in all fields of forensic science, helps diffusing the results of its members, and provides ongoing education.
2007/1	Full Member, PharmaQAM The main goal of the organization is to consolidate academic expertises relevant to drug discovery. The center focuses on the molecular aspects of biopharmaceutical research and brings together complementary cutting-edge research essential for efficient drug discovery.
1992/9	Full Member, Ordre des Chimistes du Québec

## Presentations

- (2021). Blank Entry : Author indication (valid for the following sections : Presentations, Journal Articles and Conference Publications). \* for Students. CAPITALS for person who gives the presentation (multiple authors). NB When my name is last, I was PI, I conducted the research; when my name is second last, I was co-supervisor. When there is no name, I presented., Canada  
Invited?: No, Keynote?: No
- RICARD S, Gilbet N\*, Casault P\*, Ladouceur F\*, Daoust B, Gagnon A. (2019). Copper-Catalyzed beta-Halovinylolation of Nitrogenated Species. 102nd Canadian Chemistry Conference and Exhibition, Quebec, Canada, Quebec City, Canada  
Main Audience: Researcher  
Invited?: No, Keynote?: No
- (2019). Forensic Chemistry - An introduction, Part 2.I was invited to teach a 20-hour class/workshop in forensic science (May 7th to May 18th 2019), Abidjan, Côte d'Ivoire  
Main Audience: Researcher  
Invited?: Yes, Keynote?: Yes
- Beaudoin A. (2018). La criminalistique accessible, Guide de survie des empreintes digitales (Forensics for all: Fingerprinting Survival Kit). Conférences AQC (AQC = Association Quebecoise de Criminalistique), Ecole Nationale de Police, Nicolet (Québec), Canada  
Main Audience: Knowledge User  
Invited?: Yes, Keynote?: Yes
- RICARD S\*, Gagnon A, Daoust B. (2018). Synthesis of gamma-delta-unsaturated alpha-aminoketones using a tandem copper-catalyzed vinylolation reaction followed by a Claisen rearrangement. 21st CBGRC (Chemistry and Biochemistry Graduate Research Conference), Montreal (Concordia University), Canada  
Main Audience: Researcher  
Invited?: No, Keynote?: No
- (2018). Copper-catalyzed vinylolation of nitrogenated species. 22nd SACIQ (Quebec Annual Symposium in Inorganic Chemistry), Trois-Rivières, Canada  
Main Audience: Researcher  
Invited?: Yes, Keynote?: Yes
- RICARD S\*, Gagnon A, Daoust B. (2018). Synthesis of gamma,delta-Unsaturated alpha-Aminoketones Using a Tandem Copper-Catalyzed Vinylolation Reaction Followed by a Claisen Rearrangement. 101st Canadian Chemistry Conference and Exhibition, Edmonton, Canada  
Main Audience: Researcher  
Invited?: No, Keynote?: No

8. RICARD S\*, Gagnon A, Daoust B. (2018). Synthesis of gamma,delta-unsaturated alpha-aminoketones using a tandem copper-catalyzed vinylation reaction followed by a Claisen rearrangement. 29th QOMSBOC (Québec-Ontario Mini-Symposium for Synthetic and Bioorganic Chemistry), Toronto (York University), Canada  
Main Audience: Researcher  
Invited?: No, Keynote?: No
9. (2018). Forensic Chemistry - An introduction, Part 1. I was invited to teach a 20-hour class/workshop in forensic science (May 5th to May 17th 2018), Abidjan, Côte d'Ivoire  
Main Audience: Researcher  
Invited?: Yes, Keynote?: Yes
10. CASAULT P\*, Daoust B. (2017). Iodovinylation d'hydrazides et de carbazates à l'aide de la chimie du cuivre (Copper-induced iodovinylation of hydrazides and carbazates). 85e congrès de l'ACFAS (85th ACFAS annual meeting), Montreal, Canada  
Main Audience: Researcher  
Invited?: No, Keynote?: No
11. CASAULT P\*, Daoust B. (2017). Iodovinylation de composés hétéroatomiques via la chimie du cuivre (Copper-induced iodovinylation of heteroatomic compounds). Colloque 2017 des étudiants-chercheurs de maîtrise en chimie et biochimie de l'UQAM (2017 UQAM Chemistry and Biochemistry Students Symposium), Montreal, Canada  
Main Audience: Researcher  
Invited?: No, Keynote?: No
12. RICARD S\*, Gagnon A, Daoust B. (2017). Développement d'une réaction tandem de vinylation de carbamates catalysée au cuivre suivie d'un réarrangement de Claisen et son application à la synthèse de 1,3-amino-alcools (Carbamate vinylation - Claisen rearrangement : synthesis of aminoalcohols). 85e congrès de l'ACFAS (85th ACFAS annual meeting), Montreal, Canada  
Main Audience: Researcher  
Invited?: No, Keynote?: No
13. MIREAULT C\*, Baechler S, Daoust B, Côté R, Crispino F. (2017). Analysis of polymers in false identity documents: A new contribution to forensic intelligence. American Academy of Forensic Sciences 69th Annual Scientific Meeting, New Orleans, United States  
Main Audience: Researcher  
Invited?: No, Keynote?: No
14. GILBERT N\*, Daoust B. (2017). N-Iodovinylation intramoléculaire d'amides et de carbamates catalysée par le cuivre : synthèse de lactames insaturées et d'énamides hétérocycliques (Cu-catalyzed intramolecular N-halovinylation of amides and carbamates). Colloque 2017 des étudiants-chercheurs de maîtrise en chimie et biochimie de l'UQAM (2017 UQAM Chemistry and Biochemistry Students Symposium), Montreal, Canada  
Main Audience: Researcher  
Invited?: No, Keynote?: No
15. DAOUST B. (2017). La criminalistique à l'UQTR (Forensic Science at UQTR). Presentation of our forensic chemistry program and scientific popularization to high school teenagers, Trois-Rivières, Canada  
Main Audience: General Public  
Invited?: Yes, Keynote?: Yes
16. LADOUCEUR F\*, Daoust B. (2017). Etude mécanistique de couplages au cuivre impliquant des iodures vinyliques ainsi que des amides et carbamates (Mechanistic studies of copper-coupling reactions between vinyl iodides and amides/carbamates). Colloque 2017 des étudiants-chercheurs de maîtrise en chimie et biochimie de l'UQAM (2017 UQAM Chemistry and Biochemistry Students Symposium), Montreal, Canada  
Main Audience: Researcher  
Invited?: No, Keynote?: No

17. MIREAULT C\*, Daoust B. (2017). L'analyse des polymères dans les faux documents d'identité : un potentiel de renseignement criminalistique (Analysis of polymers in false travel and identity documents: a new contribution to forensic intelligence). Colloque 2017 des étudiants-chercheurs de maîtrise en chimie et biochimie de l'UQAM (2017 UQAM Chemistry and Biochemistry Students Symposium), Montreal, Canada  
Main Audience: Researcher  
Invited?: No, Keynote?: No
18. MIREAULT C\*, Baechler S, Daoust B, Côté R, Crispino F. (2017). Chemical Analysis of False Identity Documents: A New Contribution to Forensic Intelligence?. 21st Triennial Meeting of the International Association of Forensic Sciences, Toronto, Canada  
Main Audience: Researcher  
Invited?: No, Keynote?: No
19. DAOUST B. (2017). Presentation of our new forensic chemistry program to Public Safety Canada directors and partnership agreement. Presentation of our forensic chemistry program to students and teachers of the Collège Shawinigan, Shawinigan, Canada  
Invited?: Yes, Keynote?: Yes
20. MIREAULT C\*, Daoust B, Crispino F, Baechler S, Côté R. (2017). Analysis of polymers in false travel and identity documents: a new contribution to forensic intelligence. 21st Triennial Meeting of the International Association of Forensic Sciences, Toronto, Canada  
Main Audience: Researcher  
Invited?: No, Keynote?: No
21. DAOUST B, Ricard S\*, Casault P\*, Gilbert N\*, Ladouceur F\*, Gagnon A. (2017). Copper-catalyzed vinylation of nitrogenated species. 100th Canadian Chemistry Conference and Exhibition, Toronto, Canada  
Main Audience: Researcher  
Invited?: No, Keynote?: No
22. CASUALT P\*, Daoust B. (2016). Synthèse de 1,2-dialkoxyéthylènes et de bêta-alkoxyénamides à l'aide de la chimie du cuivre (Synthesis of 1,2-dialkoxyethylenes and beta-alkoxyenamides using copper-coupling chemistry). 84e congrès de l'ACFAS (84th ACFAS annual meeting), Montreal, Canada  
Main Audience: Researcher  
Invited?: No, Keynote?: No
23. LADOUCEUR F\*, Daoust B. (2016). Etude mécanistique de couplages au cuivre impliquant des iodures vinyliques ainsi que des amides et carbamates (Mechanistic studies of copper-coupling reactions between vinyl iodides and amides/carbamates). 84e congrès de l'ACFAS (84th ACFAS annual meeting), Montreal, Canada  
Main Audience: Researcher  
Invited?: No, Keynote?: No
24. GILBERT N\*, Daoust B. (2016). N-Iodovinylation intramoléculaire d'amides et de carbamates catalysée par le cuivre : synthèse de lactames insaturées et d'énamides hétérocycliques (Cu-catalyzed intramolecular N-halovinylation of amides and carbamates). 84e congrès de l'ACFAS (84th ACFAS annual meeting), Montreal, Canada  
Main Audience: Researcher  
Invited?: No, Keynote?: No
25. GILBERT N\*, CASUALT P\*, Daoust B. (2016). Comparison of Various Alkyl Cyanoacrylates for Fingerprint Development. 60th Annual Conference of the Canadian Society of Forensic Science, Montreal, Canada  
Main Audience: Researcher  
Invited?: No, Keynote?: No



26. RICARD S\*, Gagnon A, Daoust B. (2016). Développement d'une réaction tandem de vinylation de carbamates catalysée au cuivre suivie d'un réarrangement de Claisen et son application à la synthèse de 1,3-aminoalcools (Carbamate vinylation - Claisen rearrangement : synthesis of aminoalcohols). 84e congrès de l'ACFAS (84th ACFAS annual meeting), Montreal, Canada  
Main Audience: Researcher  
Invited?: No, Keynote?: No
27. MIREAULT C\*, Baechler S, Côté R, Daoust B, Crispino F. (2016). L'analyse des polymères dans les faux documents d'identité : un potentiel de renseignement criminalistique (Analysis of polymers in false travel and identity documents: a new contribution to forensic intelligence). Midi-Conférence CICC-UQTR (CICC = Centre International de Criminologie Comparée (International Centre for Comparative Criminology)), Trois-Rivieres, Canada  
Main Audience: Researcher  
Invited?: Yes, Keynote?: No
28. MIREAULT C\*, Baechler S, Côté R, Daoust B, Crispino F. (2016). Analysis of polymers in false travel and identity documents: a new contribution to forensic intelligence. Australian and New Zealand Forensic Science Society 23rd International Symposium, Auckland, New Zealand  
Main Audience: Researcher  
Invited?: No, Keynote?: No
29. BRUNEAU J\*, Fuchs M\*, Ladouceur F\*, Daoust B. (2015). Synthèse de prolines quaternaires et de diénamides : étude méthodologique des couplages au cuivre et de la réaction de Heck (Synthesis of quaternary prolines and dienamides: methodological study of Cu-catalyzed coupling and Heck reactions). Colloque 2015 des étudiants-chercheurs de maîtrise en chimie et biochimie de l'UQAM (2015 UQAM Chemistry and Biochemistry Students Symposium), Trois-Rivieres, Canada  
Main Audience: Researcher  
Invited?: No, Keynote?: No

## Broadcast Interviews

2017/11/10 - Révélation d'empreintes digitales à l'aide de différents cyanoacrylates [Fingerprint development using various cyanoacrylates]., "De la suite dans les idées." This video presents our work on fingerprint development. P Casault\* and N Gilbert\* present their results. [http://www.canalsavoir.tv/videos\\_sur\\_demande/DLSDLI4/pas\\_de\\_permalink](http://www.canalsavoir.tv/videos_sur_demande/DLSDLI4/pas_de_permalink), CANAL SAVOIR. This television station is dedicated, since 1984, to science popularization.

## Text Interviews

2020/07/01 Scientific Counselling for the TV show "Génial" (Télé-Québec) (July 2020), I was asked to comment, revise and amend scientific lectures presented in this TV show.

2018/02/02 L'enseignement par les pairs en science au niveau universitaire, c'est possible ! (Peer teaching in science at the university, it's possible!), Interview with Crispino F, Gignac A and Daoust B about an innovative teaching strategy. Published in Spectre, Volume 47, No 2, p. 21-23 (2018).



## Publications

### Journal Articles

1. Casault P\*, Camiré A\*, Morin R\*, Daoust B. (2020). Comparison of various alkyl cyanoacrylates applied to fingerprint development in a commercial fuming chamber. *Journal of Forensic Identification*. 70(3): 365-384.  
Published  
Refereed?: Yes, Open Access?: No
2. Gilbert N\*, Ricard S, Bergeron J, Lambolez P\*, Daoust B. (2020). Synthesis of Exo- and Endocyclic Enamides through Copper-Catalyzed Regioselective Intramolecular *N*-Halovinylolation. *European Journal of Organic Chemistry*. 2020(17): 2517-2529.  
Published  
Refereed?: Yes, Open Access?: No
3. Ricard S, Ladouceur F, Couture G, Daoust B. (2020). Copper-Catalyzed  $\beta$ -Iodovinylolation of Azoles and Pyrrole Derivatives. *Heterocycles*. 100(5): 747-767.  
Published  
Refereed?: Yes, Open Access?: No
4. Gilbert N\*, Casault P\*, Ladouceur F\*, Ricard S\*, Daoust B. (2018). 1,2-Dihaloalkenes in Metal-Catalyzed Reactions. *Synthesis*. 50: 3087-3113.  
Published  
Refereed?: Yes, Open Access?: No
5. Ricard S\*, Gagnon A, Daoust B. (2018). Copper-Catalyzed beta-Iodovinylolation of Carbamates: Expedient Access to Highly Functionalized Vinyl-Carbamates. *ChemistrySelect*. 3: 4923 – 4929.  
Published  
Refereed?: Yes, Open Access?: No
6. Mireault C\*, Baechler S, Cote R, Roy JF, Daoust B (my role was to supervise every polymer-related topics of this research), Crispino F. (2017). What if counterfeit IDs could talk?. *Keesing Journal of Documents & Identity*. 2017(53): 9-13.  
Accepted  
Refereed?: Yes, Open Access?: No
7. Casault P\*, Gilbert N\*, Daoust B. (2017). Comparison of Various Alkyl Cyanoacrylates for Fingerprint Development. *Canadian Society of Forensic Science Journal*. 50(1): 1-22.  
Published  
Refereed?: Yes, Open Access?: Yes
8. Ricard S\*, Sanapo GF\*, Rahem N\*, Daoust B. (2016). Synthesis of gamma,delta-Unsaturated alpha-Aminoaldehydes Using a Copper-Catalyzed Vinylolation Reaction Followed by a Claisen Rearrangement. *Journal of Organic Chemistry*. 81(12): 5066-5073.  
Published  
Refereed?: Yes, Open Access?: No
9. Meddeb-Mouelhi F, Moisan JK\*, Bergeron J\*, Daoust B, Beauregard M (my role was to supervise the isolation, purification and characterization steps of this research). (2016). Structural Characterization of a Novel Antioxidant Pigment Produced by a Photochromogenic Microbacterium oxydans Strain. *Applied Biochemistry and Biotechnology*. 180(7): 1286-1300.  
Published  
Refereed?: Yes, Open Access?: No
10. Crispino, F; Daoust, B; Lajeunesse, A; Milot, E; Baechler, S. (2015). A New Academic Forensic Science Player in Canada. *Canadian Society of Forensic Science Forum Newsletter*. 59: 7-13.  
Published  
Refereed?: No, Open Access?: Yes

## Books

1. Casault P\*, Daoust B, Beaudoin A. (2018). La Criminalistique Accessible : Guide de Survie des Empreintes Digitales (Home Forensic Science and Fingerprint Development Experiments). : 108. Published, Edition Yvon Blais (Thomson Reuters)  
Refereed?: No

## Conference Publications

1. KA S\*, Ricard S\*, Daoust B, Seck M, Desgagné-Penix I. (2018). Étude des alcaloïdes d'Amaryllidacées de la flore sénégalaise (A study of Senegalese Amaryllidaceae alkaloids). Journées du Centre SEVE, Orford, Quebec, Canada  
Conference Date: 2018/11  
Poster  
Accepted  
Refereed?: No, Invited?: No
2. CASAULT P\*, Daoust B. (2018). Copper-catalyzed iodovinylolation of carbazates and hydrazides. 101st Canadian Chemistry Conference and Exhibition, Edmonton, Canada  
Conference Date: 2018/5  
Poster  
Accepted  
Refereed?: Yes, Invited?: No
3. RICARD S\*, Gagnon A, Daoust B. (2017). Synthesis of gamma,delta-Unsaturated alpha-Aminoketones Using a Tandem Copper-Catalyzed Vinylolation Reaction Followed by a Claisen Rearrangement. 100th Canadian Chemistry Conference and Exhibition, Toronto, Canada  
Conference Date: 2017/5  
Poster  
Published  
Refereed?: Yes, Invited?: No
4. CASAULT P\*, Daoust B. (2017). Copper-catalyzed iodovinylolation of hydrazides and carbazates. 100th Canadian Chemistry Conference and Exhibition, Toronto, Canada  
Conference Date: 2017/5  
Poster  
Published  
Refereed?: Yes, Invited?: No
5. LADOUCEUR F\*, Daoust B. (2017). Theoretical study of copper catalyzed coupling reaction between vinyl iodides and carbamates. 100th Canadian Chemistry Conference and Exhibition, Toronto, Canada  
Conference Date: 2017/5  
Poster  
Published  
Refereed?: Yes, Invited?: No
6. GILBERT N\*, Daoust B. (2017). Copper-Catalyzed Intramolecular N-Halovinylolation of Amides and Carbamates. 100th Canadian Chemistry Conference and Exhibition, Toronto, Canada  
Conference Date: 2017/5  
Poster  
Published  
Refereed?: Yes, Invited?: No

7. MIREAULT C\*, Crispino F, Daoust B. (2017). Étude de la distribution et la consommation de drogues au Canada à partir des données collectées sur les cryptomarchés [Studying illicit drug trafficking on Darknet markets: structure and organisation from a Canadian perspective]. 4e forum scientifique des cycles supérieurs en criminologie [4th Graduate Studies Scientific Symposium on Criminology], Montreal, Canada  
Conference Date: 2017/4  
Poster  
Accepted  
Refereed?: No, Invited?: No
8. GILBERT N\*, Daoust B. (2017). Synthèse stéréosélective de lactames insaturées par couplage catalysé au cuivre [Copper-induced stereoselective synthesis of unsaturated lactams]. Concours d'affiches scientifiques UQTR [UQTR Scientific Poster Competition], Trois-Rivières, Canada  
Conference Date: 2017/3  
Poster  
Accepted  
Refereed?: No, Invited?: No
9. CASAULT P\*, Daoust B. (2017). Iodovinylolation d'hydrazides et de carbazates à l'aide de la chimie du cuivre [Copper-induced iodovinylolation of hydrazides and carbazates]. Concours d'affiches scientifiques UQTR [UQTR Scientific Poster Competition], Trois-Rivières, Canada  
Conference Date: 2017/3  
Poster  
Accepted  
Refereed?: No, Invited?: No
10. MIREAULT C\*, Baechler S, Daoust B, Côté R, Crispino F. (2017). Analysis of polymers in false identity documents: A new contribution to forensic intelligence. AAFS (American Academy of Forensic Sciences) 69th Annual Scientific Meeting, New Orleans, United States  
Conference Date: 2017/2  
Poster  
Accepted  
Refereed?: Yes, Invited?: No
11. MIREAULT C\*, Baechler S, Côté R, Daoust B, Crispino F. (2016). Analysis of polymers in false identity documents: A new contribution to forensic intelligence?. 19th Chemistry and Biochemistry Graduate Research Conference, Montreal, Canada  
Conference Date: 2016/11  
Poster  
Accepted  
Refereed?: No, Invited?: No
12. RICARD S\*, Gagnon A, Daoust B. (2016). Synthèse de cétones alpha-aminées-gamma,delta-insaturées par une réaction tandem de vinylation de carbamates catalysée au cuivre suivie d'un réarrangement de Claisen. 19th Chemistry and Biochemistry Graduate Research Conference, Montreal, Canada  
Conference Date: 2016/11  
Poster  
Accepted  
Refereed?: No, Invited?: No
13. RICARD S\*, Daoust B, Gagnon A. (2016). Synthesis of gamma,delta-Unsaturated alpha-Aminoketones Using a Tandem Copper-Catalyzed Vinylation Reaction Followed by a Claisen Rearrangement. 27th Quebec-Ontario Mini-Symposium on Bioorganic and Organic Chemistry (QOMSOB), Waterloo, Canada  
Conference Date: 2016/11  
Poster  
Accepted  
Refereed?: No, Invited?: No

14. MIREAULT C\*, Baechler S, Daoust B, Crispino F. (2016). Polymers analysis in counterfeit identity documents - Towards a new method for forensic intelligence ?. 60th Annual Conference of the Canadian Society of Forensic Science, Montreal, Canada  
Conference Date: 2016/5  
Poster  
Published  
Refereed?: Yes, Invited?: No
15. GAREAU-LEONARD A\*, LAJOIE MJ\*, Crispino F, Daoust B. (2016). Forensic use of spice powders for fingerprint development. 60th Annual Conference of the Canadian Society of Forensic Science, Montreal, Canada  
Conference Date: 2016/5  
Poster  
Published  
Refereed?: No, Invited?: No
16. BEAUCHAMP-DORE A\*, Jacob C\*, Beaudoin A, Daoust B. (2016). Utilisation de différents colorants (R6G et BY40) pour la révélation des empreintes digitales [Use of dyes (R6G or BY40) for the development of fingerprints]. Concours d'affiches scientifiques UQTR [UQTR Scientific Poster Competition], Trois-Rivières, Canada  
Conference Date: 2016/3  
Poster  
Published  
Refereed?: No, Invited?: No
17. CASAULT P\*, Daoust B. (2016). Synthèse de 1,2-dialkoxyéthylènes et de alpha-alkoxyénamides à l'aide de la chimie du cuivre [Synthesis of 1,2-dialkoxyethylenes and alpha-alkoxyenamides using copper-coupling chemistry]. Concours d'affiches scientifiques UQTR [UQTR Scientific Poster Competition], Trois-Rivières, Canada  
Conference Date: 2016/3  
Poster  
Published  
Refereed?: No, Invited?: No
18. GAREAU-LEONARD A\*, Lajoie MJ\*, Crispino F, Daoust B. (2016). Quand les épices peuvent aider à la résolution d'un crime [When spices can help solve crimes]. Concours d'affiches scientifiques UQTR [UQTR Scientific Poster Competition], Trois-Rivières, Canada  
Conference Date: 2016/3  
Poster  
Published  
Refereed?: No, Invited?: No
19. GILBERT N\*, Daoust B. (2016). N-Halogénovinylation intramoléculaire d'amides et de carbamates catalysée par le cuivre [Cu-catalyzed intramolecular N-halovinylolation of amides and carbamates]. Concours d'affiches scientifiques UQTR [UQTR Scientific Poster Competition], Trois-Rivières, Canada  
Conference Date: 2016/3  
Poster  
Published  
Refereed?: No, Invited?: No
20. RICARD S\*, Gagnon A, Daoust B. (2015). Synthesis of gamma,delta-Unsaturated alpha-Aminoketones Using a Tandem Copper-Catalyzed Vinylation Reaction Followed by a Claisen Rearrangement. 26th Quebec-Ontario Mini-Symposium on Bioorganic and Organic Chemistry (QOMSBOC), Montreal, Canada  
Conference Date: 2015/11  
Poster  
Published  
Refereed?: No, Invited?: No

21. RICARD S\*, Gagnon A, Daoust B. (2015). Synthesis of gamma,delta-Unsaturated alpha-Aminoketones Using a Tandem Copper-Catalyzed Vinylation Reaction Followed by a Claisen Rearrangement. 98th Canadian Chemistry Conference and Exhibition, Ottawa, Canada  
Conference Date: 2015/6  
Poster  
Published  
Refereed?: No, Invited?: No
22. RICARD S\*, Gagnon A, Daoust B. (2015). Synthesis of gamma,delta-Unsaturated alpha-Aminoketones Using a Tandem Copper-Catalyzed Vinylation Reaction Followed by a Claisen Rearrangement. 6th Centre in Green Chemistry and Catalysis Annual Meeting, Quebec City, Canada  
Conference Date: 2015/5  
Poster  
Published  
Refereed?: No, Invited?: No
23. CASAULT P\*, Beaudoin A, Daoust B. (2015). Augmenter l'accessibilité aux techniques de révélation des traces digitales [Fingerprint development using household products]. Concours d'affiches scientifiques UQTR [UQTR Scientific Poster Competition], Trois-Rivières, Canada  
Conference Date: 2015/3  
Poster  
Published  
Refereed?: No, Invited?: No
24. MOISAN JK\*, Meddeb-Mouelhi F, Bergeron J\*, Daoust B, Beauregard M. (2015). Caractérisation d'un nouveau pigment produit par une souche photochromogénique *Microbacterium oxydans* [Characterization of a novel antioxidant pigment produced by *Microbacterium oxydans*]. Concours d'affiches scientifiques UQTR [UQTR Scientific Poster Competition], Trois-Rivières, Canada  
Conference Date: 2015/3  
Poster  
Published  
Refereed?: No, Invited?: No