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## Of Special Interest

- Biographies of Nominees for Board positions
- Membership Information regarding Proceedings
- Call for Papers

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## Links to Forms and Information on the Web site

- ♦ Hotel Reservation  
[Form](#) [Direct Link](#)
- ♦ Conference Registration  
[English](#) [French](#)
- Online Registration  
*Available soon*
- ♦ 2015 Call for Papers  
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- ♦ CUPGA Program
- ♦ [Nomination Form](#)
- ♦ [Abstracts](#)

# 2014 CTAA Conference

The 2014 Conference will be held at the Fairmont Winnipeg Hotel in Winnipeg, MB.

The program planned for this year is expected to be as interesting and thought provoking as programs from previous years. The Canadian Technical Asphalt Association exists for these conferences and the Proceedings generated therefrom. The Local Arrangements Committee has been planning the entire program for over two years and looks forward to entertaining a large number of existing members, new members and guests. Please support your Association by attending the 2014 Conference in Winnipeg, MB. Check our website at [www.ctaa.ca](http://www.ctaa.ca) and click on Conference for conference news and updates.

For those receiving this newsletter electronically, please note that the following forms have been posted on the web site (*links in the box, bottom left of page 1*):

- Hotel Registration form
- Conference Registration form
- General Call for Papers for the 2015 Conference in Ottawa, ON
- CUPGA Program

- 2015/16 Nomination Form
- Abstracts

These forms along with a ballot and return envelope have been included with the package to those members receiving the Newsletter by post and for those receiving the Newsletter electronically, the nominee list, ballot and return envelope have also be mailed.

## Conference Fees - REMINDER

The conference registration form provides an outline of the fees for this year's conference. Please note that registration fees will be increased by **\$50** for those registering **after October 17, 2014**. For those registering by post the mail must be postmarked **October 17, 2014 or earlier**.

The Online Conference Registration and direct link to register for the hotel are now available. The online conference registration sends you a receipt as soon as you have finished processing your payment. American Express is now available as a payment option.

**See you in Winnipeg!**

## Election of Officers

In accordance with By-Law No. 1, Section 5.03, a list of candidates proposed for election by the Nominating Committee and the ballot has been mailed to all members. The list of the new Board members and nominees follows:

### President

Alan Carter

### 1st Vice-President

Hugh Donovan

### 2nd Vice-President

#### Nominees

Brandon MacDonald  
Todd Strynadka

### British Columbia

#### Nominees

John Laxdal  
Jason Herring

### Alberta

Roman Stefaniw

### Prairies & Territories

#### Nominees

Rielle Haichert  
Tara Liske

### Ontario

Nabil Kamel

### Québec

#### Nominees

René Dufresne  
Véronique Szabo

### Atlantic Provinces

Ryan Clark

### Past President

Keith MacInnis

### Past Past President

Bob Forfylow

## ***Election of 2nd Vice President 2014 Nominees***

### ***2<sup>ND</sup> Vice President Brandon MacDonald***



#### ***Education:***

1998 – Bachelor of Civil Engineering  
– Memorial University of  
Newfoundland

#### ***Work Experience:***

1998 to 2007 - Newfoundland and  
Labrador Department of Transpor-  
tation and Works: Resident Engi-  
neer

2007 to 2009 - City of Corner Brook,  
Director of Operational Services

2009 to 2013 - Newfoundland and  
Labrador Department of Transpor-  
tation and Works: Director of High-  
way Design and Construction.

2013 to Present - Johnson's Construc-  
tion Ltd., Vice President

#### ***Membership & Related Activities:***

Member, CTAA since 2009  
– Chair-2013 Local Arrangements  
Committee – St. John's

Member, Association of Professional  
Engineers and Geoscientists of NL -  
since 1998

Member, Canadian Society for Civil  
Engineering - since 2009

Member, NL Heavy Civil Association

Past Member, Transportation Associ-  
ation of Canada (TAC) Standing  
Committee on Geometric Design

***What are the candidate's reasons  
for running for a CTAA Board  
position?***

In the end I believe that everyone  
who serves on the CTAA board feels  
privileged to be a part of this excep-  
tional and forward thinking organiza-  
tion.

My feeling is no different, and I see  
an opportunity to continue to contrib-  
ute in a positive and proactive way.  
The forum that the Association pro-  
vides for the exchange of ideas and  
the development of relationships is  
something I have come to appreciate  
and my desire is to continue to help  
foster these activities for the better-  
ment of the industry as a whole.

### ***2<sup>ND</sup> Vice President Todd Strynadka***



#### ***Education:***

1982-1986 - studied at University of  
Alberta

#### ***Work Experience:***

1986-1988 - J.R. Paine & Associates  
Ltd. – Edmonton, Alberta,  
Materials Technician

1988-1996 - J.R. Paine & Associates  
Ltd. – Peace River, Alberta, Branch  
Manager

1996-2004 - ACP Testing, division of  
Terus Construction Ltd., Grande  
Prairie, Alberta, General Manager  
for operations in Northern Alberta  
and British Columbia.

2004-present - Terus Construction  
Ltd., Surrey, British Columbia  
Technical Services Manager for  
operations in British Columbia and  
the Yukon.

#### ***Membership & Related Activities: CTAA***

- 1996- present - member
- 2011-present - Board of Directors  
– British Columbia
- Contractors workshop - 2011-2012
- LAC Committee Vancouver 2012
- Scholarship Committee 2012
- Chair Scholarship Committee  
2013
- Chair Education and Training  
Committee 2014

#### ***British Columbia Roadbuilders and Heavy Construction Assoc.***

- 2000-2012 - member Joint Paving  
Committee MOTI and BCRHCA;
- 2008 - member, BC MOTI 502  
End Product Specification rewrite  
Subcommittee
- 2012-present - Co-Chair Joint  
Paving Committee MOTI and  
BCRHCA;
- 2012-present - BCRHCA Board of  
Director (Paving);

#### ***Canadian Council of Independent Laboratories***

- 2006-present - member British  
Columbia CPAC Committee for  
implementation of lab and techni-  
cian certification;

#### ***Transportation Association of Canada***

- 2006-TAC – Project steering com-  
mittee for Quality Management  
Practices for Canadian Flexible  
Materials and Construction.

#### ***What are the candidate's reasons for running for a CTAA Board position?***

The core of the CTAA is found in  
the organization's mission statement  
"to raise the level of understanding of  
asphalt technology and its applica-  
tions". The CTAA has accomplished  
this through strategic plans which  
promote information exchange, com-  
munication amongst members, indus-  
try-wide participation and through

## ***Election of Directors 2014 Nominees***

education and training tools. Youth engagement is paramount for the continued success of the organization and the CTAA has shown this commitment with the introduction of scholarships to three distinct levels of education, the introduction of a young member's reception and the development of a CTAA text book. I am proud to have been a part of the work of the CTAA Board to reaffirm these priorities during my recent term as BC Director and would be honored to represent the membership in moving the organization's strategic plan forward.

### **Director-British Columbia Jason Herring**



#### ***Education:***

1996 – Certificate of Trades Training  
– Structural Drafting, British  
Columbia Institute of Technology

2006 – Asphalt Mix Design Course  
EPIC Educational Program Innova-  
tions Center

2008 – Project Management  
Bootcamp 1, PSMJ Resources Inc.

#### ***Work Experience:***

2004 - 2011 - Trow Associates Inc. /  
exp Services Inc.

2004 - 2005 – Trow Associates Inc.,  
Field Coordinator

2005 – 2011 – Trow Associates Inc.,  
Project Manager

2011 to present - BA Blacktop Ltd.  
Group of Companies  
Technical Director

#### ***Membership & Related Activities:***

- Member, CTAA since 2007
- Co-Chair of 2012 Local Arrange-  
ments Committee
- CTAA Board of Directors Member  
2010-2012 LAC Rep
- ASTT of BC Registered as Associ-  
ate 2007-2013
- ASTT of BC Registered as Certified  
Technician (CTech) 2013-Present
- Member, BC Road Builders &  
Heavy Construction Association  
Pavement Sub Committee since  
2012
- Member, Eurovia North American  
Technical Committee since 2011

#### ***What are the candidate's reasons for running for a CTAA Board position?***

From 2010 to 2012 I served on the Board as the LAC representative for the 2012 Vancouver Conference and this was a very rewarding experience which I would like to build on by serving as the BC Director. Since 2007 I have gained invaluable experience and knowledge through this diverse association and would very much like to contribute by serving as a Director.

#### **Future Meetings**

2015 - Ottawa, ON  
2016 - Banff, AB

*In addition to a great tech-  
nical program, our confer-  
ences always provide oppor-  
tunities to make new con-  
tacts and visit with long-  
time friends.*

***Join us in Winnipeg in  
2014 or plan to attend  
one of the future  
conferences.***

### **Director-British Columbia John Laxdal**



#### ***Education:***

1982 - BE (Civil), University of  
Saskatchewan

#### ***Work Experience:***

2000 – Present Regional Manager,  
Southwest BC, AMEC  
Environment & Infra-  
structure, Burnaby, BC

1997 - 2000 Regional Manager,  
Southern Alberta and  
Southeast BC, AGRA  
Earth & Environmen-  
tal Limited, Calgary,  
AB

1994 – 1997 Manager, Geotechnical  
Engineering, Jacques  
Whitford and  
Associates Limited,  
Calgary, AB

1987 – 1994 Senior Geotechnical  
Engineer, EBA  
Engineering  
Consultants Ltd.,  
Calgary & Lethbridge,  
AB

1983 – 1987 Geotechnical Engineer/  
Laboratory Manager,  
Ground Engineering  
Ltd., Regina, SK

1980 – 1983 (summers)  
Geotechnical Techni-  
cian, BBT Geotechnical  
Consultants Ltd.,  
Saskatoon, SK

*Cont'd. on page 4*



## BALLOTS

**Ballots and a return envelope** have been mailed to all members and should be received or post-marked, at the CTAA office, no later than **October 15, 2014**.

### Election of Directors 2014 Nominees *(cont'd.)*

*Cont'd from page 3*

#### **Membership & Related Activities:**

- Registered Professional Engineer, British Columbia, Yukon, Alberta and Saskatchewan
- American Concrete Institute
- American Society of Civil Engineering
- Canadian Geotechnical Society
- Canadian Society of Civil Engineering
- Canadian Technical Asphalt Association
- Geo Institute

#### **What are the candidate's reasons for running for a CTAA Board position?**

CTAA is an excellent organization for sharing knowledge and raising the standard for the pavement industry in Canada. I am interested in contributing more to the organization and know that I will learn a lot more from participation at the board level.

#### **Director Prairies & Territories Rielle Haichert**



#### **Education:**

2003 - B.Sc., Civil Engineering,  
University of Saskatchewan

#### **Work Experience:**

2004 to 2005 - Pavement Scientific International, Project Manager  
2005 to 2006 - Layton Bros. Construction, Project Controls  
2006 to Present - PSI Technologies Senior Project Engineer Engineering Laboratory Manager

#### **Membership & Related Activities:**

Member, CTAA since 2009  
- Co-author of 3 technical papers (presenter of 1)  
- Winner of 2012 Earl Key  
- Winner of 2013 CTAA Open Scholarship

Member, CUPGA Management Committee Executive since 2013

Member, Association of Professional Engineers and Geoscientists of Saskatchewan

#### **What are the candidate's reasons for running for a CTAA Board position?**

I wish to run for this CTAA Board position because I believe that my multifaceted research, materials testing, design, road construction, and quality control experience with asphaltic materials aligns well with the direction of CTAA, working to share information to best technologies for implementation in pragmatic ways. During my career and as an active member of CTAA, I have spent much time working in the prairies with sustainable road reconstruction and rehabilitation technologies (i.e. recycling, warm mix, thin surfacing, etc.). I look forward to working on behalf of the prairies and territories with CTAA as our industry continues to evolve.

#### **Director Prairie & Territories Tara Liske**



#### **Education:**

2004 – Master of Science, University of Manitoba

2001 – Bachelor of Civil Engineering, Lakehead University

1999 – Structural Technology Diploma, Red River College

#### **Work Experience:**

2003 to present – Manitoba Infrastructure and Transportation (MIT)

#### **Membership & Related Activities:**

Member, CTAA since 2007

Member, Association of Professional Engineers Geoscientists of the Province of Manitoba (APEGM)

#### **What are the candidate's reasons for running for a CTAA Board position?**

I am seeking the opportunity to become actively involved with CTAA and wish to represent the Prairie Region. CTAA brings together Contractors, Consultants, Suppliers, DOT's and Academia together to share research, problems and solutions and I wish to participate in further enhancing those connections. I have gained technical knowledge and valuable contacts over the years I have attended CTAA and wish to continue to grow with the Association and contribute my perspective and ideas through the Board.

## Election of Directors 2014 Nominees (*cont'd.*)



### **Director-Québec**

***René Dufresne***

#### ***Education:***

Majored in Applied Sciences from CEGEP de Trois-Rivières  
1975 – Baccalaureate, Chemical Engineering from École Polytechnique

#### ***Work Experience:***

2010 to present – Bitumar – Lab Manager and Senior Technical Advisor  
1976 - 2009 – Petro Canada, last position held, Manager, Asphalt Sales and R&D

#### ***Membership & Related Activities***

Member, of CTAA since 2000  
President, CUPGA in 2008  
Member, Ordre des ingénieurs du Québec  
Member, ASTM  
Member, Technical and Training Committees of Bitume - Québec

### **Director-Québec**

***Véronique Szabo***



#### ***Education:***

2002 - Ph.D. in Chemical Engineering, Laval University, Quebec (Qc), Canada  
1997 - Master in Chemical Engineering (D.E.A.), P. et M. Curie Paris VI University/ ENSPM (Petrol and Engine National High School: IFP School), France  
1996 - Bachelor Degree in Chemistry and Organic Chemistry, Rouen University, France

#### ***Work Experience:***

2009 to present: Asphalt R&D Manager, Suncor Energy  
2005-2009 - Asphalt R&D Specialist, Petro-Canada/Suncor Energy  
2001-2005 - R&D Manager, Environmental Catalysis and Technical Support, Nanox Inc.  
1998-2001 - Research assistant, Laval University

#### ***Membership & Related Activities:***

Member, of CTAA since 2005  
Member, of Bitume Québec since 2005, involved in few committees  
Member, of Transportation Research Board since 2005  
Member, of Asphalt Institute since 2005, as Technical Representative since 2009  
Member and Technical Representative of OHMPA since 2009

#### ***What are the candidate's reasons for running for a CTAA Board position?***

For the past 10 years in the field of asphalt and oil in Research and Development, I have used my experience to contribute and collaborate to the improvement of our roads in Quebec and Canada.

Working as Asphalt R&D Manager for the largest energy company in Canada, with both the United States and Canada (Ontario and Quebec), I act as internal technical support for sales and operations. I am involved in several associations (Asphalt Institute, CTAA, Bitume Québec, OHMPA, TRB) concerning asphalt, which has allowed me to meet the technical people of many companies and, consequently to exchange ideas on many asphalt subjects.

## Conference Registration

Conference and hotel registration forms have been posted on the web site. Please follow the links shown on the email advising members of this Newsletter, and process accordingly. These forms are included with the Newsletter for those receiving same by mail. Please note that the conference registration forms and payment are to be directed to the Victoria office of the Canadian Technical Asphalt Association. Once the form has been received and documented the pertinent information will be forwarded to the Local Arrangements Committee.

Registration for the conference can be made by mail, fax or on-line, as can the registration for the hotel. Please remember that The Fairmont Winnipeg Hotel reservation form should be directed to the **HOTEL** and **NOT** the CTAA office.

### CALL FOR PAPERS 2015

You will note that we have included a **“Call for Papers” for the 2015** Conference with the Newsletter mailed out and have provided links in the electronic version. Please seriously consider committing to our program next year.

The timely submission of abstracts is critical to both assembling a quality program and allowing sufficient time for authors to prepare and submit their papers to the Editor by the required date. Your cooperation in meeting the deadline below is certainly appreciated by the Board, the Technical Program Committee and the Editor.

#### IMPORTANT DATES

Abstract Submission  
Notification of Abstract Status  
Full Paper Submitted to Program Committee

**February 13, 2015**  
**March 6, 2015**  
**May 22, 2015**

## 2014 Scholarship Winners

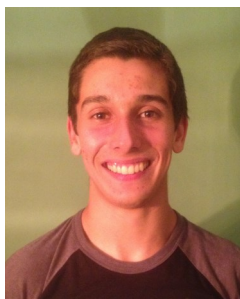
Each winner will receive a scholarship of **\$2,000** to be used towards their continuing education.

Because of the generous donations made over the years CTAA is now able to offer three scholarships.

You can help future students to receive our scholarships by donating when you register for the conference or when you pay your dues.



***Gulfam Jannat***  
***University of Waterloo***  
***Graduate Scholarship***



***Adam Felinczak***  
***University of Waterloo***  
***Undergraduate Scholarship***



***Katelyn Sikal***  
***SAIT***  
***Applied Scholarship***

## Revised TENTATIVE 2014 CTAA TECHNICAL PROGRAM

### Monday, Nov. 17<sup>th</sup>, 2014,

#### Morning Session: 10:00 a.m.

1. **Chemical Analysis of Asphalts Blended with Vacuum Tower Bottoms (VTB) and Their Effect on HMA Mixture Performance**  
*Jason C. Wielinski, Anthony J. Kriech, Gerald A. Huber*
2. **Evaluation Of Oil Modification Effect On Asphalt Binder Thermal Cracking And Aging Properties**  
*Amir Gopalipour, Hussain Bahia*
3. **Interrelationships Between Binder Parameters Considered For Asphalt Specifications**  
*Geoffrey M. Rowe*
4. **The Ageing Susceptibility of Rejuvenated Asphalt Binders: Determining the Effectiveness of Asphalt Rejuvenators and Additives in a Simulated RAP Binder**  
*Christine Gorsuch, Ralph Franklin*

### Monday, Nov. 17<sup>th</sup>, 2014

#### Afternoon Session: 13:30 p.m.

5. **Comparison of Asphalt Cement Acceptance Methodologies for Provincial Highways in Ontario**  
*Alexander (Sandy) Brown*
6. **Asphalt Diffusion**  
*Pavel Kriz*
7. **Development of QC/QA Test for Asphalt Binders**  
*Raj Dongre, Jack Youtcheff, Adrian Andriescu, John Newman*
8. **Caractérisation des performances thermomécaniques d'un enrobé bitumineux avec particules de verre post-consommation**  
*Eric Lachance Tremblay, Michel Vaillancourt*
9. **City of Winnipeg's Experience with Recycled Asphalt Shingles (RAS) in Hot Mix Asphalt (HMA) Overlays**  
*Leonnée Kavanagh, Saman Esfandiarpour, Ahmed Shalaby, Paula Camargo*
10. **Effect of RAP, RAS, and Aging on Workability of Asphalt Mixes**  
*Raj Dongre, Eugeniu Morari*

### Tuesday, Nov. 18<sup>th</sup>, 2014

#### Morning Session: 08:30 a.m.

11. **Structural Evaluation and Full Depth Reclamation Design of Lake Major Road**  
*Christopher L. Barnes, Jeff MacEwen*
12. **Ten Years of Experience with Hot Mix Asphalt Containing Recycled Asphalt Shingles in the City of Edmonton**  
*Hugh Donovan, Nawaz Panhwer, Leonard Dunn*
13. **Pavement Rehabilitation With Cold Recycling Technology On Highway 8 (Queenston Road) In The City Of Hamilton**  
*Gary Moore, Reza Namjouy, Christopher Norris*
14. **Rutting Characterization of Typical Ontario Rubberized-RAP Mixtures**  
*Doubra Ambaiwei, Xiomara Sanchez, Susan Tighe, Seyed Tabib, Andrew Horseman*
15. **Feasibility Study of Performance Grading Particulate Asphalt Rubber Binders**  
*Sallie Houston, Gary Houston, Rielle Haichert, Curtis Berthelot*
16. **A Performance-Related Approach To The Utilization Of Reclaimed Asphalt Shingles (RAS) In Asphalt Mixtures**  
*Art Johnston, Jadon Pickett, Lindsay Johnston, Gary Wilson*

### Tuesday, Nov. 18<sup>th</sup>, 2014

#### [Contractor's Workshop](#)

**13:30 - 17:00.**

#### **Panel Discussion**

#### **Specifications Method vs. ERS and everywhere in-between**

- i. MIT Perspective – MIT environmental Scan - Larry Halayko
- ii. SK Highways Perspective – Transition to ERS - Potential
- iii. City of Winnipeg Perspective – TBA
- iv. Contractor Perspective - TBA
- Materials and Construction**
- v. Basics of Asphalt Refining and Modification (Refiner)
- vi. Advances in Cold in Place recycling – State of the Practice (Contractor)
- vii. Specifying Anti-strips – Products and their application

### Wednesday, Nov. 19<sup>th</sup>, 2014

#### Morning Session: 08:30 a.m.

17. **Properties of Warm Mix Asphalts with Reclaimed Asphalt Pavement**  
*J. González-León, F. Achard, N. H. Pham, C. Sauzeat, H. Di Benedetto*
18. **Development Of High Modulus Asphalt Mixes For Cold Climate**  
*D. Perraton, M. Meunier, M. Proteau, R. Dufresne, A. Carter*
19. **State-of-the-Practice for Crack Treatments for Asphalt Pavements**  
*Dale S. Decker*
20. **Monitorage de la variation de température de l'enrobé bitumineux au cours de la production, du transport et de la mise en œuvre et effet sur la ségrégation granulaire et thermique**  
*Frédéric Noël*

### Wednesday, Nov. 19<sup>th</sup>, 2014

#### Afternoon Session: 13:30 a.m.

21. **Life Cycle Management of Road Assets With Emphasis on Long Life Asphalt Pavements**  
*Ralph Haas*
22. **Reduction In Service Life Of Asphalt Pavements Due To Utility Cuts – A Forensic Investigation In The City Of Calgary**  
*Mohammad Karim, Joe Chyc-Cies, Rabiah Rizvi, Vimy Henderson, Ludomir Uzarowski*
23. **Advanced Pavement Technology Used for Rehabilitation of Runways at Edmonton International Airport**  
*Ludomir Uzarowski, Rabiah Rizvi, Darrin Schuster, Felipe Salgado, Carmine Bello, Kris Bourgeois*
24. **Innovative Multi-Layer Pavement Preservation Techniques**  
*Gary Houston, Sallie Houston*
25. **Importance Of Thermal Contraction Coefficient In Low Temperature Cracking Of Asphalt Concrete**  
*Prabir Kumar Das, Denis Jelagin, Björn Birgisson,*
26. **Project Level Rehabilitation Design Of Asphalt Pavements Using Laser And Lidar Technologies**  
*Dave Palsat, Chuck McMillan, Darel Mesher, Marta Juhasz, Cherie Fuchs*



### **Membership and Proceedings Info**

Members who have not paid their current year dues by July 31st are now delinquent and their names have been placed on the delinquent members' list. Delinquent members are not eligible for the 2014 Conference discount or for receipt of a copy of the current year's Proceedings. Also, delinquent members will not appear in the list that is published in the Proceedings.

However, if the current year's dues are paid before September 30th, delinquent members' names will be reinstated on the membership list for purposes of conference discount, they will be issued a set of Proceedings, and their names will be printed in the membership list appearing in the Conference booklet. Unfortunately, payment after July 31st does not allow for reinstated members to be included in the Proceedings membership list.



*The cover for this year's Proceedings*