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**BRITISH COLUMBIA CHAPTER  
BOARD OF DIRECTORS  
2010 - 2011**

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**ATTENTION HOCKEY FANS!!!**

For the 8<sup>th</sup> year running, we are once again pleased to be hosting  
AFS Hockey Night in Vancouver.



**VS**



Come and watch the defending Memorial Cup Champions, the  
Vancouver Giants take on the Seattle Thunderbirds.

The Details:

**Date: Friday, February 18, 2011**

**Time: Dinner @ 6:30pm, Faceoff @ 7:30pm**

**Place: Pacific Coliseum, 100 N. Renfrew St. Vancouver**

**Cost: \$40.00/child; \$50/adult**

Total cost includes a ticket to the game and a buffet dinner served at  
the Coliseum before the game.

Demand is expected to be high, so please book early to avoid being  
disappointed. All children 12 years of age and under will be receiving  
a special gift so please note all children who will be in attendance.

**Contact Kia Damghani @ Thompson Foundry**

**Ph: (604) 596 9611**

**Email: kia@telus.net**

**Please respond before February 10, 2011**

## JANUARY DINNER RECAP

Jack Matens delivered a top notch talk on Employee Motivation touching on the following topics; types of motivation; understanding personalities; and creating a workplace that is engaging and motivating. During the talk we were all asked to take a mini test. Many of the correct answers surprised more than a few attendees so I thought I would share it along with the answers below.



### What Do Workers Want From Their Jobs?

First rank the following items as you think your employees would rank them.  
(from 1-10 with 1 being the most wanted in the workplace)  
Second compare with the correct answers at the bottom of the email.

- |                                       |       |
|---------------------------------------|-------|
| 1. Good working conditions            | _____ |
| 2. Feeling “in” on things             | _____ |
| 3. Tactful discipline                 | _____ |
| 4. Full appreciation for work done    | _____ |
| 5. Management loyalty to workers      | _____ |
| 6. Good wages                         | _____ |
| 7. Promotion and growth with company  | _____ |
| 8. Understanding of personal problems | _____ |
| 9. Job security                       | _____ |
| 10. Interesting work                  | _____ |

Answers: 1. 9; 2. 2; 3. 10; 4. 1; 5. 8; 6. 5; 7. 7; 8. 3; 9. 4; 10. 6



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## JANUARY DINNER MEETING - DOOR PRIZE WINNER

Each month the BC Chapter is sponsoring a door prize for the attendees at each dinner meeting.



In January Chad Gentes from Penticton Foundry was the lucky recipient of a \$50 gift certificate good to use at The Keg Restaurant.

Thank you for all of your support Chad!

## APPRENTICESHIP WINNERS

Congratulations to the following winners of the Apprenticeship Competition!



**Ferrous Molding:**

1st Place – Patrick O'Sullivan from Highland Foundry. Patrick took home a \$200 cheque for his efforts!

2nd Place - Jarrett Brown from Penticton Foundry. Jarrett took home a \$100 cheque for his efforts!

A special thanks to the Foundries for supporting the apprentices at these events. Also a big thank you to Manfred Hoff who stepped in as our judge and presenter for these awards.

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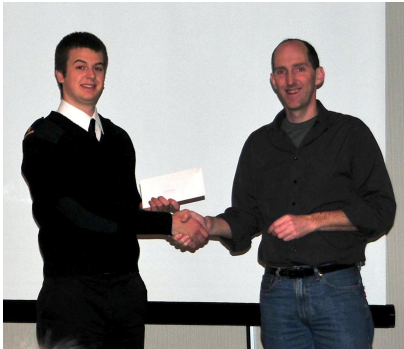
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## STUDENT BURSARY RECIPIENT

Each year the AFS BC Chapter offers to any student whose parent is a full standing member of the AFS, an award of \$500.00. The applicants had to outline their career goals, what they would do with the award and submit their application for the Board's consideration.



This year we are pleased to announce the Board has chosen the son of long-time member Peter Beier from Century Pacific for the bursary. Garrett is in the second year of a Nautical Sciences program. He attends the BCIT marine campus in North Vancouver. This is a co-op program and involves 3 sea phases over four years of studies. Garrett spent his first sea phase working on a cruise ship in Europe. When he graduates, he would like to work on a large ship as a Navigation Officer, and eventually work his way up to Ship captain.

Garrett proved to the Board he is very serious about his studies at BCIT and we wish him all the luck in the future.





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## 10 RULES FOR A GOOD CASTING

### Rule 7. Avoid Convection Damage

Thin or thick section castings automatically avoid convection problems. Thin section castings freeze quickly before convection builds up. In thick section castings, convection helps redistribute hot metal into the risers on the top of the casting, since there is plenty of time before freezing starts.

However, intermediate sections, which represent the great majority of castings, have a freezing time commensurate with the time taken for convection to operate (in a few minutes) and can cause damage. Unsuitable temperature gradients in the casting can undermine the effectiveness of risers, and lead to segregation and apparent shrinkage damage in castings. This is a little-known and little-researched area that most current computer simulations cannot tackle. For such intermediate sections, either:

- Reduce the problem by avoiding convection loops in the geometry of the casting and rigging.
- Eliminate convection by 180-degree roll-over after mold filling.

**Check back next month for Rule 8...**

## CALENDER OF EVENTS for 2010

|  |   |
|--|---|
| Wednesday, Jan. 19<br>- to Friday, Jan. 21 | <b>CMI Course</b><br>Topic: Leadership in the Foundry<br>Location: Sheraton Guilford Hotel                            |
| Thursday, Jan. 20<br>Time: 6:00 PM         | <b>Apprenticeship Night</b><br>Speaker: Jack Matens<br>Location: Sheraton Guilford Hotel                              |
| Friday Feb. 18<br>Time: 5:30 PM            | <b>Hockey Night</b><br>Vancouver Giants vs. Seattle Thunderbirds<br>Location: PNE                                     |
| Thursday, Mar. 31 to<br>- Saturday Apr. 2  | <b>Oregon Chapter Northwest Regional</b><br><a href="http://www.afsnwregional.com/">http://www.afsnwregional.com/</a> |
| Thursday April 28<br>Time: 1:00pm          | WCB Safety Workshop<br>Speaker: TBD<br><br>Location: TBD  |



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Stay tuned for more events.....

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## LETTERS TO THE EDITOR

If you have a comment or would like to pass a message to the membership, please send it to me and I will make sure it makes in to the next newsletter.

Please forward all “Letters to the Editor” to: Purity Casting Alloys Ltd.  
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