



VERMONT CHAPTER  
PO Box 64902  
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[www.csivermont.org](http://www.csivermont.org)



# Green Mountain Specifier

May 2004

## THIS MONTH:

### MAY 20<sup>th</sup> PROGRAM

#### WINDOWS, DOORS & HARDWARE TRADE-FAIR & SEMINARS

#### THREE SEMINARS

- Code 'Jeopardy' with Ingersoll-Rand
- Aesthetics of Wood Doors with Marshfield Doors
- Window Flashings w/Lennel Specialties

#### TIME / LOCATION

12:30-5:00pm Thursday, May 20, 2004  
Sheraton Burlington

#### TABLETOP EXHIBITORS (thus far)

- Accurate Dorwin
- A.W. Hastings / Marvin Windows
- Brosco / Anderson
- Door Controls
- Efficiency Vermont
- ESSEX Industries / Assa Abloy  
Curries, Graham, Hes, McKinney,  
Sargent, Securitron
- Gordon's Window Décor
- Ingersoll-Rand Company -  
Security & Safety Consultants of NE  
Schlage, Von Duprin, LCN,  
Steelcraft, Glynn-Johnson,  
Recognition Systems, Locknetics  
Falcon, Monarch, Dor-O-Matic,  
Ives, Marshfield Doors
- Lennel Specialties
- Marshfield Doors
- Martin-Namco / Kolbe Windows
- Pella Windows
- WilsonArt / Window Stools

#### CREDITS

Up to 3 hours of HSW credits available,  
one for each seminar

#### COSTS

\$25 CSI Members  
\$35 Non-members  
\$10 Students  
\$10 Tradefair only

#### RSVP / QUESTIONS

Program Chair, Jonathan Miller at  
[campsi@earthlink.net](mailto:campsi@earthlink.net)

## May 20<sup>th</sup> Program Windows, Doors, and Hardware Trade-Fair

Come to a mini-trade fair and our last major program before summer begins! This month's topic is focused on building fenestration...doors & windows plus the hardware that keeps it all swinging...or latching...etc... Earn up to 3 hours of AIA/CES Learning Units at the 3 seminars. Come visit our dozen or so exhibitors, and network! See you there and then!

## Vermont in the News Our President is Posted!

Check out the following link to see the photo below in context ...

[http://www.csinet.org/s\\_csi/csishow.asp?TRACKID=&CID=926&DID=8968](http://www.csinet.org/s_csi/csishow.asp?TRACKID=&CID=926&DID=8968)

And if you didn't notice....check out pages 6 and 7 of CSI's *News Digest* May Issue mailed with the *Specifier*!



#### One for each hand...

Vermont Chapter President John Gant, CSI, CCPR, accepted both Chapter Cups during the Annual Meeting at the CSI Show. One cup recognizes the chapter that had the largest percentage growth in the previous year. The other recognizes the largest increase in headcount. This may be the first time that any chapter has won both cups in one year.

## And Congratulations to:

John Gant, **AHC**, CSI, **CCPR**  
Steven Benjamin, CSI, **CCPR**  
Bruce Anderson, CSI, **CCS**, AIA  
Al Brosseau, CSI, **CDT**

on their new certifications!

## WE WANT YOU...

...to make a contribution to the Green Mountain Specifier – ideas, articles, letters, advertising or other relevant material (if you're polite, maybe we'll even take irrelevant material). Contact:

Chris Eling, CSI, CDT, Editor  
[chris@pmarch.com](mailto:chris@pmarch.com)  
Peter Morris Architect  
8 Roundtree Way  
Vergennes VT 05491  
phone: (802) 877-3830  
fax: (802) 877-3972

## CSI University 2004 Sessions in San Antonio

Now is the time to start planning for the 2<sup>nd</sup> CSI University Annual Conference, July 8-10, 2004, in San Antonio, TX!

The CSI University Program empowers participants to be leaders in their professions and CSI by teaching them the skills they need to lead.

The 2<sup>nd</sup> CSI University Annual Conference will add two half-day leadership workshops to the education sessions, technical tours and bring back networking opportunities that participants enjoyed last year.

- Get leadership how-to tips for chapters and other leaders, presented by CSI Executive Director Karl F. Borgstrom, Ph.D.
- Discuss the tasks, tools and responsibilities for region officers in the revamped Region Chairmen Orientation Workshop.
- Develop the skills to build effective teams in chapters, regions and the workplace.
- Earn CEUs, ECHs, LU Hours & HSW credits — up to 15 hours.
- And more

For information and registration, visit  
[www.csinet.org/csiuniversity](http://www.csinet.org/csiuniversity).

## NEXT MONTH:

### JUNE 10<sup>th</sup> EVENT

### VERMONT CHAPTER AWARDS BANQUET

#### LOCATION

Basin Harbor Club  
near Vergennes, VT on Lake Champlain

#### TIME

Thursday, June 10, 2004; 3:45pm-8:30±

#### AGENDA

- Boat trip across and up the lake.
- Walk through the site and see the hidden ravine gardens.
- Cocktails and dinner at the Red Mill with an awards ceremony.

#### SUMMARY

Join us as we celebrate the amazing accomplishments of the past year, at the Basin Harbor Club....come early and get in a round of golf, and attend the chapter's June board meeting at the Red Mill Restaurant (2:00-3:30pm)

#### COSTS

\$40 per person

Cocktail hour and the dinner wine are generously being sponsored by *Trowel Trades Supply*

#### RSVP

No Later than...

**Noon on Monday, June 7<sup>th</sup>**

To Jonathan Miller at 865-4579 or [campsi@earthlink.net](mailto:campsi@earthlink.net)

## The President's Corner

By John A. Gant, CSI, CDT; [john\\_gant@irco.com](mailto:john_gant@irco.com)

### Chicago

I have one last note about the 48<sup>th</sup> Annual CSI Show and Convention in Chicago. It was incredible to receive both Chapter Cups at the convention, showing off to the other 142 chapters; and proving once again that you, the members of the Vermont Chapter are truly the BEST!!

### Mini Trade-Fair

What are you waiting for if you have not yet made plans to attend this week's trade show at the Sheraton?

Where else, and when else could you get so much for so little? **PLAN TO ATTEND NOW!**

Here are a few of the great reasons to attend:

- Free Food
- Test your skill and win valuable prizes by participating the Code Jeopardy Game.
- Mingle with your peers and network.
- Take the Aesthetics of Wood Doors Seminar and learn about wood door veneers and how they can impact design decisions.
- Check out the many new products and services available from our Exhibitors.
- First public display of the '03 CSI Chapter Cups
- A chance to win great Door Prizes.
- 50/50 Raffle to benefit the CSI-Vermont Scholarship Fund
- Attend the JamFlash Seminar and review various methods and materials used to flash window systems.
- Learn the meaning of the word "fenestration".
- Earn up to 3 hours of AIA/CES Learning Units

### Remember – Volunteers Are Always Wanted!

Please contact me at [john\\_gant@irco.com](mailto:john_gant@irco.com) or by phone at 1-802-482-4763 if you have any questions, comments, or complaints (I mean 'improvement opportunities').



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## **LAST MONTH:**

### **APRIL PROGRAM**

#### **FLETCHER ALLEN HEALTH CARE: RENAISSANCE PROJECT, PART II**

##### **HOST**

Matthew Martin, CSI, Assoc. AIA  
Project Manager  
Fletcher Allen Health Care Facilities

##### **TIME/LOCATION**

Friday, April 23<sup>rd</sup>, 2004, 10:30-3:00pm  
Fletcher Allen Health Care, Burlington

##### **SUMMARY**

A full house of 75 attendees packed the Burgess auditorium to first listen to Matt Martin tell us about how the Renaissance Project has come together to the point it is at right now. 48 VTC student members of CSI bussed up from Randolph Center with 3 professors to tour Vermont's largest project since I-89 was built. 27 industry and other construction professionals joined the group as well, 21 of them licensed. FAHC Renaissance Project by the numbers: 30-1/2 miles of ventilation ductwork; 215 miles of conduit; 650 miles of electrical wiring; 169 miles of MC cable; 1,500 doors; 36.5 football fields worth of drywall; 8.3 football fields of perimeter fence; 37,000 dump truck loads of earth removed; 58,000 cubic yards of concrete; 3,600 tons of steel; and 27 miles of plumbing pipes...whew !!!

The tour of the ACC, or Ambulatory Care Center, was very enlightening. The structure was in various stages of construction – from raw structure with post-tensioning cables waiting to be stressed, to sheetrocked, taped and painted spaces waiting on installation of electric wiring and covers. Two mildly disappointing facts were learned...one, the food court will be shelled out...and two...the main vertical orienting clock tower adjacent to the ACC entry has been value engineered into nothing but a vestigial bump against the skyline.

One area we could not tour inside was the near-complete \$25M+/- Central Plant, scheduled to begin operation in May. The only complaint heard was that 3 hours was not enough time to learn and tour this humongous building complex !

Great thanks go to Matt and Fletcher Allen for doing this for a second year !!!

## **State Forum on Escalating Steel Prices**

*By Jonathan M. Miller, CSI, CCS, CCA, SCIP, AIA, NCARB*

From 1:30-3:30 pm on Monday, May 3<sup>rd</sup>, the State Dept. of Buildings & General Services (BGS) chaired a forum primarily to discuss the unprecedented price hikes and changes to business practices occurring in purchasing steel products this year. Pricing escalation in petroleum-based products was also discussed. The problems were identified and possible approaches to dealing with them were debated.

BGS Director, Jim Richardson, his Administrative Assistant, Connie Lilly, and BGS Director of Construction, Bob Rea, hosted and directed the event. Guest speakers were Bruce Jacobs of Don-Vac, Wayne Lamberton of Lamberton Electric and Mike Hulbert of H.P. Cummings. Each speaker gave us an overview from the construction end of things. Many other comments and questions came from the 25 or so participants.

Steel studs have gone up an average of 18% every month or 263% since last December. One example given was a \$22,000 load of steel studs in December cost \$52,000 now. Last year an order of steel studs took 3 to 7 days to be delivered. Today there is a 6 to 8 week lead time. To compound the issue there is a major change in the way business is done. The usual pricing locked in at the time of order is now changed to pricing at the time of shipping, which can be from 6 to 8 weeks out! Suppliers and contractors are gambling on what the price will be when they provide a price quote or a bid bond. Steel studs are not the only thing shooting up in cost. Sheetrock is going up 10% a month, and a sheet of 4' x 8' plywood is expected to reach \$28 when it was close to \$7 a year ago. Electrical conduit has gone from \$0.22 to \$0.67 a lineal foot since last February. Copper, platinum, lighting fixtures, insulation, carpet, floor tile and plastic laminate are also increasing in price. The bad news is that this phenomenon is nationwide, if not worldwide.

There appears to be two main reasons for the spike in prices: China and OPEC. China's current construction boom has that nation importing close to 230 million tons of steel every year now. The world tonnage for recycled steel is currently 210 million. This excess in steel demand is creating shortages in other areas of the world, including America. As we can see by the current relatively high cost of gasoline, petroleum-based products and shipping costs are also higher. Another force at work is that prices for highly finished steel in the western part of the U.S. are greater than the east coast. This creates a market force aiming towards equilibrium.

*Continued on page 7*



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## **May Board Meeting Summary**

This is but a glimpse; the full text of the May 4, 2004 meeting minutes is available from the Chapter Secretary.

- The chapter’s annual meeting will be on June 10 at Basin Harbor, and will include a vote on our bylaws & incorp. Revised bylaws & ballots will be sent out beforehand
- John Gant & Chris Eling returned from the CSI Show with all the Institute awards won by the VT Chapter. Chicago was enjoyed. Also, news from the Institute on the new nonprofit scholarship account available to all chapters.
- Current membership numbers are at 135 chapter members, 129 with Vermont as home chapter. Totals will increase shortly due to VTC student members gained from the Fletcher Allen tour last month.
- At the spring meeting, The North East Region (NER) leadership voted overwhelmingly to discontinue region conferences following the one in Buffalo this fall. However, John & Chris note that at the region caucus at the CSI Show, there was strong support for keeping them. There is a bit of a schism here.
- FY04 is wrapping up, and the FY05 budget is being drawn up. Committee Chairs need to propose a budget; Treasurer Bob Rand requests submittal by May 15.
- Speaking of Committee Chairs, one major change for FY05 is that Jonathan Miller will be stepping down as Membership Chair. We need volunteers! Complete list will be available in the July GMS newsletter.
- Future program ideas: MasterFormat04 Introduction; VT Building Codes Update seminar; a “Green Building” tradefair with courses for LEED certification...
- News item: the state of Vermont is working on an environmental plan in the Dept. of Bldgs. & Gen. Services (headed by Chief of Planning, Dave Burley), and the governor is very enthusiastic and on top of the issue. This is exciting environmental news and progress for state-funded construction.
- **Next Board Meeting:** 2:00-3:30pm, Thursday, **10<sup>th</sup> June 2004** at the *Red Mill Restaurant* at Basin Harbor Club.

**Mr. Peter D. Morris, CSI, CDT**

**Chapter Immediate Past-President**

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## “Eat Or Be Eaten” by R.L.Manders, CSI, CDT

About 220 million years ago, one of the most feared dinosaurs that roamed and ruled the earth was Coelophysis (pronounced SEE-loh-FIE-sis). Although not the largest of the dinosaurs, this animal lived under the constant fear of being eaten by another one of their kind. Back then, as it is today, it really was a hard, cruel world.

Today, in the world of Construction, this same environment still exists. In all too many cases, Specifications are written with Division 1 being “loose” and with no control over Substitutions. Then, in Part II of the Specification Section, a “shopping list” pre-approves many different manufacturers and products.

This then, turns what could be a very orderly Construction Project into a “FREE-FOR-ALL” among the bidders, and it becomes who can scrounge around the best and find the very cheapest product to use on this job. This pattern of business behavior is very similar to 220 million years ago when the Coelophysis ruled the environment.

This business “non-sense” could be easily avoided if better Specifications were written. The Design Professional should be the “rule maker”, and the Contractors that are bidding a Project would bid competitively on a Specification. After all, *competitive bidding* is defined as “who will perform the work exactly

as specified for the least amount of money”. Today, many people interpret this to mean who can scrounge around and find the very cheapest product and get the approval of the Design Professional. Most often the presentation for approval of this cheapest product is the singing of the song, “it will save the Owner money”.

In the “good old days” of Architecture, a discriminating Owner selected the Design Professional whom they knew would protect his purse strings. This was accomplished by the Design Professional selecting the very best product for every given situation, and then that decision was totally enforced. Back in those days, jobsite visits were much more frequent than they are today. Today, this is attempted to be justified by the reasoning that “they just cannot afford to visit the jobsite more often”.

In the business of marketing, it has always been the order of the day that a product or service is priced at what it is actually worth. How do we know that a higher design fee would not more than offset the lack of control over the project and cover the cost of “allowances” and “change orders” and “substitutions” of lesser product quality or “inferior workmanship”?

Since the beginning of time, people have always wanted the best that they can afford. Given the choice, many Owners today would gladly pay a higher fee if those tangible benefits and actual monetary savings were offered!

--R.L. Manders



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## Trashing Fluorescent Bulbs

### *New Labels Inform About Safe Disposal*

*from the Vermont Department of Environmental Conservation*

Vermonters will soon be seeing the symbol Hg on fluorescent bulbs, including compact fluorescents and HID (High Intensity Discharge) bulbs, indicating that they contain mercury. While compact fluorescents are up to 75% more energy efficient than incandescent bulbs, and last up to 10 times longer, throwing them in the trash can be harmful to the environment and human health. This is because mercury-containing products in the trash usually end up in a landfill or incinerator where mercury is emitted into the air or can leach into the soil and groundwater. Once in the environment, mercury makes its way into the tissues of fish. People can be exposed to mercury through eating mercury-contaminated fish. All of Vermont's waterways fall under a statewide fish consumption advisory warning Vermonters to limit their consumption of certain species of fish. Women of childbearing age, pregnant women, and young children are at the greatest risk from mercury exposure.

Using energy efficient fluorescents can help reduce mercury emissions from power plants, which are another major source of environmental mercury. However, it is critical that all fluorescents be disposed of properly and safely. Vermonters can help protect human health and the environment by safely storing (without breakage), and disposing of spent fluorescents. For a list of disposal options, including solid waste districts and private lamp recyclers, visit [www.mercvt.org](http://www.mercvt.org) or call 1-800-974-9559.

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## Call For Volunteers

### *Vermont CSI Leadership*

We have arrived at the doorstep of the fiscal year '05, which among other things means that some of our chapter officers and committee chairs are up for grabs for the year ahead. Some important positions are being vacated, and we need help from our membership to continue to be successful – get a more rewarding experience from CSI and help out! A couple hours a month is all it takes for most positions.

All those interested are welcome at our next board meeting, scheduled for the afternoon of June 10<sup>th</sup> (preceding our annual Chapter Awards Banquet) at the Basin Harbor Club.

We also are looking for donations to sponsor our Awards Banquet, Student Scholarship Memberships and more... give us a call or send us an e-mail...thanks !



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## Escalating Steel Prices by Jonathan Miller...cont'd from p.3

Higher prices will consume a greater proportion of the inventory, creating eastern shortages and spiking prices due to a greater demand on limited resources. Middle market controllers add on by increasing pricing to reduce demand, thinking that the smart consumer will wait until prices drop. What is also happening is consumers are buying up larger lots, storing or hoarding and then speculating. So...some of the excessive price increases are artificially created on top of market forces.

How we can manage to reduce the risk associated with volatile pricing is, we believe, through a multiple approach. BGS and the Legislature need to allocate adequate funds to projects and reduce unnecessary and now costly value engineering; by the time a VE process is complete the savings are mostly or completely lost to delays in price hikes in materials not ordered earlier. BGS is also looking into reducing the time it takes to process the construction contract. A/E consultants will be asked to modify their services to more commonly have complete and correct construction documents. This means three completely described, equal and commonly acceptable manufacturers for each product used. This also means fewer substitutions. A complete submittal list is to be developed by the architect and bound into the bidding documents. Submittals are to be reviewed by the construction team within the first week after the Contractor receives his Notice to Proceed or Letter of Intent. An order for materials can then be made on 60% to 80% of materials needed up front. This means accommodating larger on-site storage areas for early buyout of materials. Years ago Mechanical Engineers designed the sprinkler systems, which were reviewed by Labor & Industry prior to bidding. Today sprinkler contractor specialists need to stamp the design, which usually happened about 60 days after the bid. With steel pricing for pipe escalating BGS is considering working with Labor & Industry to switch back to having Mechanical Engineers design sprinkler systems.

Last but not least is the trust and honesty needed by the construction team to work together as partners so that we can all survive this current crisis. ■ a m s ■



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## Change Coming at the Institute Two Region Committee Chairs to become Members of Institute Committees

By NE Region Secretary, Jonathan M. Miller

President-Elect, Gary A. Betts, FCSI, CCS, AIA, introduced an idea in March to change how some FY'05 institute committee members are selected by declaring that all region chairmen for the *Academic Affairs* and *Membership Committees* will now make up the membership of their corresponding institute committees. This means current Northeast Region *Academic Liaison Chair* Dick Eustis from the Maine Chapter and *Region Membership Chair* T.J. Gottwalt from the Hartford Chapter will be on institute committees starting on July 1<sup>st</sup>...if they choose accept the honor.

Other region members on institute committees include: FY'02 Institute President and current Housatonic Chapter President, Ross Spiegel, as the Chair of the Jury of Fellows; and Institute Director George Rosamond as a member of the Nominating Committee.



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hardware!"

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The Green Mountain Specifier is published as the official newsletter of the Vermont Chapter of the Construction Specifications Institute. Neither the Editor nor the Chapter assumes responsibility for any alleged errors, and opinions stated are not necessarily those of the Editor, the Chapter's members or leadership, or the Institute.

Contributions to the newsletter are welcome, and should be submitted to the editor by the 24<sup>th</sup> of the month in order to be eligible for the next issue. Contributions may need to be edited for, among other things, clarity, file size, and length. Submitted pieces also may not be able to be accepted due to space constraints. -Editor

## 2003-2004 Vermont Chapter CSI Events

- August 14, 2003** “The LEED Process & Specifications”  
 Ross Spiegel, RA, FCSI, CCS, CCCA  
*CSI Liaison to U.S. Green Building Council*  
*Former CSI Institute President*
- Sep. 24, 2003** “The Buzz About Electronic Hardware”  
 by Shelley Hudson, CSI, CCPR of *Ingersoll-Rand*  
 12-2pm at VT Technical College, Randolph VT
- October 9, 2003** “The Power of One: Facilitating Green Building”  
 by Paul Murray of *Herman Miller* (Lynn Ovitt, CSI)  
 11:00am-2:00pm at the Clarion Hotel
- Nov. 5, 2003** “Brick & Stone Paving”  
 Gene Pawlikowski, CSI of *Trowel Trades Supply*  
 11:00am-2:00pm at the Sheraton, S. Burlington
- Dec. 4, 2003** “P.Lam & Solid Surface Fabrication Shop Tour”  
 Top Shop & Steve Benjamin, CSI of *WilsonArt*
- January 15, 2004** “The Bidding Process”  
 By Sandy Fead of *Paul Frank & Collins* + Panel  
 11:00am-2:00pm at the Sheraton Burlington
- Feb. 11-12, 2004** “Better Buildings by Design 2004”  
 by *Efficiency Vermont*, at the Burlington Sheraton  
 Seminars, Forums, and Exhibits
- March 1, 2004** “The Product Rep-Contractor-Architect Relationship”  
 Good Service-Expectations-Killer Issues, at VTC  
 Al Brosseau, CSI of *Albro Export & Marketing*
- April 23, 2004** “FAHC Renaissance Project Site Tour – Part II”  
 Host - Matthew Martin, CSI, Assoc. AIA  
 Sr. Project Manager, *Fletcher Allen Health Care*
- May 20, 2004** “Windows, Doors & Hardware”  
 Mini trade-fair, with three seminar sessions  
 12:30-5:00pm at the Burlington Sheraton
- June 10, 2004** FY 2004 Chapter Awards Banquet  
 3:30 to 8:30pm at Basin Harbor Club
- July 2004** To Be Confirmed

### **VT Chapter Stats as of May 12<sup>th</sup>:**

	May '04
New Members, 2003... <b>best in CSI !!!</b>	<b>84 &amp; 121%</b>
New Members, 2004	52
New Members to date for FY2004	70
Sponsored New Members in FY 2004... <b>5<sup>th</sup> in CSI</b>	14
Retention rate year to date	67.5%
Total VT Chapter Members	<b>164</b>

## **New Members Welcome !**

**May 12, 2004** **52** new 2004 Members!

Mr. Ryan Adler, CSI-S; VTC  
 Ms. Heidi Ainsworth, CSI-S; VTC  
 Mr. Mike Becker, CSI-S; VTC  
 Mr. Steve Belleville, CSI-S; VTC  
 Mr. Brian Blair, CSI-S; VTC  
 Mr. Jeremy Broe, CSI-S; VTC  
 Mr. Chris Carey, CSI-S; VTC  
 Mr. Rob Cuccio, CSI-S; VTC  
 Mr. John Cushing, CSI-S; VTC  
 Mr. Shawn Forbes, CSI-S; VTC  
 Mr. Brad Frey, CSI-S; VTC  
 Ms. Megan Gontarz, CSI-S; VTC  
 Mr. Travis Hale, CSI-S; VTC  
 Mr. Caleb Hamel, CSI-S; VTC  
 Mr. William Hansen, CSI-S; VTC  
 Mr. Dave Holbrook, CSI-S; VTC  
 Mr. Matt Hunt, CSI-S; VTC  
 Ms. Tiffanie Husk, CSI-S; VTC  
 Mr. Joe King, CSI-S; VTC  
 Mr. Lance Lowell, CSI-S; VTC  
 Ms. Jamie Montague, CSI-S; VTC  
 Mr. Arex Nguyen, CSI-S; VTC  
 Mr. Eric Overton, CSI-S; VTC  
 Mr. Chris Pike, CSI-S; VTC  
 Mr. Michael Quirion, CSI-S; VTC  
 Mr. Jesse Richards, CSI-S; VTC  
 Mr. Jason Swain, CSI-S; VTC  
 Mr. Chris Taft, CSI-S; VTC  
 Mr. Brandon Walbridge, CSI-S; VTC  
 Mr. Justin Wright, CSI-S; VTC

### **April 2004**

Mr. William Lawliss, AHC, CSI, CCPR  
*Essex Industries*

### **March 2004**

Mr. Todd M. Potasky, CSI, *New England Surfaces*  
 Mr. Clark P. Agnew, CSI-S; VTC  
 Mr. Seth Allen, CSI-S; VTC  
 Mr. Jason Andrews, CSI-S; VTC  
 Mr. Peter Belitsos, CSI-S; VTC  
 Mr. Ken Bushey, CSI-S; VTC  
 Mr. Ricky Devine, CSI-S; VTC  
 Mr. Tucker Fossiano, CSI-S; VTC  
 Mr. Robert Hepburn, CSI-S; VTC  
 Mr. Matthew A. Jessard, CSI-S; VTC  
 Ms. Sherilyn Lafley, CSI-S; VTC  
 Mr. John LaMothe, CSI-S; VTC  
 Mr. Ryan McCarthy, CSI-S; VTC  
 Mr. Kyle Moulton, CSI-S; VTC  
 Mr. Liam Quinlan, CSI-S; VTC  
 Mr. Thomas Swick, CSI-S; VTC  
 Mr. Craig Taylor, CSI-S; VTC  
 Mr. Tim Urie, CSI-S; VTC  
 Mr. Marshall Wheel, CSI-S; VTC  
 Mr. Jason Young, CSI-S; VTC

### **February 2004**

Peter Gibbs, PE, CSI, *Engineering Ventures Inc.*

**2003 VT Best in CSI out of 143 chapters !**