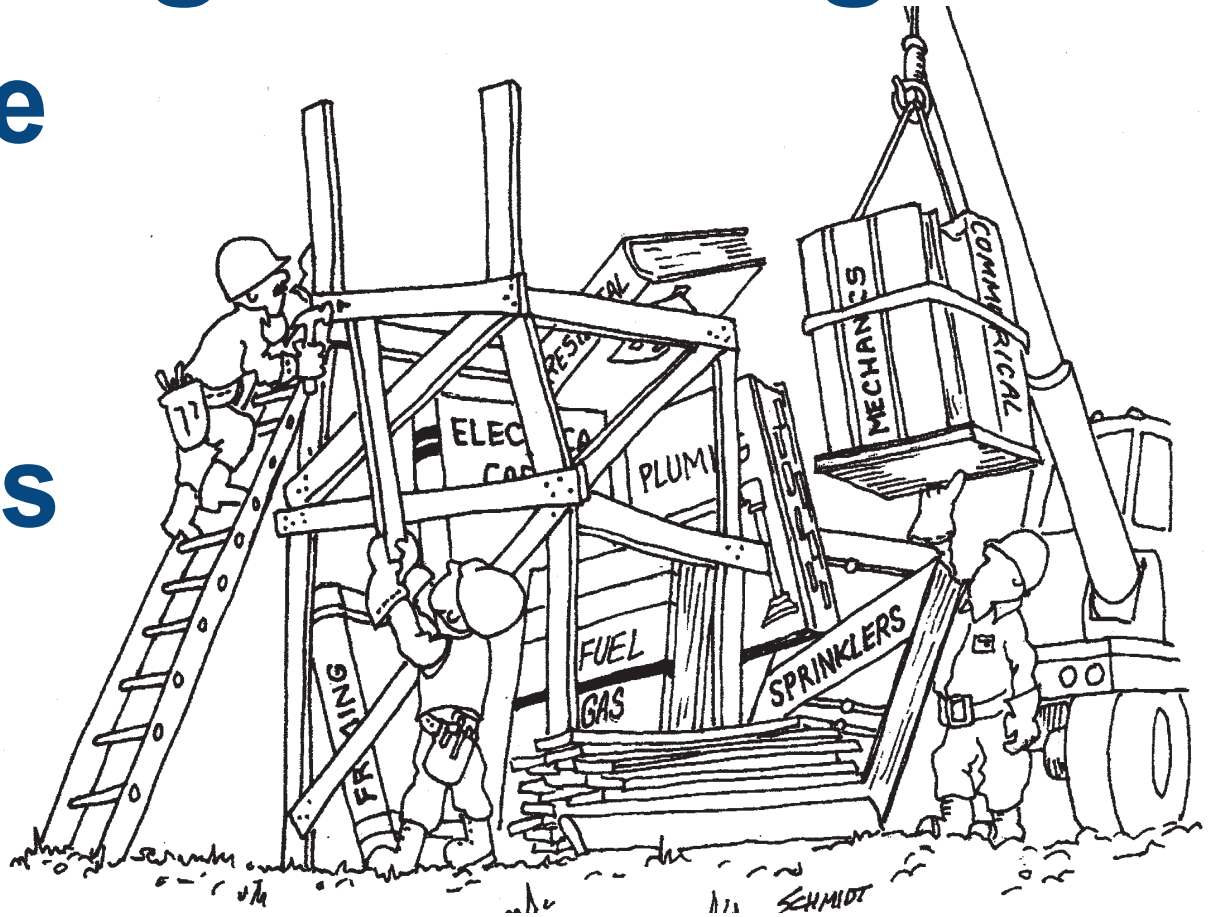


# Bracing for Change In The New Codes



## 37th Annual Conference Pennsylvania Building Officials Conference Holiday Inn Grantville, PA October 12-14, 2011

*Every training session addresses...*

- the needs of the practicing code official
- anticipated code changes appropriate to the topic
- participant-initiated discussion and free ranging Q&A

**Every session yields CEUs recognized by L&I and ICC.**



# Program Snapshot

## Tuesday, October 11, 2011

11:30 am Golf Tournament (Extra Cost)

## Wednesday, October 12, 2011

8:00 am Registration Opens (Coffee)

9:00 am Board of Directors Meeting

10:00 am Annual Meeting  
Exhibitor Spot Light

Noon - 1:00 pm Lunch†

1:00 pm - 5:00 pm Seminars (Select One)

- Fire Doors, Hardware and Exit Illumination
- Commercial Kitchen Venting & Fire Suppression Systems
- The PA UCC Revisited
- Understanding Intumescent Paint and Fire Retardant Coatings

5:30 pm - 6:30 pm Cash Bar

6:30 pm - 8:30 pm Dinner†  
Trends in the Door & Hardware Industry Affecting Building Inspectors

## Thursday, October 13, 2011

8:00 - Noon

- Fire Stopping
- The Role of Building Code Official in Disaster Response & Recovery

8:00 - Noon and  
1:00 pm - 5:00 pm

- Energy Code Considerations
- Residential Plan Review Processes for Five Disciplines

Noon - 1:00 pm Lunch†

1:00 pm - 5:00 pm

- Roofing Systems
- Accessibility Issues

6:00 pm - 7:00 pm Cash Bar

7:00 pm - 9:00 pm President's Dinner†  
Bill Dupler, Vice President, ICC Awards, Presentations and Prizes

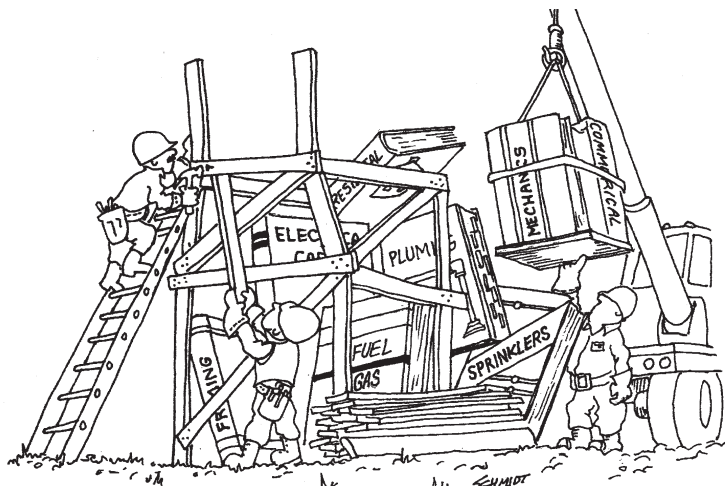
## Friday, October 14, 2011

8:00 am - Noon

- Fire Alarm Systems
- Solar Energy
- Wood Construction Materials
- Construction Site Tour

†See registration form for food package details.

## "Bracing for Change



## In The New Codes"

*Designed by code officials for code officials and building professionals,* this training lets participants *customize* skill development. You select from a wide range of sessions that *let you focus your training on your needs as you advance your training goals.*

Shape the association's activities and guide its efforts for members and the public they encounter and serve by *participating* in the annual meeting. The doors are open to all; Active members are afforded the opportunity to participate.

The Exhibitor Spotlight brings the exhibitors' messages to all participants immediately following the Annual Meeting.



All conference activities will be presented or originate at the Holiday Inn, Grantville, PA. I-81, Exit 80.

## Session Matrix

Use this matrix to select conference sessions. Numbers in each block correspond to numbers on registration form.  
*Do not select overlapping sessions. Select only one session for each day.*

Wednesday October 12	Thursday October 13	Friday October 14
Fire Doors, Hardware and Exit Illumination 1101	Energy Code Considerations 1105	Fire Alarm Systems 1111
Commercial Kitchen Venting & Fire Suppression Systems 1102	Residential Plan Review Processes for Five Disciplines 1106	Solar Energy 1112
The PA UCC Revisited 1103	Fire Stopping 1107	Wood Construction Materials 1113
Understanding Intumescent Coatings 1104	The Role of Building Code Official in Disaster Response and Recovery 1108	Construction Site Tour 1114
	Roofing Systems 1109	
	Accessibility Issues 1110	

**Wednesday, October 12      1:00 pm - 5:00 pm**

**Fire Doors, Hardware and Exit Illumination (1101)**

**John Simon**

These components provide the means of escape from fire or other hazardous conditions through the barriers created to contain the danger. They are critical components which at one moment contain danger, then enable escape, then return to a containment role.

**Commercial Kitchen Venting & Fire Suppression Systems (1102)**

**Michael Laderoute**

In regard to hoods and vents and the interrelated fire suppression systems in commercial uses, participants will learn what to inspect, how to inspect it, and how to determine successful and proper installation. The role of the code official regarding the suitability, installation and testing of used equipment and components will be explored. Discussion of the need for periodic maintenance and inspection and the code officials' role will round out this session.

**The PA UCC Revisited (1103)**

**Panelists from the Department of Labor and Industry**

The role of the Department of Labor and Industry in the administration and implementation of the UCC will be the focus of this session. "What's in and what's out" will delineate today's UCC. L&I-issued "Updates," their legal standing (are they suggestions or requirements?), the code officials' obligation to implement them, and an Update-by-Update review of the documents issued since January 1, 2010 will be covered.

**Understanding the Use of Intumescent Paint  
and Fire Retardant Coatings (1104)**

**Bill Kish**

This session presents the underlying concepts of intumescent coatings that provide fire resistance to combustible materials. Fire resistance requirements within the IBC 2009 and IRC 2009, including 2012 revisions, will be explored. Discussions will also focus on inspection techniques to ensure proper application. Case studies addressing both commercial and residential applications will round out the classroom presentation. To conclude the session, a live burn demonstration will take place.

**Trends in the Door and Hardware Industry  
Affecting Building Inspectors (1115)**

**John Simon**

**John Simon** brings insights from his involvement with all "sides" of a construction project to this after-dinner presentation.

**Thursday, October 13      8:00 am - 5:00 pm**

**Energy Code Considerations (1105)**

(A two-part session; participants must attend *both* parts to receive CEUs.)

**Bob Schutz**

In this day-long event, the first topic of discussion is "Which code applies, the 'PA Alternate' or the IEC?" Learn the differences and opportunities inherent in each. Energy issues are found in both residential and commercial projects, and both will be discussed relative to three basic component groups:

- Building (framing, fenestration, and envelope)
- Plumbing (pipes and similar conveyance systems)
- Mechanical (HVAC and ducts)

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**Bracing for Change in the New Codes**

**Thursday, October 13 8:00 am - 5:00 pm**

**Residential Plan Review Processes for Five Disciplines (1106)**

(a two-part session; participants must attend *both* parts to receive CEUs.)

**Daren Quigley**

This day-long event explores topics associated with a diverse range of review actions affecting framing, electrical, plumbing, energy and mechanical disciplines. Discussion topics for each discipline include:

- Components of a complete application package
- Communicating plan faults and the plan rejection/permit denial process
- Statutory time-line for review and action
- The “supremacy” of the UCC
- Prerequisite credentials and areas of authority

**Thursday, October 13 8:00 am - NOON**

**Fire Stopping (1107)**

(A morning-only session; select an afternoon session to maximize CEU opportunities.)

**David Lantanison**

This session explores how the structure itself can limit the ability of a fire to spread to uninvolved portions of the building.

**The Role of Building Code Official in  
Disaster Response and Recovery (1108)**

(A morning-only session; select an afternoon session to maximize CEU opportunities.)

**Tom Barnowski**

Before the dust settles or the water recedes, the code official must know what to do and how to do it to prevent second-stage dangers and preserve damaged elements of the built environment.

This interactive session starts by exploring the code official's role in the municipal emergency management plan and moves on to explore the emergency response plan for the code official. Participants will learn how the National Incident Management System is a template for integrating the code official's role into emergency response and recovery. The purpose and use of a hazard mitigation plan will also be explored. The code official's role in post-disaster evaluations and inspections that help address the reuse • repair • replace question and the concept of mutual aid for the code office will round out this session.

**Thursday, October 13 1:00 pm - 5:00 pm**

**Roofing Systems (1109)**

(An afternoon-only session; select a morning session to maximize CEU opportunities.)

**Jim Kingsborough**

This session addresses the code requirements for materials, application processes and field-verification (inspection) for a variety of roof systems primarily found in commercial applications. The characteristics of EPDM, TPO and PVC single ply roof membranes and edge metal, including fascia and coping technology which are now in the IBC, will be covered in detail. Lab qualification testing requirements will be presented. Contractor substitution of non-compliant materials, how

**Thursday, October 13 1:00 pm - 5:00 pm**

**Accessibility Issues (1110)**

(An afternoon-only session; select a morning session to maximize CEU opportunities.)

**Jennifer Perry**

This always-in-demand topic will forecast the changes code officials will soon encounter. The session will focus on the hot spots and micro-code provisions expected to receive aggressive surveillance during compliance audits. Topics include sign locations and placement, clearance issues relating to floors, walls, doors and more, and post-inspection, owner-initiated, non-permit regulated changes.

**Friday, October 14 8:00 am - Noon**

**Fire Alarm Systems (1111)**

**Steve Tierney & John Davis**

While detecting fire or other hazardous conditions, alerting occupants of the danger and perhaps summoning emergency responders, these systems must work flawlessly - either as passive observers or active participants. "Is an alarm system needed?" is the starting point for a discussion that addresses both new construction and remodeling, repair, restoration and expansion of existing buildings. Participants will be able to "connect the dots" across the various code provisions and will leave with an understanding of use groups, their applicability and the requirements specific to each group. Testing requirements will also be discussed. "Clean Agents," what they are and why they are used will also be examined.

**Solar Energy (1112)**

**Tim Palaski**

Positioning, placement and attachment of exterior collection components kicks off this discussion of all things solar. Converting the collected energy to usable electricity and considerations for grid connections follows. What to and how to conduct inspections of component installations will cover most common systems and components. The need and measures to protect occupants and first responders during fire conditions and grid blackouts will be addressed.

**Wood Construction Materials (1113)**

This session examines manufactured, fabricated, and engineered wood-sourced products (EWP) and traditional dimensional lumber. Wood, the most universal construction material, is no longer just boards, lumber and plywood. This session starts with the basic concept of how EWP are employed in contemporary construction. Discussion will explore what not to do with or to EWP – boring, cutting and notching, for example. Proper fastener selection and application, bracing and blocking, use of span charts and a discussion of dimensional lumber equivalents will round out component discussions. UCC compliance issues will be examined.

**Construction Site Tour (1114)**

This popular session features a tour of an under-construction building where various systems are being installed. Past tours have been to a green building, a bowling alley, a manufactured housing fabrication plant and an office building, There is always something under construction in the greater Hershey area, and this year's tour will present a great learning opportunity. Participants MUST wear site-appropriate clothes and sign a release.

**Continuing Ed Credits**

PENNBC training is recognized by both the PA Department of Labor and Industry and the International Code Council. Attendees' signatures must be on the sign-in sheet as proof of participation. Documentation is issued based on session sign-in sheets. It is *your responsibility* to be certain that *your signature* is on the appropriate sign-in sheet. Following the conference, CEU documentation will be mailed to attendees. Events in this brochure are noted in clock hours. CEUs are equal to 1/10 of a clock hour.

# Pennsylvania Building Officials Conference

#269, 4902 Carlisle Pike, Mechanicsburg, PA 17050

717-730-6036 717-730-9300 (FAX)

## Credit Card Payment Authorization Instructions

- Enter the appropriate amounts for the desired transactions/purchases.
- Do any necessary addition and enter the total due/**Balance** where indicated.
- Complete the Credit Card Payment information box at the bottom of this sheet.
- Mail or fax the completed forms to PENNBOC.

For training, conferences, new or renewal memberships, or other purposes, additional sheets may be necessary to provide detailed information regarding those transactions.

### Training

Title & Location: \_\_\_\_\_ \$ \_\_\_\_\_

Title & Location: \_\_\_\_\_ \$ \_\_\_\_\_

### Membership

New member dues ----- \$ \_\_\_\_\_

Membership renewal ----- \$ \_\_\_\_\_

Conference and all conference related events ----- \$ \_\_\_\_\_

Total Due/ **BALANCE** (Amount will be billed to credit card below) ----- \$ \_\_\_\_\_

### Cancellation/Refund/Return Policies:

Written cancellation must be received 5 working days prior to event's date or first day of multi-day event. Training or Conference registration fee will be returned minus a \$25 processing fee. With less than 5 days' notice, the portion of the payment related to food and all unrecoverable expenses is also forfeited; any balance may be applied to future training. No refund of any balance will be made. Exhibit space if resold: \$25 processing fee plus all unrecoverable expenses are forfeited; balance may be applied to future conference or may be refunded.

**Membership:** There are no refunds for dues.

**Merchandise & Literature:** Merchandise and literature are nonrefundable; defective merchandise will be replaced at PENNBOC's expense.

#### CREDIT CARD PAYMENT

I / we allow the above named organization to charge the Balance indicated above to this credit card: NAME & ADDRESS MUST MATCH CARD INFO.

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Authorized Signature \_\_\_\_\_

Circle Card Type    **MASTERCARD**    **VISA**    **DISCOVER**

Card No: \_\_\_\_\_

Expiration Date: \_\_\_\_\_ MM/YY

CVV #\_ \_ \_ (last three digits in the signature line on the back of your card)

Check here to receive a faxed copy of this credit card transaction sent to:  
(\_\_\_\_)\_\_\_\_\_-\_\_\_\_ [enter your fax #].

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Date rec'd \_\_\_\_/\_\_\_\_/\_\_\_\_

Date charged \_\_\_\_/\_\_\_\_/\_\_\_\_

Authorization \_\_\_\_\_

Processed by \_\_\_\_\_

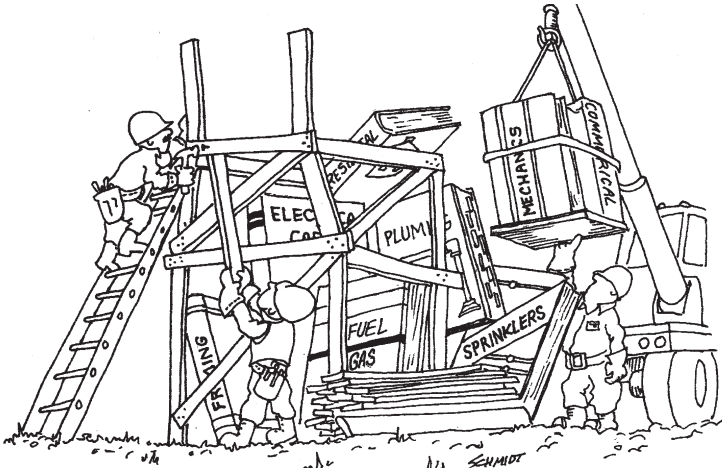
# Bracing for Change in the New Codes

*Training designed by code officials  
for code officials and  
building professionals.*



PENNBOC  
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Mechanicsburg, PA 17050  
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PENNBOC.org

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*Get the Training you need at the  
PENNBOC Conference*

## Topics for Every Discipline

- Fire Doors, Hardware & Exit Illumination
- Commercial Kitchen Systems
- PA UCC Revisited
- Intumescent Paint and Coatings
- Energy Code Considerations
- Residential Plan Review Processes for Five Disciplines
- Fire Stopping
- Code Official's Role in Disaster Response and Recovery
- Roofing Systems
- Accessibility Issues
- Fire Alarm Systems
- Solar Energy
- Wood Construction Materials

*Customize your skill development  
experience. Most topics are not  
available elsewhere.*

# Conference Registration Form (mail with payment to PENNBOC)

Name \_\_\_\_\_ Title \_\_\_\_\_

Employer \_\_\_\_\_ Your ICC member # \_\_\_\_\_

Mailing Address \_\_\_\_\_

City/St/Zip \_\_\_\_\_

Work Phone \_\_\_\_\_ Fax Number \_\_\_\_\_ Email Address \_\_\_\_\_

Arrival Date \_\_\_\_\_ Companion Name \_\_\_\_\_

Are you currently a member of PENNBOC? Yes  No  If no, **why not join now and save** on conference registration fees? Go to PENNBOC.org, download the membership application and enclose the completed form. Add the dues amount below and remit the total payment with either credit card or check.

I was "sponsored" by (print name) \_\_\_\_\_

## Seminar Registration

Please indicate your first, second and third choice for each day of seminars. Every effort will be made to get you in your seminar of first choice, however, if a seminar fills up, you may be given your second or third choice. Seminar assignments will be made in the order in which registrations are received.

### Wednesday, October 12, 2011

- \_\_\_ Fire Doors, Hardware, Illumination (1101)
- \_\_\_ Commercial Kitchen Systems (1102)
- \_\_\_ PA UCC Revisited (1103)
- \_\_\_ Intumescent Paint & Coatings (1104)

### Thursday, October 13, 2011

- \_\_\_ Energy Code Considerations (1105)
- \_\_\_ Residential Plan Review (1106)
- \_\_\_ Fire Stopping (1107)
- \_\_\_ Disaster Planning & Recovery (1108)
- \_\_\_ Roofing Systems (1109)
- \_\_\_ Accessibility Issues (1110)

### Friday, October 14, 2011

- \_\_\_ Fire Alarm Systems (1111)
- \_\_\_ Solar Energy (1112)
- \_\_\_ Wood Const'n Materials (1113)
- \_\_\_ Site Tour (1114)

You are automatically registered for "Opening the Door To Opportunity" (1115). Be sure to sign in to validate your participation.

## Fees & Payment

**THIS IS THE ONLY BILL YOU WILL RECEIVE. THIS REGISTRATION FORM IS YOUR INVOICE. PAY FROM THIS FORM.**

**Full Conference (3-day) Registration Fee<sup>1</sup> Member Fee \$329 Non-member Fee \$429**

<sup>1</sup>Includes all education, 2 lunches, 2 dinners, breaks and access to vendor area. .... \$ \_\_\_\_\_

**Wednesday or Thursday Reg. Fee<sup>2</sup> Members \$169/day Non-members \$229/day (Check appropriate days below.)**

<sup>2</sup>Includes education for days selected, morning and afternoon breaks, lunch, and access to exhibit area.

\_\_\_ Wednesday<sup>3</sup> \_\_\_ Thursday<sup>3</sup> ..... \$ \_\_\_\_\_

<sup>3</sup> **Wednesday or Thursday Dinner** (\$45 each for day registrants staying for dinner) **CIRCLE CHOICE W T** ..... \$ \_\_\_\_\_

**Friday Reg. Fee<sup>4</sup> Members \$75 Non-members \$100 <sup>4</sup>Includes AM break and session.**

**Additional Meal Package \$140** (Wednesday Lunch & Dinner, Thursday Lunch & Dinner & breaks) ..... \$ \_\_\_\_\_

**New Member Dues \$45** (attach form from PENNBOC.ORG & indicate dues amount) ..... \$ \_\_\_\_\_

**Golf (Prepayment is required. Use separate form to indicate preferred player groups.)** ..... (\$60/player) \$ \_\_\_\_\_

**Total Enclosed/Balance** ..... **PAY FROM THIS FORM.** ..... \$ \_\_\_\_\_

### CREDIT CARD PAYMENT

IF PAYING BY CREDIT CARD, please complete the registration form above and, if necessary, the golf registration form as well. **ALSO COMPLETE THE CREDIT CARD AUTHORIZATION FORM elsewhere in this document.**

**For Credit Card Transactions ONLY**, you may fax (717-730-9300) or mail ALL of the completed forms to PENNBOC.

Thank you!

### CHECK PAYMENT

Make checks payable to **PENNBOC**.  
Mail completed forms & payments to:

**PENNBOC**

**#269**

**4902 Carlisle Pk.**

**Mechanicsburg, PA 17050**

You may pay for multiple registrants with one check or credit card transaction provided all names appear on the check and that all forms and the check are in the same envelope.

**PAY FROM THIS FORM. THIS IS THE ONLY BILL YOU WILL RECEIVE. THIS REGISTRATION FORM IS YOUR INVOICE.**

**We do not issue invoices or process purchase orders.**

# RECOGNITION • GOLF • LODGING

Recognition

## The Pat Campanella “Code Official of the Year” Award

Nominees for this award must be Active Members in good standing. Nominees should display “The High Ideals of Leadership and Dedication to Their Community and the Pennsylvania Building Officials Conference.” Judging is based on their involvement in and support of their home community, the regional PENNBOC chapter and the state association. The winner will receive a plaque memorializing this high honor and designation.

This award is named for Pat Campanella, a code enforcement official who spent many years serving the State Executive Committee and his home territory in Region 2. Pat worked hard to promote membership and educational opportunities for our association. He served as State President in 1980 and became the first recipient of this award in 1982.

Nominations close on September 2. Judging is done by the Board of Directors, and the award is presented at the annual conference in October.

For more information and a registration form, go to PENNBOC.org. Download, print and follow the easy instructions on the form.

Golf

## Fellowship

\_\_\_\_ YES, register me for the Tuesday, October 11, 2012 golf event @ \$60 per player. Price includes greens fees, cart, lite lunch and prizes! Prepayment is required. Participants will be notified of their assigned start times and directions to the course.



I will be playing with†: \_\_\_\_\_

\_\_\_\_\_

†If no one is selected, your foursome will be assigned.

Print your name here: \_\_\_\_\_

Include this form (and payment) with your conference registration. Participants will receive start time and partner confirmations from Golf Coordinator Fred Kinder shortly before the event.



Lodging

## Lodging and Directions

All conference activities are at the **Holiday Inn**, Grantville, PA. The hotel is on I-81 at exit 80. This is about 20 miles NE of Harrisburg.

Single occupancy rooms - \$102; double occupancy rooms - \$112. These “per night” rates include a full breakfast following each night’s stay. Applicable taxes are additional. Make your reservation by calling the hotel at 717-469-0661. Ask for the “PENNBOC” block. For information on suites, contact the hotel directly.

Air travelers note: the nearest commercial airport is Harrisburg (MDT); it is about 40 minutes from airport to hotel. The Holiday Inn offers shuttle service with advance reservations.

Visit [www.stayholiday.com](http://www.stayholiday.com) for more information.

Smile!

## Photography Notice

By your attendance at this event, you recognize that interviews, photographs, audio recordings, and video recordings may be taken, and you consent to their publication, exhibition, or reproduction by PENNBOC or its affiliates for promotional purposes, inclusion on websites, or any other purpose deemed appropriate by PENNBOC.

**Bracing for the New Code Changes**