

# THE MECHANICAL INSPECTOR

## MMIA Election Results Are In

The following slate was unanimously approved by the membership.

<b>President</b>	<b>Eugene Burke</b>
<b>Vice President</b>	<b>Vernon Pappas</b>
<b>Secretary</b>	<b>William Paquette</b>
<b>Treasurer</b>	<b>Guy Mitchell</b>
<b>Director</b>	<b>Sam Bouhanna</b>
<b>Director</b>	<b>Keith Rosen</b>
<b>Director</b>	<b>Bill Miller</b>

New Director of MMIA, Keith Rosen, Southfield, graduated from Ferris State University with an associate degree in RHVAC and a bachelors degree in business. He has been an active HVAC contractor for 25 years and has been the mechanical inspector for the cities of Southfield and Bingham Farms for the past 7 years. Keith said, "I plan to learn more about the functions behind the scenes of MMIA and in doing so to help promote and direct the future of the organization in the best way possible. I am encouraged by the existing board members to become active with the education committee and to help develop classes that are interesting and thought provoking for our membership. I feel that my years of field experience and continuing education of the mechanical codes will allow me to provide a practical common sense approach to code interpretation and enforcement."




Tension Barry, Chief of Mechanical Division, Bureau of Construction Codes & Fire Safety, stopped in at the MMIA Nov. 17th class to add a little information to Mark Riley's presentation on "Code Requirements for Sealing and Insulating Ductwork." Thanks to both of you for giving your time and expertise.



**THIS ISSUE**

- ↪ Presidents Corner
- ↪ SEER 13
- ↪ Education Committee
- ↪ NFPA
- ↪ IAIE
- ↪ Legislative Update
- ↪ ICC
- ↪ CPR
- ↪ MIAM Conference Sponsors Needed
- ↪ Inspector Education
- ↪ Tax Tips

Maintain  
Improve  
And  
Monitor



**MMIA, Inc.**  
Better Enforcement  
Today  
for a Safer  
Tomorrow



January 2006



## NEW MMIA Members

### **ACTIVE**

- Everett Murphy  
Warren
- Philip Piaseczny  
Hamtramck
- Daniel Michael Sannar  
Farmington Hills, Livonia
- Mitch Watkins  
Commerce Township

### **ASSOCIATE**

- Dhia Sawa  
Sawa's Htg Clg & Ref
- John Teelander  
Jake's Five Star Heating

## NEW MIAM Members

### **ACTIVE**

- William Cousins, III  
Village of Kalkaska
- Everett Murphy  
Warren
- James Lee Smither  
Oakland Township
- Mitch Watkins  
Commerce Township

### **CONTRIBUTING**

- Robert Foster  
Aeroseal of Michigan
- David Kloote  
Plainfield Township
- Dhia Sawa  
Sawa's Htg Clg & Ref
- John Teelander  
Jake's Five Star Heating

### **SUSTAINING**

- Tom Ingalls  
SMWIA Local Union #80
- Eric Dean McPherson  
SMWIA Local Union #80

**We Are Glad To Have You**

# MMIA, Inc.



Walt Maner winner of the 50/50 raffle at the MMIA, Dec 15, 2005 holiday meeting donates his winnings to Turning Point. Thanks Walt!

# Presidents' Corner



## MIAM President John E Smith

### Smith President MIAM

When I became President of MIAM, I promised myself that I would try to get us more involved in the legislative and political arena. With the help of Legislative Consultant, Lynn Briggs, I believe we have begun to make some inroads toward that goal. Your Legislative and Code Study Committee has been working in several areas: Forbes Mechanical Contractors Licensing Act; the Michigan Fire Inspectors Society proposal on professional qualifications for fire inspectors and fire code officials; House Bills #4206-4209 regarding conflict of interest; Senate Bill #167—continuing education and online credits; House Bill #5287 to amend the State Construction Code Act; House Bill #4507 and Senate Bill #150—the Registration Act to set up a disciplinary panel for mechanical inspectors and others. We are especially involved with these two bills and have met many times. Once an agreement has been reached, you will be called upon to support the issue and we want to be sure that all inspectors step up as strong association members. You will be kept abreast of all activities as they arise.

2005 has come to an end and I hope it was a wonderful year for everyone. I hope all of you and your families had a safe and happy holiday season. As for the deer hunters I hope you had a better season than me. All I'm getting is deer track soup this year. Please get outside and enjoy the great Michigan winter in the snow (though we see a lot of green now I have a feeling that is going to change). I'll see all of you at the Spring Conference in Clare. I wish you the very best for 2006.



## MMIA President Eugene Burke

As your newly elected President, it is my intention to work toward bringing the members of MMIA closer to association activities. MMIA is in its 20th year and I believe we are stronger than ever. I also believe we can always be stronger. I want to encourage all members to think about joining our Boards and Committees. As you know, we just elected three new Directors: Sam Bouhanna, Keith Rosen and Bill Miller. We have already heard from Keith (see front page article) and I am convinced that we have made the right choice. Read his article and speak to him about his vision for MMIA. I am sure you will find it interesting and engaging.

I would like to thank everyone for electing me president for this coming year. It is guaranteed to be exciting, with new legislation, code changes and education opportunities. We will keep the membership informed of any new changes in legislation as well as all of our activities.

The ICC Conference will be held September 17-30, 2006 at Coronado Springs Resort; Lake Buena Vista, Florida. This meeting will involve their annual business meeting, and first phase of code hearings for the proposed 2009 codes.

Thanks to Guy Mitchell for a successful year as President. He did a great job. I hope everyone had a fine time over the holidays, but now it's back to work in the new year. Please call me anytime. I always answer my phone. Thanks for your help.

## MMIA Past President Guy Mitchell

Thank you everyone for the opportunity to serve as your president this past year. It was an honor to represent this fine organization of hard working people.

As we continue to grow MMIA is providing more services not only for inspectors, but the HVAC industry within the state, as well. The combined experience within our membership equals thousands of years and it is important for us to maintain our highly respected position as a leader association in the mechanical inspection community. The best way for us to do that is to continue our high standards of education and professionalism and always be willing to learn and grow.

I will remain active in MMIA by continuing to give my time and asking all other inspectors to do the same. We are all volunteers and this is a great way to help others and to feel good about ourselves. Don't wait, sign up today, 248-649-5443.

### **THE MECHANICAL INSPECTOR**

is published quarterly at  
3221 W. Big Beaver Road, Suite 305  
Troy, MI 48084-2812  
Ph: 248-649-5443 Fax: 248-649-2024

#### **Committee:**

Sam Bouhanna, Eugene Burke, Jeff Laski, Robert Logan, Scott Paddock, Vernon Pappas, William Paquette, Mark Riley, Keith Rosen, John Wolter, Co-Chairs, Guy Mitchell, William Moy,  
*MIAM President John E Smith*

#### **Ask the Committee:**

Send your questions about Mechanical Code enforcement to the Education Committee for discussion and research. As space permits, they will be answered in this Newsletter. The address is:

#### **EDUCATION COMMITTEE**

3221 W. Big Beaver Road, Suite 305  
Troy, MI 48084-2812  
Ph: 248-649-5443 Fax 248-649-2024  
EMAIL: mechinspect@bignet.net

#### **Inform the Committee:**

These articles are directed to membership participation. We welcome you to please submit your comments and answers.

#### **REMINDER**

Publishing deadlines are as follows:

Jan 1 deadline for Jan 15 mailing  
Apr 1 deadline for Apr 15 mailing  
Jul 1 deadline for Jul 15 mailing  
Oct 1 deadline for Oct 15 mailing

Anyone is welcome to submit articles, but the Education committee will decide publishing priority.



## SEER / DOE LETTER

Vernon Pappas, MMIA Director,  
Ed Committee

13 S.E.E.R. Update:

Re: Unico, Inc. & SpacePak

SpacePak and Unico, Inc., manufactures of Small Duct, High Velocity systems (SDHV) have received relief from the Department of Energy stating that neither Company need comply with the new 13 S.E.E.R. requirements which become effective January 23, 2006, for most central air conditioners including SDHV systems.

*Small duct, high velocity system* means a heating and cooling product that contains a blower and indoor coil combination that:

- (1) Is designed for, and produces, at least 1.2 inches of external static pressure when operated at the certified air volume rate of 220-350 CFM per rated ton of cooling; and
- (2) When applied in the field, uses high velocity room outlets generally greater than 1000 fpm which have less than 6.0 square inches of free area.

Persons subject to the various product efficiency standards of Part 430 may apply to the DOE Office of Hearings and Appeals (OHA) for exception relief. In this regard, section 504 of the Department of Energy Organization Act authorizes OHA to make adjustments of any rule or order issued under the EPCA, consistent with the other purposes of the ACT, if necessary to prevent special hardship, inequity, or unfair distribution of burdens. 42 U.S.C. section 7194(a).

Anyone who would like a copy of the Application for Exception document can contact the Association Offices, or go online to [www.spacepak.com/litlibrary/DOE\\_11\\_SEER.pdf](http://www.spacepak.com/litlibrary/DOE_11_SEER.pdf)

Vern Pappas, Walled Lake

## MMIA HOLIDAY SEASON KICK-OFF WITH GENEROUS DONATIONS TO TURNING POINT

Once again the members of MMIA have come together at the holiday season with big hearts and great intentions. MMIA held its Annual Holiday Luncheon on Thursday, December 15, 2005 at the Ukrainian Cultural Center in Warren to support a great charity.

“Turning Point” of Mount Clemens was the gracious recipient of the donation of toys given by the members of MMIA. The toys collected went to the children of “Turning Point” a battered women’s shelter in the Mount Clemens area. Rachel Ruppert of “Turning Point” expressed her thanks to the MMIA members for their generous gift of toys which will be given to the children at the shelter.

MMIA and “Turning Point” of Mount Clemens wish to thank all those who donated a special gift for the less fortunate during the holidays. MMIA is very proud of its generous members.

## What does the code say about Air Balancing?

Does your jurisdiction require an air balance report before final inspection is approved on new commercial building? Let’s see what the codes say:

403.3.4 Balancing. Ventilation systems shall be balanced by an approved method. Such balancing shall verify that the ventilation system is capable of supplying the airflow rates required by Section 403. *2003 MMC*

6.2.5.3.1 General. Construction documents shall require that all HVAC systems be balanced in accordance with generally accepted engineering standards (see Appendix E). Ducted air and water flow rates shall be measured and adjusted to deliver final flow rates within 10% of design rates.

Exception to 6.2.5.3.1: Variable speed, variable volume flow distribution systems need not be balanced upstream of a pressure independent device. *ASHRAE 1999 90.1 State Energy Code.*

As we can see codes do require an air balance report, but the questions are how is it done and who can do it? What method is used? The mechanical code says by approved method, while ASHRAE references these methods in its appendix E:

ASHRAE Standard 111 – 1988: *Practices for Measurement, Testing, Adjusting and Balancing of Building Heating, Ventilation, Air-Conditioning and Refrigeration Systems*  
AABC 1997 *Associated Air Balance Council Test and Balance procedures*

NEBB Procedural Standards – 1993: *Procedural standards for building systems commissioning.*

Having someone run around with an anemometer taking readings off air registers is not completing the air balance report. This article would not have room to explain a correct air balance procedure. I would suggest that you go to an Article at the following website:

[http://www.mbinet.org/web/magazine/comfort02\\_03.html](http://www.mbinet.org/web/magazine/comfort02_03.html)

The air balancer acts as an additional inspector for you and you will learn if there are any deficiencies in the HVAC system from back draft dampers stuck closed in a toilet exhaust fan to the flex duct that was kinked by a worker after the rough inspection. In some cases you might want to have the air balancer on site during the inspection process especially for large projects to discuss any problems that may arise.

Finally I feel it is vital to have a complete mechanical inspection, an air balance report done by industry approved methods for non-residential inspections.

**Submitted by Mark Riley, Troy.**



Rachel Ruppert of “Turning Point” of Mount Clemens accepting generous MMIA donation of toys, gift cards and money!

## FROM THE OFFICE OF CERTIFIED INSPECTIONS

Joseph Otis, NFPA Liaison



### HOME HEATING FIRE PATTERNS AND TRENDS

The estimated 54,900 home heating equipment fires in 2001 killed 220 people, the lowest death toll in the past 22 years. Home heating fires caused 1120 civilian injuries and \$502 million dollars in direct property damage.

Portable and fixed space heaters and related equipment, such as fireplaces, chimneys, and chimney connectors, accounted for two of every three home heating fires in 2001. Each of these devices has a higher rate of deaths per million households using them than do the various types of central heating units, such as furnaces or water heaters.

Portable and fixed space heaters pose a greater risk because they provide so many more opportunities for error by the people using them – in installing, maintaining, fueling, operating and arranging household contents around them. Furnaces and water heaters require and permit fewer interventions by occupants.

Most home heating fires are preventable if people follow NFPA codes, standards, recommendations, and other guides to safe heating, such as advice from fire code officials and fire safety experts.

NFPA JOURNAL NOVEMBER/DECEMBER 2005

Home Heating Fire Patterns and Trends/Executive Summary by John R. Hall

[www.NFPAJOURNAL.ORG](http://www.NFPAJOURNAL.ORG)



## IAEI UPDATE Ed Harris, Battle Creek

The Michigan Chapter of the International Association of Electrical Inspectors has been busy preparing to host the IAEI 2006 Western Section meeting. The meeting will be held at the Grand Traverse Resort on September 17 through 20, 2006. Michigan will be hosting approximately 500 electrical inspectors from all over the western section of the United States.

The Michigan Chapter would like to invite anyone involved or interested in the electrical industry to attend. There will be an extensive display area with manufacturers and vendors displaying products and information related to the electrical industry.

There will be several meetings discussing code proposals for the 2008 National Electrical Code. Information can be found by visiting the web-site at [www.iaei-michigan.org](http://www.iaei-michigan.org).

## LEGISLATIVE REPORT

LYNN L. BRIGGS  
LEGISLATIVE AGENT



In my opinion, 2005 will go down as the most non-productive year in the history of the Michigan Legislature. Little was accomplished other than partisan fighting over ways to solve the state's deficit budget problems. In all of the negotiations, the Republican controlled Legislature did not want to give the Democratic Governor anything to help her gain re-election advantages. This is, of course, only the middle of the two-year legislative session, so many bills in committee will be considered when the legislature returns to Lansing in January.

Bills which would impact on inspectors (such as Senate Bill No. 150 and House Bills No. 4206-4207-4208-4209) have remained in committees with no hearings held. We will need to continue to monitor those committees for possible hearings in January and February. Senate Bill No. 150 is in the Senate Committee on Economic Development, Small Business and Regulatory Reform. The House bills are on the House Second Reading Calendar (since March).

Discussions continue on proposed amendments to the Forbes Mechanical Contractors Licensing Act. The three main issues being discussed and negotiated are:

1. Increasing the penalties for violations of the act, including making it a felony to perform mechanical work without a license.
2. Adding continuing education for contractors and technicians.
3. Licensing technicians and registering apprentices.

The third item (licensing technicians) is by far the most controversial issue. The most recent proposal would allow current employees to be "grandfathered" in without examination. New entrants into the industry would be required to pass a licensing examination. All interested parties met on December 16 at the Bureau of Construction Codes. Additional language will be drafted by the Department, Lynn Briggs and Walt Maner to reflect the current discussion. Additional meetings will be scheduled as needed.

Governor Granholm signs capital outlay bills. The state will appropriate \$198 million for construction at 17 university and community colleges and \$70 million for state facility preservation projects. According to the Governor's office, the projects are expected to create nearly 4,300 jobs in Michigan. "Our Jobs Today Initiative is already creating jobs while improving our roads and bridges, cleaning up environmental contamination, upgrading aging long term care facilities and building affordable housing," Granholm said.



ICC UPDATE  
MARK RILEY

2006 I.C.C. ANNUAL CONFERENCE AND  
CODE HEARINGS

The 2006 I.C.C. Annual Conference and Code hearings will be held September 17–30, 2006 at Coronado Springs Resort; Lake Buena Vista, Florida. This meeting will involve their annual business meeting, and first phase of code hearings for the proposed 2009 codes.

This will be interesting seeing that the code changes will be discussed in Disneyland!



**EDUCATION DOES NOT STOP AT  
ASSOCIATION PROGRAMS**

Inspectors and Contractors alike can always use more education. As you know, members of MMIA and MIAM receive all of the credit hours required to maintain their status. If they attend all of the Seminars OR Conferences, there is no need go elsewhere. Programs are presented by experts from ICC, SMACNA, ACCA and our own volunteer members.

Occasionally we hear about Contractors who are not educated on current Codes; they may not have an up-to-date Code Book resulting in disagreement and conflict. This is where you can help.

Ask Contractors to join the Association; make sure they know that Code Books are available at the Association Offices; bring them to programs; provide thoughtful consideration and treat both of you with dignity and respect We can all use a helping hand at one time or another.

Who knows, it just may work.

## New steps are outlined for CPR

Updating the way everyday people do CPR, new recommendations urge more chest compressions for victims of cardiac arrest.

The revised guidelines on cardiopulmonary resuscitation, issued Monday by the American Heart Association, advise giving 30 chest compressions -- instead of 15 -- for every two rescue breaths. "Basically, the more times someone pushes on the chest, the better off the patient is," said Dr. Michael Sayre, an Ohio State University emergency medicine professor who helped develop the guidelines.

More than 300,000 Americans die each year of cardiac arrest, when the heart suddenly stops beating. The heart association estimates that more than 95% of cardiac arrest victims die before they get to the hospital.

The guidelines also recommend cooling cardiac arrest patients for 12 to 24 hours to about 90 degrees. Two significant studies have shown that practice can improve survival and brain function for people who are comatose after initial resuscitation.

Studies show that the chest compressions create more blood flow through the heart to the rest of the body, buying time until a defibrillator can be used or the heart can pump blood on its own. In addition, studies have shown that blood circulation increases with each chest compression and must be built back up after an interruption, the association says in its online journal *Circulation*. The guidelines also cut down on the number of times a rescuer needs to use a defibrillator. And rescuers are advised not to stop after giving two rescue breaths to check for signs of circulation before starting compressions. The bottom-line advice is to focus on the chest compressions. Instead of applying the defibrillator pads up to three times before beginning CPR, the guidelines advise rescuers to just give one shock and then do two minutes of CPR beginning with chest compressions before trying the defibrillator again. Studies show that the first shock works more than 85% of the time. Defibrillators have been popping up in public places like airports and businesses, but the heart association says that more public places need to install the devices.

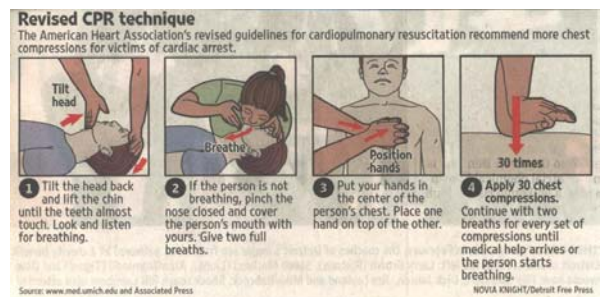
The heart association says about 9 million Americans a year are trained in CPR. For information, visit [www.americanheart.org](http://www.americanheart.org)

**THE NEW GUIDELINES ON CARDIOPULMONARY RESUSCITATION INCLUDE:**

- For every two rescue breaths, perform 30 chest compressions instead of 15
- Cool the body of a cardiac arrest patient to about 90 degrees for 12 to 24 hours
- Instead of three applications of defibrillator pads, give one shock and then begin CPR for two minutes.

*Stengle, Jamie. "New steps are outlined for CPR." Detroit Free Press 29 Nov. 2005: 5A*

**Please contact your community for CPR Training schedules.**



## TAX TIPS

Get tax breaks for helping Mom, Dad, or other aging relatives. If you are feeling the pressure of financially supporting your parents or other relatives there may be help.

**Dependency exemption and filing status** - If you provide more than half of the cost for your parents' support for the year, you are eligible to claim them as your dependents. Where they live does not impact your filing status. The right to claim the "head of household" status can be beneficial to single filers. The dependency exemption is \$3200 for 2005. If you are caring for both your mother and your father, you may be entitled to a \$6400 tax deduction.

**Deductible medical expenses** - Medical payments you make on behalf of your parents may be deductible. To get this benefit, usually your relative must be your dependent. Eligible medical expenses include those associated with nursing home or certain long-term care costs, along with other types of services. If dependency care savings plans (Medical Savings Accounts) are available at your workplace, they can be designated to cover up to \$5,000 (pre-tax) for other dependents' care.

(For further details please contact your tax professional.)

## INSPECTORS

HOW MANY EDUCATION CREDITS DO YOU NEED TO MEET THE MINIMUM REQUIREMENTS FOR REGISTRATION WITH THE STATE BY THE END OF THE CYCLE, SEPTEMBER 17, 2006?

	REQUIRED	ACTUAL
ADMINISTRATION	5	_____
TECHNICAL	32	_____
COMMUNICATION	2	_____
SPECIALTY	24	_____
PLAN REVIEW	<u>16</u>	_____
TOTAL	79	_____

NAME \_\_\_\_\_  
COMMUNITY \_\_\_\_\_

PLEASE FAX THE ASSOCIATION OFFICE WITH YOUR RESPONSE AT 1-248-649-2024.

MIAM has launched a new sponsorship program for its conferences, and we need help from our members. Help your association gather sponsors at the upcoming Spring Conference. Cut this Sponsorship Form out and circulate it among your industry contacts. If you would like more information or want more forms please contact the association office. Help MIAM make its conferences the best they can be.

## MIAM CONFERENCE SPONSOR FORM

Company / Organization: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

**YES**, I will sponsor one of the following MIAM conference events:

Seminar Breaks:

- \$250 - One Seminar Break     \$750 - Three Seminar Breaks  
 \$500 - Two Seminar Breaks    \$1,000 - Four Seminar Breaks

Full Sponsorship

- \$1,000 - Hospitality Room  
 \$2,500 - Membership Meeting Luncheon  
 \$5,500 - Dinner and Reception  
 \$1,000 - Ladies Events  
 \$1,000 - Speaker Sponsorship  
 \$1,000 - Ladies Events  
 \$1,000 - Raffle Gift Funds

Partial Sponsorship

- In the amount of \$ \_\_\_\_\_  
 In the amount of \$ \_\_\_\_\_  
 In the amount of \$ \_\_\_\_\_  
 In the amount of \$ \_\_\_\_\_  
 In the amount of \$ \_\_\_\_\_  
 In the amount of \$ \_\_\_\_\_

or  
Raffle Gift(s) \_\_\_\_\_  
Please Name Gift

- YES**, I will supply promotional items for the conference.  
We expect 180 in attendance

PLEASE MAKE CHECKS PAYABLE TO:  
**Mechanical Inspectors Association of Michigan**  
3221 West Big Beaver, Suite 305  
Troy, MI 48084

**MIAM WOULD LIKE TO THANK YOU FOR YOUR SUPPORT AND RECOGNIZE YOUR EFFORTS.**

Your sponsorship information will be displayed at the MIAM Conference and spotlighted in a special section of our "Mechanical Inspector" Newsletter.

# INSPECTOR EDUCATION

## MMIA CLASS AND CREDIT UPDATE

CYCLE SEPTEMBER 18, 2002 THRU SEPTEMBER 17, 2006

REQUIRED		Totals to date (01-01-06)	
Administration	5	Administration	7
Technical	32	Technical	24
Communications	2	Communication	4
Specialty	24	Specialty	23
Plan Review**	16	Plan Review**	12
Total	79	Total	70

\*\* Not a Mechanical requirement

- Jan 19, 2006  
William Moy      Blueprint Reading      4PR
  - Mar 16, 2006  
VIEGA      Hydronic In-Floor Radiant Heating      3S  
                    Snow Removal
  - Apr 20, 2006  
Mark Riley      \*MRC Chapter 11      3T
- \*THIS PROGRAM IS TENTATIVE

## MIAM CLASS AND CREDIT UPDATE

CYCLE SEPTEMBER 18, 2002 THRU SEPTEMBER 17, 2006

REQUIRED		Totals to date (01-01-06)	
Administration	5	Administration	11
Technical	32	Technical	54
Communications	2	Communication	4
Specialty	24	Specialty	30
Plan Review**	16	Plan Review**	16
Total	79	Total	115

\*\* Not a Mechanical requirement

MMIA would like to thank the speakers who volunteer their knowledge and time for a great cause! A special **THANK YOU** to...  
Arthur Grace, Jr., "Pool Heaters" on October 20th. Arthur, We really appreciate the time you contributed to the members. We always like to have new speakers!  
Mark Riley, "Code Requirements for Sealing & Insulating Duct Work" on November 17th. Mark, we value your knowledge and always are happy to have you speak.  
Guy Mitchell, "Residential Walk Thru Inspections" on December 15th. Guy, thank you for the excellent presentation and the Holiday Gifts!

## CALENDAR OF PROGRAMS

### 2006

Mar 23-25	MIAM Spring Conference	Clare, MI
Apr 20-22	PIAM Spring Conference	Frankenmuth, MI
Sep 14-16	MIAM Fall Conference	Clare, MI

### **20th Anniversary**

Oct 19-21	PIAM Fall Conference	Boyne Falls, MI
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### 2007

TBD	MIAM Spring Conf	Clare, MI
Apr 18-20	PIAM Spring Conference	Clare, MI
TBD	MIAM Fall Conference	TBD
Oct 10-12	PIAM Fall Conference	Lansing, MI

### **75th Anniversary**

## IAEI SEMINAR SCHEDULE

March 9-10, 2006	Kalamazoo, MI
December 7-8, 2006	Gaylord, MI

For more information contact

IAEI Secretary Darrick Whitaker 313-235-7751  
MIAM / IAEI Liaison Ed Harris 269-966-3382

## TRAINING - ANSI/ASHRAE/IESNA 90.1 (1999-2004) ENERGY SUMMIT II SUSTAINABILITY

**Date:** Tuesday, February 21, 2006  
**Place:** LTU Campus (Detroit area)  
**Time:** 8:30 - 4:00 PM

For more info and to register: [www.detroitashrae.org](http://www.detroitashrae.org)

MIAM SPRING CONFERENCE  
**REGISTRATION FORMS HAVE BEEN MAILED!**  
BE SURE TO SEND IN YOUR  
COMPLETED REGISTRATION TO THE  
ASSOCIATION OFFICE AS SOON AS POSSIBLE!

**WE'LL SEE YOU THIS SPRING IN CLARE!**

## MIAM 2006 Spring Conference Agenda

March 23-25, 2006 Doherty Hotel, Clare

### Thursday, March 23, 2006

11:00-5:00	Registration/Hospitality Suite
12:30-1:00	Presidents Welcome
1:00-5:00	ACCA Manual J Martin Sirowatka, 4T

### Friday, March 24, 2006

7:00-8:00	Breakfast Buffet
8:00-12:00	Automatic Sprinklers James Schifiliti, 4PR
<b>OR</b>	
8:00-10:00	Geothermal Systems Arthur Grace, Jr., 2S
10:00-12:00	High Velocity Air Conditioning Systems Mike Shorkey, 2S
12:00-1:00	Lunch Buffet and <b>Business Meeting</b>
1:00-5:00	Automatic Sprinklers James Schifiliti, 4T
<b>OR</b>	
1:00-3:00	Gas Meters, Capacity & Size John Wolter, 2S
3:00-5:00	SEER 13 TBD, 2S
6:00-9:00	Dinner Reception

### Saturday, March 25, 2006

7:00-8:00	Breakfast Buffet
8:00-10:00	Duct Sealing & Insulation Mark Riley, 2T
<b>OR</b>	
8:00-10:00	Gas Pipe Sizing Guy Mitchell, 2T
10:00	Check-out

Please note this agenda is tentative and subject to change.

**INSPECTORS EDUCATION FUND**  
3221 West Big Beaver Road  
Suite 305

Troy, MI 48084-2812  
Phone 248-649-5443 Fax 248-649-2024  
mechaninspect@bignet.net mechanicalinspector.com

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SCMCC, Region 8  
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**Joseph M. Shaltz**  
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**William Moy**  
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Houghton County, Region 1&2

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