



THE ACTUARIAL  
FOUNDATION®

# Newsletter

PREPARING FOR TOMORROW'S POSSIBILITIES THROUGH EDUCATION

## Chairman's Message



David G. Hartman

Dear Friends of the Foundation,

I'm constantly amazed by what The Actuarial Foundation can accomplish with our donors' generous support, even though

I am in my fourth year as a Board member of the Foundation, and now as its new Chair. The link between your support and our programmatic results are purely cause and effect.

Many of the Foundation's latest program highlights are included within the pages of this newsletter. However, I'd like to single out one initiative that, I believe, is a great example of how contributions turn into action: "Building Your Future."

A collection of educational materials and classroom guides, "Building Your Future" is designed to improve financial literacy of high school students by using terms and examples relevant to them. Thanks to Foundation supporters, both individuals and corporate sponsors, these materials have reached 2,480 teachers so far – and our goal is to reach teachers in *every* high school in

the nation.

This is a lofty, but important goal. And, while we cannot reach this goal without the generous support of our donors, we have reason for encouragement, as Foundation donors were particularly generous last year. In fact, during a year when most charities struggled to keep pace in a tough economy, amounts contributed by individuals to the Foundation in 2009 grew 2.5 percent over 2008. Thank you!

We know we can do more, and the Foundation looks to you for your continued leadership and commitment. With that in mind, I seek your help in two important ways:

*Please continue your support in 2010.* While any amount will help, a gift of \$250 can provide an entire classroom with "Building Your Future" materials for a year. If we can increase contributions from active supporters, we can reach even more high school students. As a long-time donor, and now as Chair, I applaud your commitment to the Foundation.

*Recruit a colleague.* Please share this newsletter with a colleague or friend who has yet to support the Foundation. If we can increase participation among our peers, we

can accomplish even greater things together. Just think what could happen to Foundation initiatives if each of us enlisted one additional new donor this year!

A final personal note: I am honored to serve you, our supporters, as Chair of The Actuarial Foundation Board of Trustees. I hope I can measure up to the strong leadership provided by our Immediate Past Chair, Fred Sievert, and our entire Board of Trustees. I pledge to build on their legacy of passion for our profession and the Foundation's mission to "develop, fund, and execute education and research programs that serve the public by harnessing the talents of actuaries."

Thank you for your ongoing support and your consideration. Here's to a productive 2010!

Sincerely,

David G. Hartman, FCAS, MAAA, FCIA, HonFIA

### Philanthropy is the effort to increase the well-being of humankind through charitable donations.

*"Because of your commitment to the programs and activities of The Actuarial Foundation, together we have been able to make a difference in communities across this country. Thank you for your generous charitable donations and for believing in the Foundation's mission and providing the resources needed, financial and volunteer, to benefit students, consumers and the profession through Foundation sponsored educational activities."*

— Eileen C. Streu, CAE, Executive Director

### SPOTLIGHT ON

#### ***Building Your Future***

a curriculum to fight financial illiteracy

*"Education is always running on a tight budget and we are so thankful for people who speak up and take action. Your donation gives one class the opportunity to have new curriculum resources. Thank you for caring about the financial education of our high school youth."*

— ***Bremerton High School (WA)***

Teachers are asking for these materials. Learn how you can help.

**See page 3**

**MISSION:** To develop, fund and execute education and research programs that serve the public by harnessing the talents of actuaries.

# Education is the Key, and Together...

## YOUTH EDUCATION

*We're inspiring a new generation of math-skilled thinkers.*

Students at Worthington Park Elementary celebrate the actuarial profession! Kathy Cermak, math teacher at Worthington Park, said her students were excited to hear that "actuary" was rated the number one profession in the most recent *Jobs Rated Almanac*. Actuarial mentors have been working with her mathematically talented 4<sup>th</sup>-6<sup>th</sup> grade students all year through the Foundation's Advancing Student Achievement grant program. The mentors



visit the classroom to help students as they author math contests and math articles for *Math Madness* – a student run school math magazine. The students surprised their mentors with this display in the hallway and gave them a special round of applause during the math night program in January, where the actuaries volunteer their time as well.

Two students explored the rankings further and created a survey of their own so classmates would have a chance to vote for what they think is the best job. How did actuaries fare in the Worthington Park survey? Actuaries tied for fourth place with author. The top three jobs were professional athlete, teacher and veterinarian. Video game designer, doctor, lawyer, self-employed toy salesman and pizza shop owner round-out the top ten.

After seeing the results of the survey, the student authors are working to prepare an article for the April edition of *Math Madness*. Their article gives the results of the survey and includes their following observation.

*"We were surprised that our readers ranked professional athlete as the number one job. According to the Occupational Outlook Handbook, the number of professional athletes in the U.S. is 16,500 and there are 19,700 actuaries; and the number of actuaries is expected to go up to 23,900 by 2018. So, do the math! Your chances of becoming an actuary are higher than becoming a professional athlete."*

Thanks to the mentors who shared their love of math with the students of Worthington Park Elementary School in Westerville, OH and to their employers who so generously provided them the time to volunteer! They are:

**David Benseler** of Motorist Mutual Ins. Co.; **Shira Burg**, **Bethany George** and **Martin Molloy** of Aon Consulting; **Sherry Chan** of State Teachers Retirement System of Ohio; **Anthony Torelli** of Nationwide Financial; **Peter Weber** of Ohio Dept. of Insurance; and **Sahar Tabataee** of State Auto Insurance Companies.

## RESEARCH, AWARDS, PRIZES & SCHOLARSHIPS

*We're moving boldly to handle the challenges of the future.*

### Foundation Renames Award in Memory of Hubert Mueller

The ERM Research Excellence Award in Memory of Hubert Mueller recognizes the best overall paper submitted for its significant contribution to the growing body of ERM knowledge and research.



Hubert B. Mueller, FSA,  
MAAA, IAA  
1960-2009

Hubert Mueller raised awareness of the importance of ERM across the insurance industry and promoted the role of actuaries in ERM. He was instrumental in founding the Joint Risk Management Section and was one of the first to receive

the CERA designation. Hubert was a dedicated and active industry volunteer and played an instrumental role in making the ERM Symposium the event it is today.

We are pleased to announce the winner of this year's ERM Research Excellence Award in Memory of Hubert Mueller. Congratulations to Neil M. Bodoff, FCAS, MAAA for best overall paper 2010. To view a copy of the paper, *Discarding Risk Avoidance and Embracing Risk Optimization: Managing Reinsurance Credit Risk*, go to: [www.actuarialfoundation.org/programs/actuarial/awards\\_prizes\\_comp.shtml#erm](http://www.actuarialfoundation.org/programs/actuarial/awards_prizes_comp.shtml#erm).



Neil Bodoff accepting award from Tricia Guinn

We wish to thank Towers Watson and Hubert's friends and colleagues for their significant contributions to the award in Hubert's memory. Contributions in his name may be made online at: [www.actuarialfoundation.org/donate/index.shtml](http://www.actuarialfoundation.org/donate/index.shtml)

### It's Scholarship Time! Do You Know a Student Who Has the Potential To Be an Actuary?

The Actuarial Foundation has four scholarships available for students who have high math skills and good potential to become an actuary. Each one has different criteria to include varying grade levels. Direct a deserving student you know to: [www.actuarialfoundation.org/programs/actuarial/scholarships.shtml](http://www.actuarialfoundation.org/programs/actuarial/scholarships.shtml) and encourage them to submit an application today: **Actuarial Diversity Scholarship**; **Actuary of Tomorrow-Stuart A. Robertson Memorial Scholarship**; **Caribbean Actuarial Scholarship**; and the **John Culver Woody Scholarship**.

# ...We are Making an Impact

## CONSUMER EDUCATION

*We're employing actuarial skills in the public interest.*

The National Academy of Social Insurance (NASI), with funding from the Foundation, has developed a new education brief entitled: ***When to Take Social Security: Questions to Consider***. This Brief examines questions that consumers should consider when deciding when to claim Social Security benefits. Two of the most important financial decisions people make are when to stop working and when to claim Social Security benefits. These decisions

can have lasting consequences. The Brief outlines the feasibility in delaying one's benefit claim to bring the greatest financial security to a retiree over the long term. The Brief can be viewed on the Foundation's Web site at: [www.actuarialfoundation.org/programs/consumer/NASI-Brief-SocialSecurity.shtml](http://www.actuarialfoundation.org/programs/consumer/NASI-Brief-SocialSecurity.shtml)

The Foundation has many consumer education materials available in print and

online from topics covering retirement, annuities, disaster insurance and more. Perhaps a friend, colleague or family member could benefit from one or more of these most helpful educational pieces. You can view the booklets, and request copies from the Foundation at: [www.actuarialfoundation.org/programs/consumer\\_education.shtml](http://www.actuarialfoundation.org/programs/consumer_education.shtml). If you have suggestions on consumer topics that the Foundation could consider developing, please let us know.

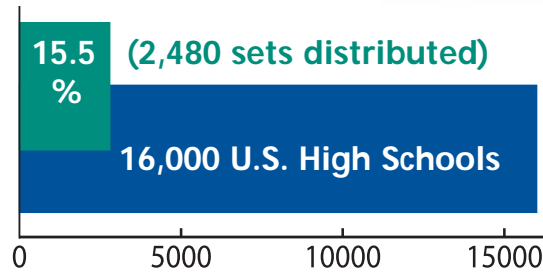
## Building Your Future, A Curriculum To Fight Financial Illiteracy!

As the 2009/2010 school year comes to an end, students look forward to putting down their books and dreaming of activities to come during their summer vacation. Teachers, too, look forward to the very same things! However, teachers must start their curriculum planning for the upcoming school year – just 12 short weeks after the school doors close for the summer.

Part of their teaching plans includes teaching personal finance. Over the past year many generous individuals and corporations have donated to our "Quench The Thirst" campaign to put the *Building Your Future*, high school financial literacy curriculum resource materials into schools across the country.

With a lofty goal of having one set of the *Building Your Future* materials in the hands of at least one teacher in each high school (16,000) in the country, how much penetration has there been in its first year towards meeting our goal? 15% is not a bad start.

Teacher requests for these materials continue to come-in. We have 700 teachers requesting classroom sets still on the donation list. It's summer break and school is not in session for students, but teachers are planning their teaching strategies.



Please join our efforts to provide high school teachers with teaching resources to help their students learn how to be responsible with their finances by providing them with a classroom set of the *Building Your Future* curriculum resource materials.

Thanks to the many individuals who personally donated classroom set(s) to teachers across the country; and to the corporations who have donated generously to cover multiple teacher requests in the following states this past year:

**OdysseyRe Foundation** – Connecticut & New York  
**M.J. Belfatti & Company** – Pennsylvania & Illinois  
**Anthem Blue Cross Blue Shield** – Indiana  
**Prudential** – New Jersey



To view the list of teachers requesting donated materials through the **Quench The Thirst** campaign, go to: [www.actuarialfoundation.org/donate/quench.shtml](http://www.actuarialfoundation.org/donate/quench.shtml)

On behalf of students and teachers who benefit from these materials – **Thank you!**

*"I want you to know how much we appreciate your gift. The materials are a valuable resource to our ninth graders. They are well prepared, highlighting key terms and providing practice problems and examples which will not only help our goal of financial literacy but also raising PSSA test scores in math. I would like to see financial literacy be a requirement for graduation in Pennsylvania, but until then, individuals like you and I will continue to do what we can to help our youth toward prosperity in the future."*

**– Owen J. Roberts High School (PA)**

# Board Update

Highlights from the Trustee meeting held on March 30, 2010 in Rosemont, IL:

- Scholastic was a guest presenter at the workshop prior to the Board meeting to provide a recap of how successful the “Expect the Unexpected with Math” series has been with their teachers. It was noted how math is a subject area that teachers continually have a difficult time finding appropriate supplemental materials to help them engage their students in the classroom. This series from The Actuarial Foundation is their number one math resource for their teacher database.
- The Consumer Education program area presented a plan for broad dissemination of current consumer materials. They will be reaching out to public Web sites and national associations, like the Library Association, to make consumers aware of the availability of these materials.
- The Development Committee announced the planning of a “Casino Night” fundraising event to be held in conjunction with the SOA Annual Meeting in New York.
- Congratulations to these individuals following their election as Emeritus Trustees to the Foundation Board: Suzanne Chapa, Patricia Guinn, Gary Josephson, and Bob Shapiro.
- The July Board meeting will focus on strategic planning during a workshop the day prior to the Trustee meeting to build a new 2011-2013 Strategic Plan.
- A change in the number of years for Chairman was reduced from a two-year term to a one-year term beginning in 2012.

## Help Prepare for Tomorrow's Possibilities with a Donation — 3 Easy Options!

1

Give online at the Foundation's secure Web site. Monthly, Tribute and/or Memorial gifts may also be designated. Go to:  
[www.actuarialfoundation.org/donor/donor.htm](http://www.actuarialfoundation.org/donor/donor.htm)

or

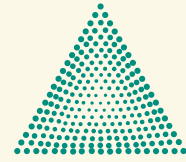
2

Send in the donor reply card included with this edition of the Newsletter;

or

3

Call us at 847-706-3535 for more information.



## Calendar of Events

**May 23-26, 2010**

CAS Spring Meeting  
San Diego, CA

**June 10-11, 2010**

ACOPA Advanced Actuarial  
Conference  
Chicago, IL

**June 28-30, 2010**

SOA Health Meeting  
Orlando, FL

**July 14 & 15, 2010**

The Actuarial Foundation  
Board of Trustee Meeting  
Rosemont, IL

**July 26-28, 2010**

45<sup>th</sup> Actuarial Research Conference  
Simon Fraser University  
British Columbia

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## SUPPORTING U.S. ACTUARIAL ORGANIZATIONS



SOCIETY OF ACTUARIES

# Welcome to our new Trustees

Welcome to our new Board of Trustee volunteers whose three-year terms began January 1, 2010. We are honored to have their expertise and enthusiasm working on the Foundation's behalf.

**Cecil D. Bykerk, FSA, MAAA, FCA, HonFIA**  
President  
CDBykerk Consulting, LLC



"The actuarial profession has so much that it can add to society and the Foundation is an ideal vehicle for developing and presenting solutions to and information for social issues. As a former Foundation Board member and past Chair, I am extremely pleased to be able to rejoin something that has been a passion for me. I proudly wear my Foundation pin every day on my suit. It is amazing how many people ask me about the pin and I am always ready with good words about the Foundation."

**Robert V. Deutsch, FCAS, ASA, MAAA**  
Managing Director  
GCP Capital Partners



"The Actuarial Foundation plays an important role in educating people ranging from students to senior citizens. There is no doubt in my mind that this country's financial situation

needs actuarial input to develop comprehensive solutions. It is a privilege for me to serve the Foundation and support its worthy goals."

**Maureen L. Hager, Ed. D**  
Retired Superintendent of Schools  
North Shore School District 112



"It is an honor to be a part of The Actuarial Foundation's efforts to address youth and consumer education. As an educator of 38 years, I know firsthand the power

of investing in a financially literate society. The first step is to convince children that they are mathematically capable; that math is fun and makes a difference in their lives - today and in the future."

**Warren R. Luckner, FSA, MAAA**  
David P. Hayes Memorial Chair In  
Actuarial Science and Director  
of Actuarial Science Program  
University of Nebraska-Lincoln



"A hallmark of any profession is its responsibility to serve the public interest. The Actuarial Foundation, through its variety of youth, consumer education, and research programs, has proven to be very effective in fulfilling that responsibility. I am honored to have the opportunity to be part of that ongoing effort."

**Steven I. Schreiber, FSA, MAAA**  
Consulting Actuary  
Milliman, Inc.



"The actuarial profession has been very good to me, and I view my work as a Foundation Trustee as an opportunity to give back to the profession. I strongly support the Foundation's mission, especially its focus on student education and consumer education."

**Michelle D. Smith, FSA, FIAA, MAAA**  
Vice President  
Goldman Sachs & Company



"Given the need for more widespread financial education throughout the country, I see the actuarial profession as uniquely positioned to provide a valuable contribution in this area. Having followed the youth education accomplishments of The Actuarial Foundation for quite some time and with a desire to help in the consumer education initiatives, I am delighted to join the Board of Trustees."

**Dale H. Yamamoto, FSA, FCA, MAAA, EA**  
President  
Red Quill Consulting



"The Actuarial Foundation has stepped up its commitment to both further our profession through research and to utilize the talents of actuaries to enhance the education of tomorrow's leaders. I am honored to serve as a Foundation Trustee to help further these efforts in these times of very difficult financial conditions when our collective knowledge is needed more than ever by the public."

## In Memory of:

The Foundation received many gifts in 2009 in remembrance of the following individuals. Our thoughts are with their family, friends and colleagues:

Mary H. Adams, FCA, ASA, IAA, MAAA, EA

Preston C. Bassett, FSA, FCA, IAA, MAAA

Robert W. Butcher, FSA

Yuan Chang, FSA, EA, MAAA, IAA

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Hubert B. Mueller, FSA, MAAA, IAA

Cecil J. Nesbitt, FSA, MAAA

Neil A. Parmenter, FSA, FCA, MAAA, EA, IAIAA

Marjory Robertson

Brian S. Sann, FSA, IAA

David Simpson

# Preparing for Tomorrow's Possibilities *Through Education*

Corporate partnerships have helped fund many of the Foundation's youth, consumer and research initiatives. Thanks to all of the organizations below whose support of our mission over the last year has made so much of our work possible.

*Corporate sponsors from 04/01/09-04/30/10.*

## **ARCHITECT LEVEL \$50,000 +** OdysseyRe Foundation

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### **5 YEAR GOLD STAR RECOGNITION**

The companies listed with a gold star have made annual corporate contributions to The Actuarial Foundation in each of the last five years.

We thank you for your ongoing support!



#### **The Actuarial Foundation**

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