Midwestern Actuarial Forum Presentation



Preparing for tomorrows possibilities through education

Consumer Education

Who's helping both of them plan retirement? Actually...

Actuaries

Yes, actuaries are helping consumers make informed decisions about retirement and many other important life questions:

- · Now that I know my sources of retirement income, what are my needs?
- Do I have enough insurance if my home is destroyed by natural disaster?
- What could happen to my personal finances if I become disabled?





Your donation to The Actuarial Foundation produces easy-to-understand materials consumers can use to chart a more stable, predictable course no matter what curves life throws. Our volunteers and partners have created materials that offer different life-stage scenarios readers can identify with to develop prudent financial goals and plans and anticipate often unforeseen financial pitfalls.

Your financial support enables the Foundation to offer this expertise to the general public, Spanishspeaking audiences and materials for community based workshops. In addition, our consumer education efforts have attracted the attention of the media, academic leaders and government officials.

We hope you'll agree that it's important for actuaries to use their resources and talents to give back to their profession and society. Because of the generosity of our sponsoring actuarial organizations, 100 percent of your donation goes directly to support programs and is 100 percent tax deductible.

Make a donation, download our consumer information materials and learn more at www.actuarialfoundation.org.



475 N. Martingale Road, Suite 600 • Schaumburg, IL 60173-2226 phone: 847.706.3535 • web: actuarialfoundation.org

Consumer Education Materials

- Don't Run with Your Retirement Money
- Money Matters: Financial Consumer Tip Sheets
- Taking the Mystery out of Retirement Planning
- Seven Life-Defining Financial Decisions
- If Disaster Strikes, Will You be Covered ?
- Making Your Money Last for a Lifetime
- Disability Insurance: A Missing Piece of the Financial Security Puzzle



Research & Actuarial Education

Actuarial Science is not Rocket Science.

IT'S MORE COMPLICATED.

Actuaries might not send astronauts to the moon. But like rocket scientists, they are in the business of making risky endeavors more predictable.

Actuarial science involves researching variables which are constantly changing – financial risk, economic indicators, demographics, catastrophic events. Research that makes a difference doesn't happen by

chance. It's the product of hard work, partnerships with key groups and a ready pool of bright, creative minds.

Your contribution to The Actuarial Foundation supports independent research that tackles today's most relevant topics:

- Can Social Security afford the Baby Boomer retirement wave?
- What's the most appropriate way to fund public pension plans?
- Do health care co-payments and deductibles improve preventive care and affect long-run health insurance claims?
- What is the financial impact of natural disasters?

Research Support

By supporting the groundwork for textbooks, symposia and publications, The Actuarial Foundation helps actuaries build stronger relationships with the academic community and reach a broader audience.



Supporting Actuaries, Present and Future

Your donation to The Actuarial Foundation helps fund scholarships, awards and prizes recognizing the exemplary work of students and professionals in advancing actuarial science. Scholarships for deserving students range from \$1,000 to \$7,500. The Foundation recognizes actuaries' accomplishments for research that furthers knowledge about actuarial science, employee benefits, enterprise risk management and promotes public awareness of financial risk with awards from \$1,000 to \$5,000.

Because of the generosity of our sponsoring actuarial organizations, 100 percent of your donation goes directly to support programs and is 100 percent tax deductible.

You Can Make a Difference

Make a donation, learn more about Foundation-funded research or award opportunities by visiting The Foundation's Web site, www.actuarialfoundation.org.



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Research & Actuarial Education

• Funding the future of actuarial research:

- Individual Grants Competition
- Briefs, Symposiums, textbooks.....

Sponsoring tomorrow's actuaries with scholarship opportunities:

- John Culver Wooddy Scholarship
- Actuary of Tomorrow Stuart A. Robertson Memorial Scholarship
- Actuarial Diversity Scholarship

Awards and Prizes:

- ERM Best Paper Award
- David Garrick Halmstad Prize
- John Hanson Memorial Prize
- Wynn Kent Public Communication Award



The headlines prove it

U.S. math scores don't stack up to the rest of the world...



U.S. Scores Grim — The Atlanta Journal 12/10/2007

SAT Scores in Math Fall in MD – Drop Among Steepest in Nation — Baltimore Sun 3/3/2008

Top-Achieving Nations Beat U.S. States in Math and Science — Education Week 11/13/2007

Math Scores Disappoint — The Times 2/28/2008

U.S. Math Scores Fail to Add Up — Oakland Tribune 11/7/2006

U.S. Teens Trail Peers Around World on Math-Science Test

– Washington Post 12/5/2007

Other Countries' Students Surpass U.S.'s on Tests

- The New York Times (AP) 12/5/2007

U.S. Teens Still Lag Behind in Science and Math

— MSNBC/Associated Press 12/4/2007

Because Actuaries Act,

He didn't used to be, but Adam's excited now about eighth grade math. He's using probabilities to predict storm damage and graphing how much he recycles. He feels smart, because he is.

Thanks to you, The Actuarial Foundation has **reached more than 2 million children** like Adam in their classrooms across the country. Our award-winning math enhancement programs strengthen math lessons with real-life, relevant scenarios that get students excited about applying the math learned.

Why actuaries?

It is important that actuaries use their resources and talents to give back to their profession and society. By opening a child's mind to new ideas, you can create the kind of excitement that really inspires a student to learn, understand and achieve. Students like Adam will know what actuaries do because of these math programs provided directly to teachers throughout the U.S. and through the volunteer spirit of actuaries in mentoring programs in schools near where actuaries work and live.

Adam is Ready to Answer



Why donate? Eighth grade students like Adam aren't just falling behind, they're falling off the map — ranking 26th out of 29 industrialized nations in math achievement scores. Actuaries like you are working to change that.

How much of your donation goes to the students? A \$100 donation provides math supplement materials to 385 students in grades six to eight. Do the math! That is just 26 cents a student, a fraction of the cost of a soft drink. Because of the generosity of our sponsoring actuarial organizations, 100% of your donation goes directly to programs and is 100% tax deductible.

Does Adam know he's closing the math knowledge gap? Will he become an actuary someday? Time will tell. *But in the meantime, he's learning.*

Make a donation, sign up as a volunteer mentor, download our programs and learn more at www.actuarialfoundation.org.



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Library of Resources



Get Involved Today!

- <u>Volunteer</u> in a school program or become active in one of many Foundation initiatives, committees or volunteer to write or review background papers for Consumer Education.
- Introduce the many resource materials available to your community, both student and/or adult education.
- <u>Get to know</u> your Foundation by visiting our Web site often for program updates success stories and new initiatives.

Become a Donor Today

Your gifts are an investment in both the public interest and the actuarial profession for today and in preparing for tomorrow's possibilities.

PLEASE JOIN US IN MAKING A DIFFERENCE!

- 1. Call the Foundation for donor information.
- 2. Give online at the Foundation's secure Web site: http://www.actuarialfoundation.org/donor/donor.htm
- 3. Have your contributions matched through your employers' Matching Gift Program.

The Actuarial Foundation

FOR MORE INFORMATION -CONTACT

847.706.3535 www.ActuarialFoundation.org

THANK YOU