

Leveraging Technology In Pension Education

Presented by NPEA's
Professional Development
Committee



Welcome

Professional Development Committee

Presenter Introductions



Suzanne Anderson

*Duluth Teachers' Retirement Fund Association
Chair, Professional Development Committee*



John Paulson

*Information Officer 3
Public Employees Retirement
Association of Minnesota*



Sue Mosher

*Educational Program Development Manager
California State Teachers' Retirement System*



Jim Schilmoeller

*Senior Project Manager
Provaliant Retirement LLC.*



Karen Frederick

*Business Development Director
Sagitec Solutions*



Michael Pratt

*Account Representative
Levi, Ray & Shoup*



2800 BC



800 AD



1455

1500

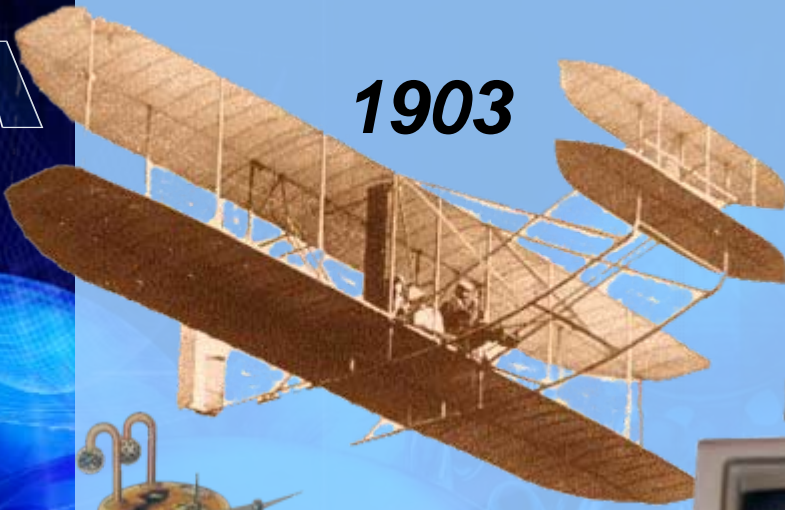


1000 BC



1050

1903



1876



1776

1981



1944



1851

Where are we today?



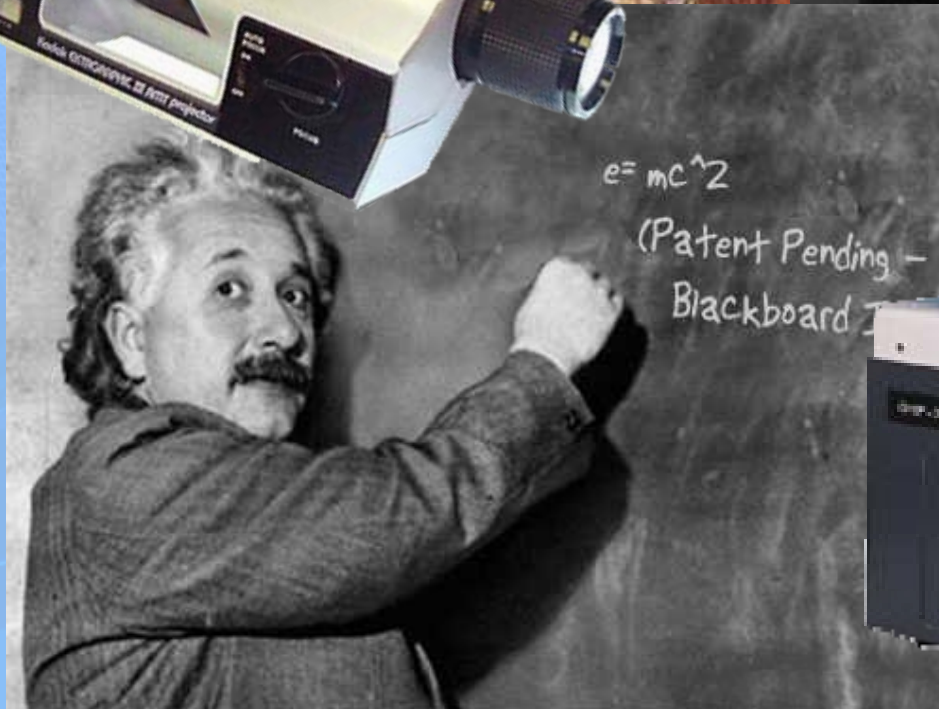
- Listen to and store music
- Take and store photos
- Watch movies
- Surf the Internet
- e-mail
- Text Message
- Make a call



Presentation Tools

John Paulson

*Public Employees Retirement
Association of Minnesota*





1993

InFocus LP550LS

MSRP	\$9,749
Brightness	130 Lumens
Weight	22.0 lbs.
Resolution	640 x 480 Pixels
Lamp Life	50 hours

InFocus IN10

MSRP	\$1,249
Brightness	1,800 Lumens
Weight	2.4 lbs.
Resolution	1024 x 768 Pixels
Lamp Life	4,000 hours

2007





Resolution

VGA (640 x 480 Pixels)

SVGA (800 x 600 pixels)

XGA (1024 x 768 pixels)

SXGA (1280 x 1024 pixels)

UXGA (1600 x 1200 pixels)

Wide Screen Resolution

WXGA (1366 x 768 pixels)

WSXGA (1680 x 1050 pixels)

WUXGA (1920 x 1200 pixels)



Lumen

Abbr. lm) *Physics.* The unit of luminous flux in the International System, equal to the amount of light given out through a solid angle by a source of one candela intensity radiating equally in all directions.

A wax candle generates 13 lumens;
a 100 watt bulb generates 1,200 lumens.

Light Output

1000-2000 lumens	normal office or classroom
2000-3000 lumens	large conference rooms and classrooms
4000 and up	lecture hall/theater

The price of being “cutting edge”



Sanyo
PLC-UF15

UXGA (1600 x 1200 pixels)

\$29,000

Sanyo
PLC-XF47

15,000 lumens

\$30,000



The price of being “cutting edge”



HD DVD
or
Blue-ray



A couple “must haves”

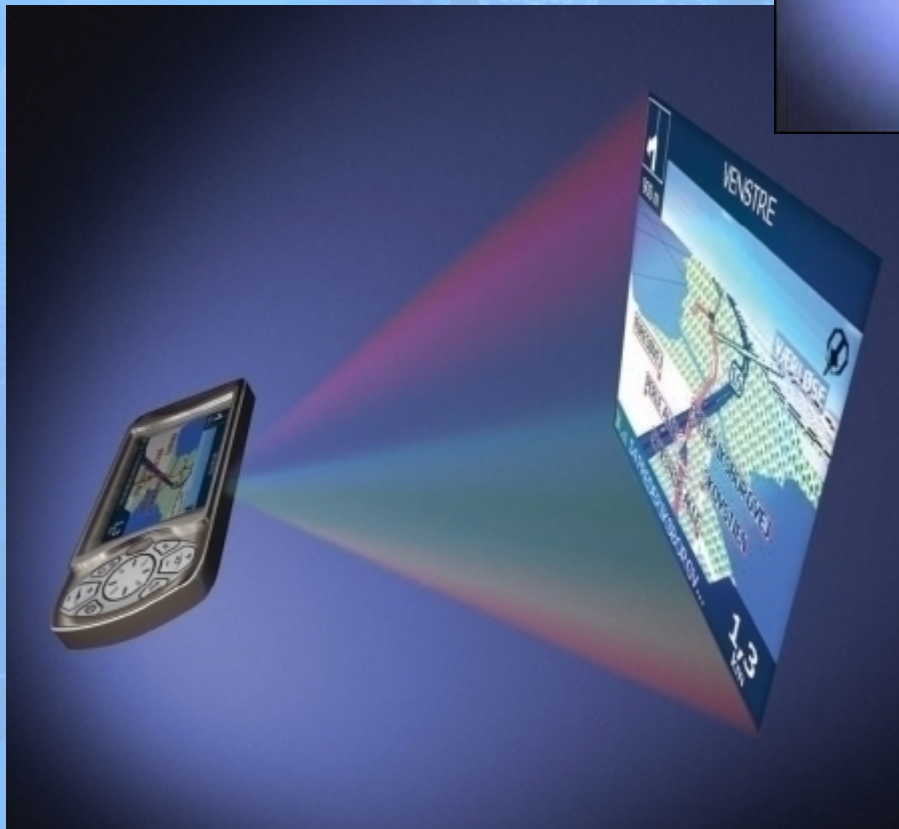
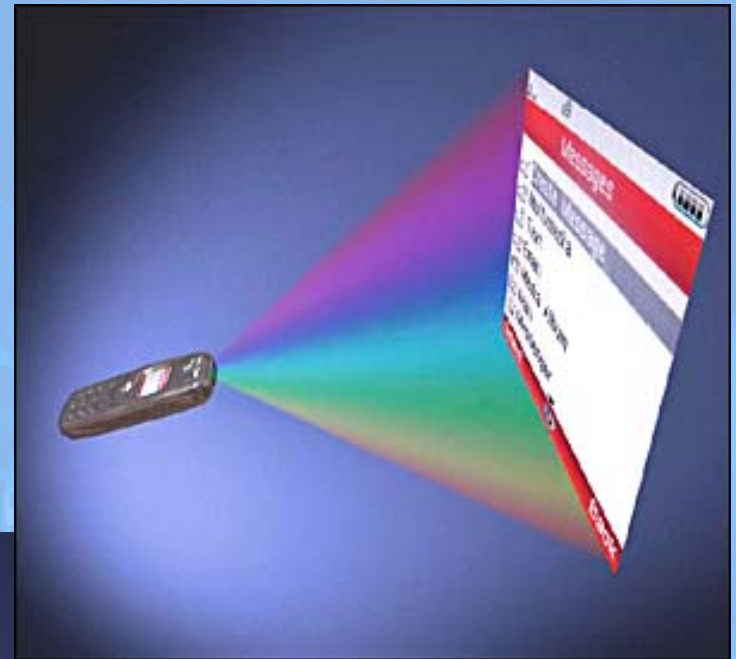


USB
Memory
Stick
(flash memory)

Presenter



The next step



ILJIN Display has developed an ultra small LCD panel for projecting images from a mobile device to a wall or screen. Samsung and LG will have phones and PDAs with the technology next year.

The next step

Using light emitting diodes, Sony has developed the world's smallest LED projector. The projector has a resolution of 800 x 600. A total of 14 LEDs are used, including four red, four blue and six green. The brightness of the LEDs reaches 50 lumens. The power consumption required for the unit is 30 Watts.

SVGA Resolution

1/3 the power of
the old LP550



So much for being seen,
what about being heard?





Not there yet . . .





. . . but close





Web-Based Tools for Training Members

Sue Mosher

California State Teachers' Retirement System



To reach the future learner ...

THINK VISUALLY – they do

KEEP THE PACE

FOCUS ON OUTCOMES

MAKE IT FUN

MAKE IT RELEVANT

USE A VARIETY OF APPROACHES

PROVIDE IMMEDIACY

Change the delivery



Web-Based Tools

Podcasts

Blogs

Second Life



a digital media file, or a series of such files, distributed over the Internet using syndication feeds for playback on portable media players and personal computers. The term, like "radio", can refer either to the content itself or to the method by which it is syndicated; the latter is called podcasting.



iPodPodcast



SEARCH:

Title & Description



SEARCH

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Teach and Retire Rich

[Home](#) > Teach and Retire Rich[rss](#)

24 Episodes

1. Teach and Retire Rich Episode 2 [play](#)

Podcast Date: Oct 3, 2006 19:00:00

2. Teach and Retire Rich Episode 1 [play](#)

Podcast Date: Sep 5, 2006 19:00:00

[web](#)[rss](#)

HOST

Dan Otter

DESCRIPTION

Teacher Dan Otter discusses concepts from his book Teach and Retire Rich, which details how educators and other school employees can take advantage of the unique wealth building tools at their disposal.

LOCATION

UNKNOWN

LANGUAGE

English



View

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PLAYLISTS



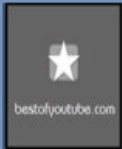












- Party Shuffle
- 90's Music
- Music Videos
- My Top Rated
- Rap/R&B
- Recently Added
- Recently Played
- Sunday Morning Jazz
- Top 25 Most Played
- Euge Groove - Jus...
- i know him so well
- Jon Merriman

Now Playing

Nothing
Playing

Podcasts Today's Top Podcasts

TODAY'S TOP PODCASTS

- | | | |
|--|---|---|
| 1.  This American Life
Chicago Public Radio
Category: Society & Culture
Free SUBSCRIBE | 2.  NPR: Fresh Air
National Public Radio
Category: Society & Culture
Free SUBSCRIBE | 3.  Best of YouTube (Ipod v...)
Plankton Productions
Category: Comedy
Free SUBSCRIBE |
| 4.  60 Minutes Podcast - T...
CBS
Category: News & Politics
Free SUBSCRIBE | 5.  Savage Love Po... EXPLICIT
Dan Savage
Category: Sexuality
Free SUBSCRIBE | 6.  Crank That Duffle Bag Boiz
Duffle Bag Boiz
Category: Music
Free SUBSCRIBE |
| 7.  Comedy Central: Stand...
Comedy Central
Category: Comedy
Free SUBSCRIBE | 8.  NPR: Car Talk
Tom and Ray Magliozzi
Category: Performing Arts
Free SUBSCRIBE | 9.  NPR: Wait Wait... Don't ...
National Public Radio
Category: Games & Hobbies
Free SUBSCRIBE |
| 10.  ESPN: PTI
ESPN
Category: Sports & Recreation
Free SUBSCRIBE | 11.  NPR: Talk of the Nation
National Public Radio
Category: News & Politics
Free SUBSCRIBE | 12.  Real Time with... EXPLICIT
HBO
Category: News & Politics
Free SUBSCRIBE |
| 13.  Learn Spanish with Cof...
Radio Lingua Network
Category: Language Courses
Free SUBSCRIBE | 14.  Onion News Network ...
The Onion
Category: Comedy
Free SUBSCRIBE | 15.  Crank That Mixtape EXPLICIT
Duffle Bag Boiz
Category: Music
Free SUBSCRIBE |





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MONEY (\$) **GUY.com**

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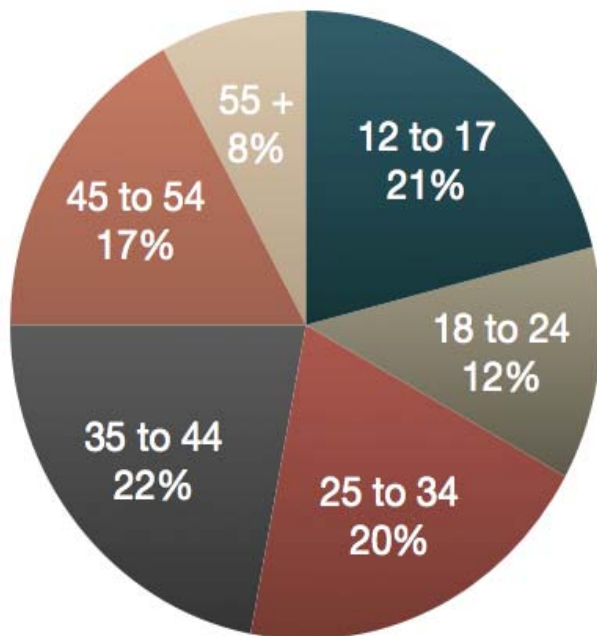
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[Act Rich and Protect Yourself from a Down Market](#)

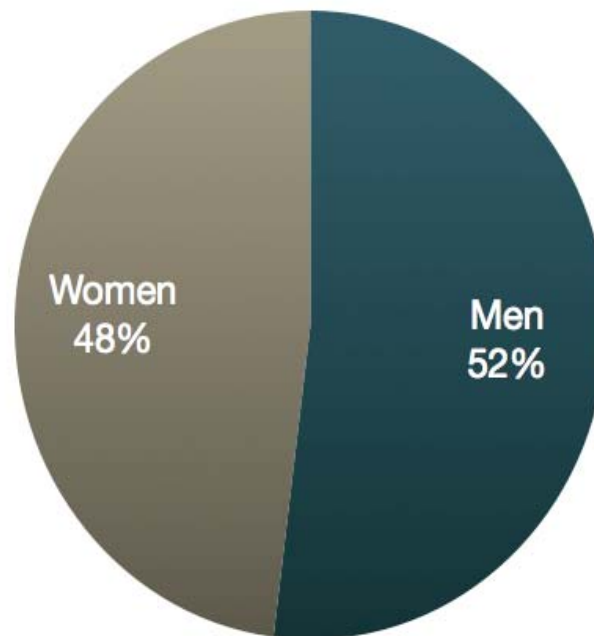
[Attn. Small Business Owners... A Legal Way to hide money from the Tax Ma](#) ▼

Demographics of the Podcast Consumer

Age



Sex



Base: Have Ever Listened to a Podcast

Podcasts

Power of the human voice in a world drowning in email

People retain what they hear more than what they read.

Portability for anytime, anywhere access

Bring dead time alive

Feel personal, presenting a more engaging image

104 million mp3 players will be sold by 2009



a regularly updated journal published on the web that allow individuals outside or inside an organization to share their opinions, views and insights with the world, commonly displayed in reverse chronological order.

"Blog" is also used as a verb.



Weblogg

My Retirement Blog

Retire happy, healthy and wise.

[Home](#)[About](#)[Contact Me](#)

Ben Stein Advocates Variable Annuities

September 5th, 2007 | Published in [Annuities](#) | [2 Comments](#)

In his latest "How Not To Ruin Your Life" article, Ben Stein warns that eventually there will be a market correction that is based on fundamentals and not on emotion, like the latest little market dip, and that those close to retirement should consider variable annuities as a hedge against this. The younger and middle aged investor shouldn't worry, and I agree, because we have the one asset capable of weathering the storm - time. For the near retiree or retiree, a variable annuity puts the risk of a stock market fall on the shoulders of the insurer that sells the annuities and off yours.

A variable annuity is an investment that guarantees a specific withdrawal each and every month for life and the insurer generally invests but it comes at a cost, warns Stein. The benefit of the annuity, besides the financial, lies in the fact that it also gives you peace of mind. Having part of your retirement assets in a variable annuity can guarantee a minimum amount each and every month and can act as a nice starting point for the rest of your assets to add to, plus in a market correction you are still guaranteed that minimum amount despite the performance of your portfolio.

To read more about what Ben Stein's talking about, check out his latest article titled [Anticipating All the Retirement Variables](#).

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THE Retirement Plan Blog

Information and Insight for Retirement Plan Sponsors and Their Advisors

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TANSTAAFL, seniors, and the SEC

09 | 12 | 2007

Posted By Jerry Kalish



TANSTAAFL is an acronym for the adage "There Ain't No Such Thing As A Free Lunch". It was popularized by the Nobel economist Milton Friedman, but the phrase, "free lunch", has its antecedents in American literature from about 1870 through 1920. The phrase refers to a tradition once common in saloons in many places in the United States. These

establishments offered "free" lunches, varying from the basic to the quite extensive, but required the patron to buy at least one drink who usually went on to order more. In other words, free things often have hidden costs.

The SEC and other security regulators also think TANSTAAFL. They held a Seniors Summit yesterday at the Securities and Exchange Commission during which they released a joint report summarizing the



Chevy Cobalt SS

GM's FastLane blog is a forum for GM executives to talk about GM's current and future products and services, although non-executives sometimes appear here to discuss the development and design of important products. On occasion, FastLane can be utilized to discuss other important issues facing the company.

We like [Charlene Li's blogger code of ethics](#) and have adapted it for gmblogs.com.

Blogger Policy

1. We will tell the truth. We will acknowledge and correct any mistakes promptly.
2. We will not delete comments unless they are spam, off-topic, or defamatory.
3. We will reply to comments when appropriate as promptly as possible.
4. We will link to online references and original source materials directly
5. We will disagree with other opinions respectfully.

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MY YAHOO!

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newsgator

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Auto Shows

Bob Lutz

Blogs

Allow millions to share ideas and millions more to read and respond

Engage the writer and reader in an open conversation

Frequently link to and comment on other blogs

Create opportunities for learning “on demand” anytime and anywhere

Source: Technorati

Currently tracking 108.8 million blogs



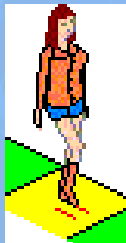
PATHFINDER'S
FOR NEW RESIDE

Click here for cool exp





an Internet-based virtual world launched in 2003, developed by Linden Research, Inc. Its users, called "Residents," interact with each other through motional avatars, providing an advanced level of a social network service combined with general aspects of a metaverse. Residents can explore, meet other Residents, socialize, participate in individual and group activities, create and trade items (virtual property) and services from one another.



[WHAT IS SECOND LIFE?](#) | [SHOWCASE](#) | [COMMUNITY](#) | [BLOG](#) | [SUPPORT](#)

Sign Up Now

Membership is FREE



[System Requirements](#)



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SELL L\$



GET VIRTUAL LAND

Hot Spots

- Find your friends online
- Search for events
- Listen to new music
- Shop the latest fashions
- See Second Life videos



Second Life is a 3D online digital world imagined and created by its residents

[Online Now:](#) 36,862

[US\\$ Spent Last 24h:](#) 218,203



A resource offering tools and support for 3D content creation in these areas:

- Business
- Development
- Education & Nonprofit
- Open Source



Second Life: Special Offers



Video Tutorials

Land Auctions

Bid on land for your own dream house, business, or island!

Land allows you to build, display and store your virtual creations.







Second Life

Takes online interaction and collaboration to unprecedented levels

Breaks down hierarchies, eliminates geographic boundaries

Replaces videoconferencing and webinars

Provides learning organizations with a powerful, unique ability to engage and empower employees

Accommodates employees' digital/ mobile lifestyles

Encourages collaboration

Gartner: *80 percent of active Internet users will be participating in non-gaming virtual worlds, such as Second Life, by end of 2011.*



Are you
ready to
bring these
tools to
your
members?