



# **IEEE FOUNDATION**

## **Cultivating Relationships And Resources For the Benefit of Humanity**

**Region 2**

**March 1, 2008**

**Dick Gowen, Foundation President**



**IEEE FOUNDATION**

# Mission

## The IEEE Foundation

**cultivates relationships and resources**

**to advance IEEE's core purpose**

***to foster technological innovation and  
excellence***

***for the benefit of humanity***

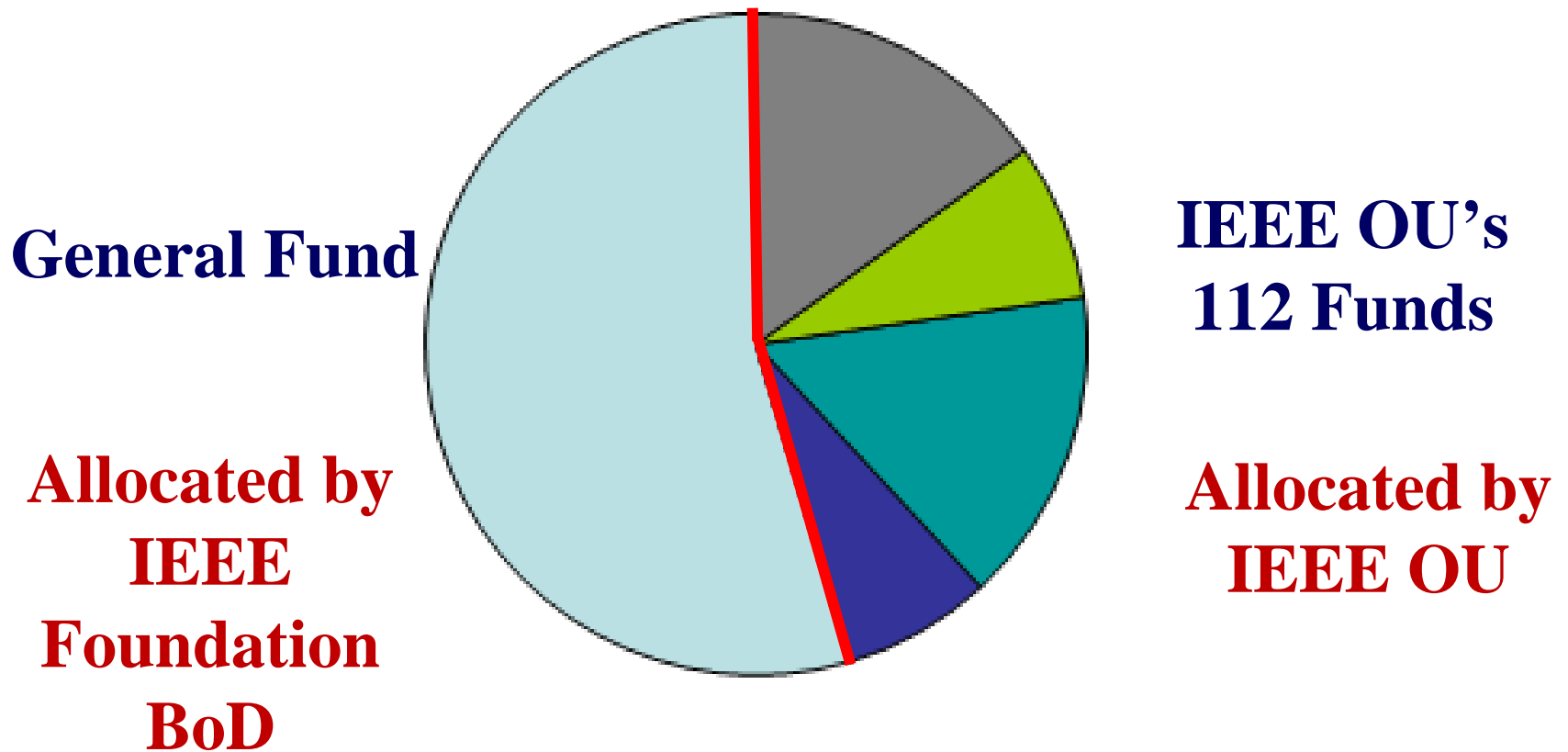
# Mission



# IEEE Foundation

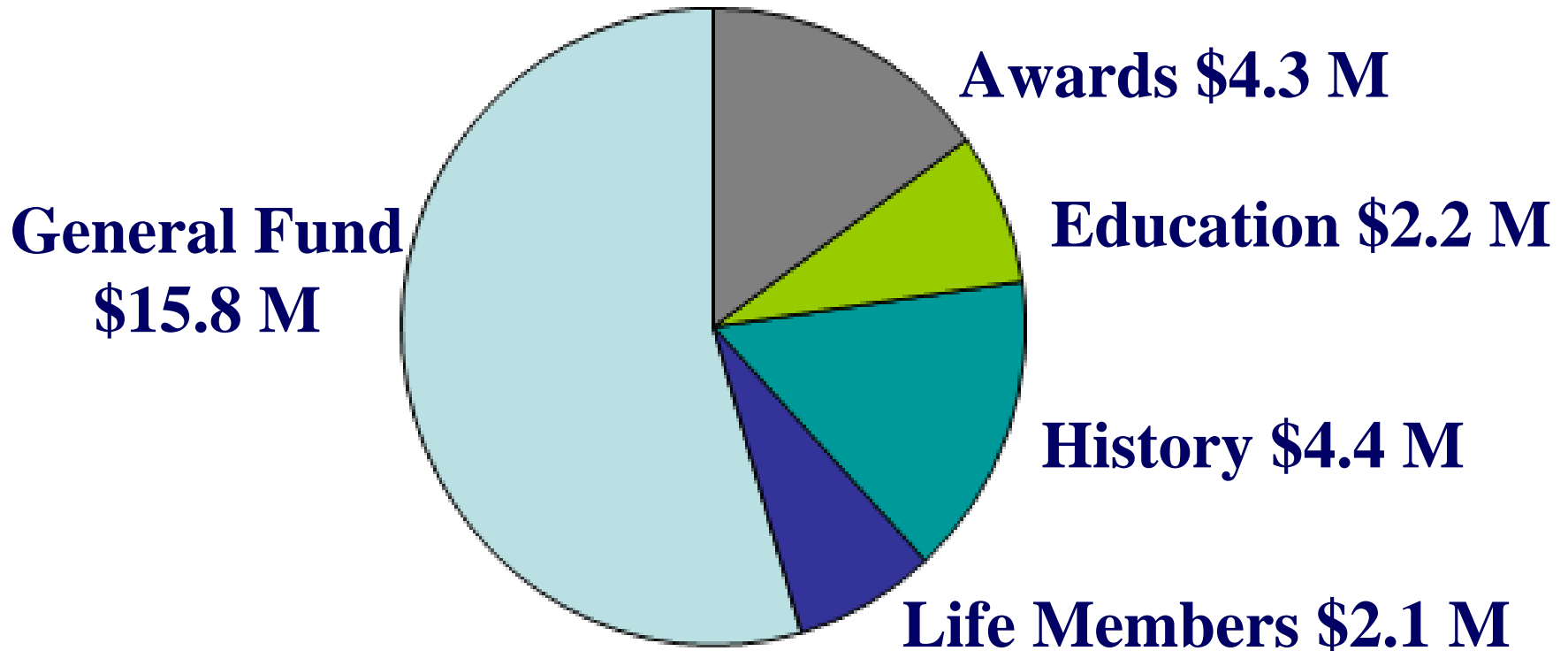
- **Established by IEEE 1973**
  - **Cultivate and administer donations**
  - **Assure compliance with the intent of the donor and the requirements of the IRS**
- **Board of 11 Directors (includes regions 7-10)**
  - **Oversight for \$29 M donations**
    - **Foundation general fund      \$16 M**
    - **IEEE OU's – 112 accounts      \$13 M**

# IEEE Foundation Funds



# IEEE Foundation Funds

**IEEE OU's 112 Funds  
\$13 M**



# Partnership with IEEE

- **IEEE Foundation has provided donor support to augment IEEE funding for:**
  - **Awards Board**
  - **Honors Ceremony**
  - **History Center**
  - **Development Office**
  - **Foundation Administration**

# Partnership with IEEE

- **Effective 2008, IEEE changed the source of the IEEE funding:**
  - **Previously: from Infrastructure**
  - **Now: it is part of the spending rule**
- **IEEE Foundation provides funding for the operations**
- **IEEE appoints members and approves Awards and History activities**

# Cultivate Relationships

- **Develop relationships with donors and potential corporate partners to identify their interests**
- **Match innovative activities of IEEE OU's with donors and corporate partners**
- **Foster relationships with the leadership of sections and societies to develop philanthropic activities:**
  - **That respond to the interests of members**
  - **That resonate with donor and corporate interests**

# Cultivate Relationships

- **Encourage humanitarian technological activities that benefit humanity**
- **IEEE-UN: Humanitarian Technology Challenge –**
  - **Identify technologies to provide greater effectiveness in responding to disasters and improve the delivery of health care**
- **UN Foundation, Vodafone, IEEE, IEEE Foundation**
- ***Potential IBM India Research WWTW***

# Cultivate Resources

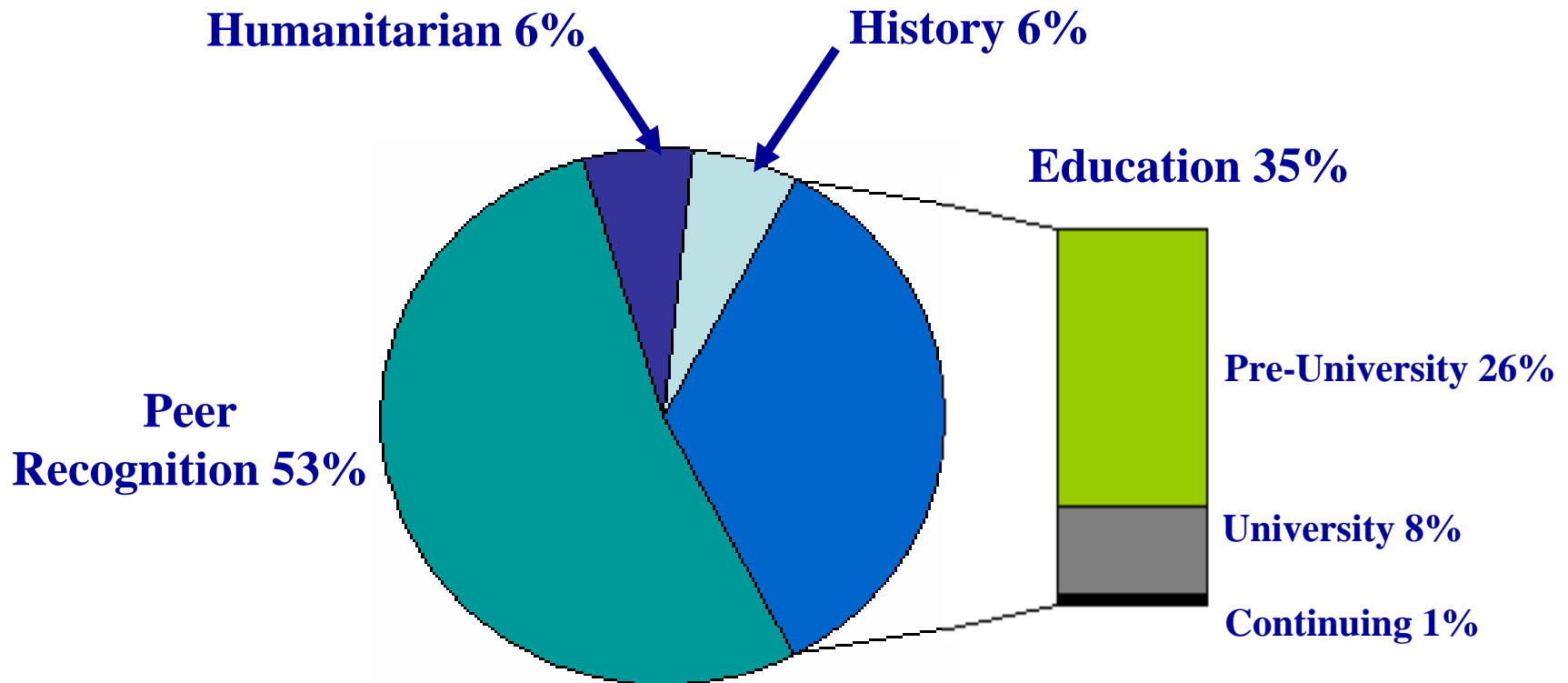
## Cash Revenue

in millions

	2006	2007
• Donations	\$1.5	\$2.3
• Investments	\$1.3	\$2.5
• IEEE Contribution	<u>\$.6</u>	<u>\$.6</u>
• Total Cash Revenue	\$3.4	\$5.4
• Total Expenditures	<u>\$2.7</u>	<u>\$2.9</u>
• Change in Balance	\$1.6	\$1.7

# Allocations to IEEE Programs

2007



# Awards and Honors

**IEEE celebrates and recognizes scientific and engineering excellence through the presentation of peer reviewed awards.**



- Awards Board
- Medal of Honor, Founders, Haraden Pratt Award
- Honors Ceremony
- Develop New Awards

# Awards and Honors

**IEEE celebrates and recognizes scientific and engineering excellence through the presentation of peer reviewed awards.**



- Awards Board
- Medal of Honor, Founders, Haraden Pratt Award
- Honors Ceremony
- Develop New Awards

# Awards and Honors

IEEE celebrates and recognizes scientific and engineering excellence through the presentation of peer reviewed awards.



ders,

# History Activities

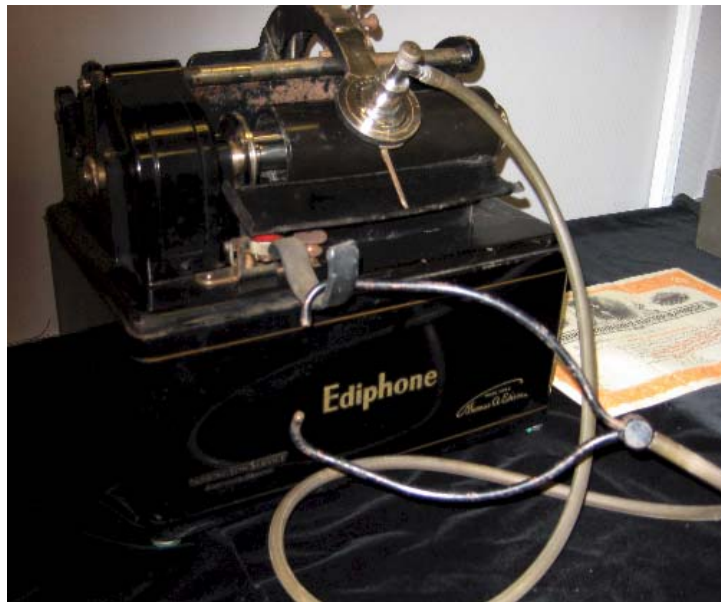
Recognize the proud legacy of the technological developments and people that have changed the world



- Milestones
- History Center
- Conference History Sessions
- Global History Network

# History Activities

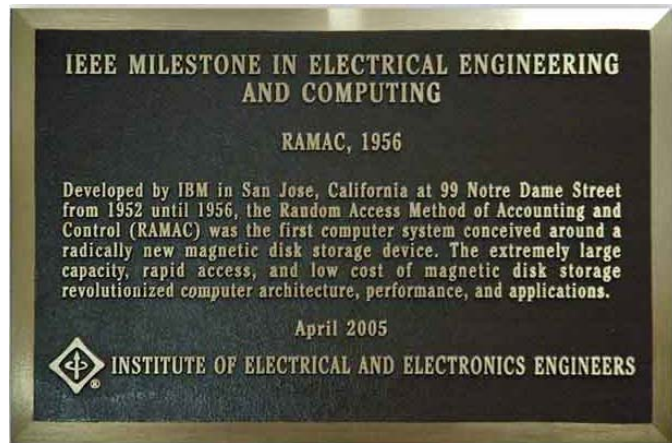
Recognize the proud legacy of the technological developments and people that have changed the world



- **Milestones**
- **History Center**
- **Conference History Sessions**
- **Global History Network**

# History Activities

Recognize the proud legacy of the technological developments and people that have changed the world



- Milestones
- History Center
- Conference History Sessions
- Global History Network

# IEEE Global History Network

- Provide the premier global network of the history of electrotechnology
- Record how the IEEE achieves its core purposes
- Provide both current and historical content through the IEEE-IBM Wiki including:
  - Experiences of Individuals
  - Experiences of corporations and organizations
  - Available at Sections Congress

# Educational Programs

Ensure that the brightest and most capable young minds have the resources they need to prepare for technologically- oriented careers



- Educational Programs
- Scholarship and Fellowships-IEEE Units
- Student Travel Grants - Life Members Fund

# Support IEEE OU's

- **MTT-S Distinguished Lecturer on Maxwell donated \$100,000 with match from MTT-S**
- **Preservation of Glenlair – Provide memorial at the site of Maxwell treatise**
- **Fire in 1929, need to stabilize and cap walls and provide small museum**
- **IEEE ExCom approved the MTT-S donation and donor initial payment received**
- **IEEE Foundation provide oversight of project to accomplish intent of donations**

# Support IEEE OU's



**The MAXWELL at GLENLAIR  
TRUST**

**Maxwell  
from MTT-S  
e memorial at**

**l cap walls and**

**donation and  
d**

**ht of project to  
S**

**FOUNDATION**

# Support IEEE OU's

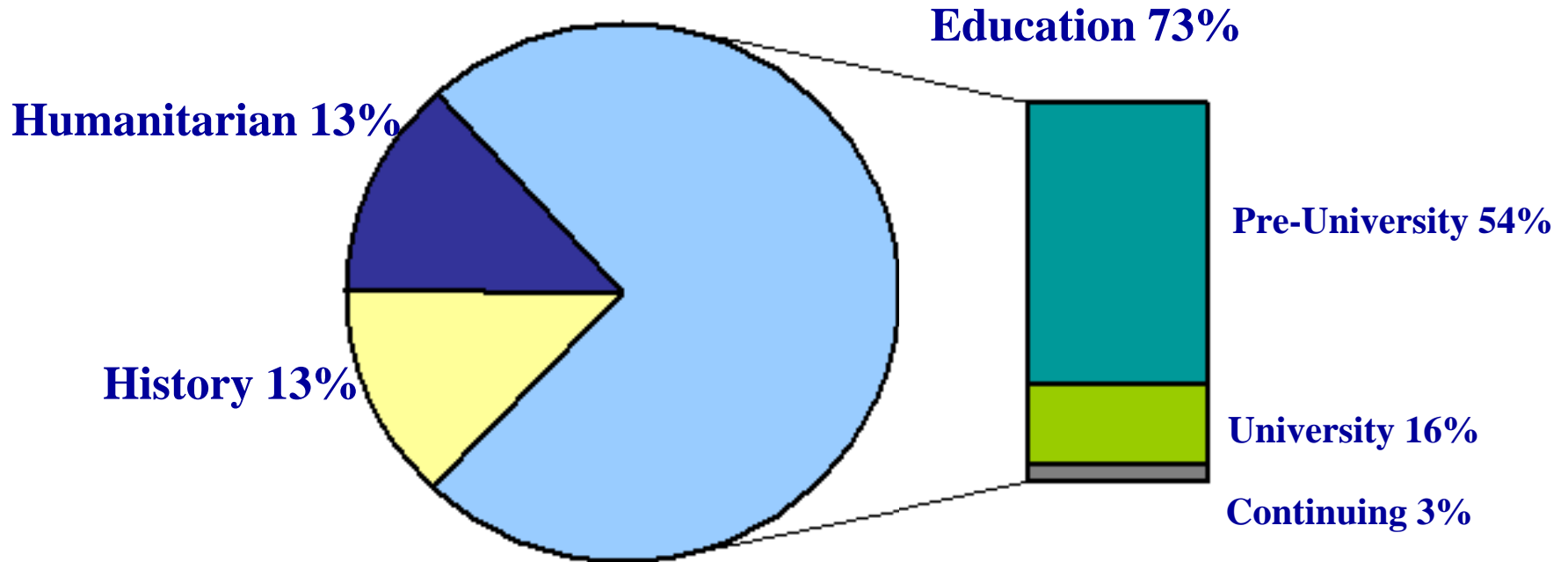
- MTT-S  
don



06/29/2007

# IEEE Foundation Project Grants

2007; 21 Awards; \$299,871



# IEEE Life Members Fund

\$2.1 Million

- Award grants to student projects and travel
- Support history activities
- In 2007, the LMC expanded its donor recognition program to include LM Pin and Coaster



# Project Grants

2003-2007

## Distribution of grants by award

- **IEEE units** 27%
- **IEEE services and innovation** 42%
- **External; member participation** 18%
- **External; related groups** 14%
- **Direct Public Benefit** 32%

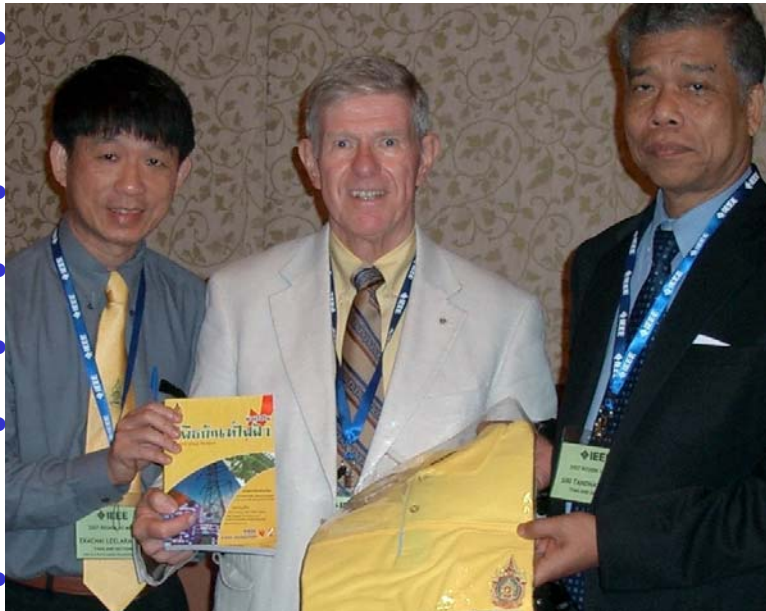
# Sample Project Grants

2003-2007

- **Biomedical Engineering Road Show for  
Middle Schools** **\$10,000.00**
- **Intergenerational Workforce Project** **\$ 5,000.00**
- **ICL2006 IEEE Student Track** **\$ 4,000.00**
- **Tesla – Never Ending Story** **\$ 9,550.00**
- **The 2007 Pre-University Engineering Education  
Summit** **\$30,000.00**
- **Electrical Engineering Students National Meeting** **\$15,000.00**
- **A Thai Book about the IEEE Virtual Museum** **\$15,000.00**
- **Active Learning of Bioinformatics Through Math  
Lab Experiments** **\$9,550.00**

# Sample Project Grants

2003-2007



Show for

\$10,000.00

Project

\$ 5,000.00

\$ 4,000.00

\$ 9,550.00

Engineering Education

\$30,000.00

IEEE National Meeting

\$15,000.00

• **A Thai Book about the IEEE Virtual Museum** **\$15,000.00**

• **Active Learning of Bioinformatics Through Math**

**Lab Experiments**

**\$9,550.00**

# Sample Project Grants

2003-2007

- **Biomedical Engineering Road Show for  
Middle Schools** **\$10,000.00**
- **Intergenerational Workforce Project** **\$ 5,000.00**
- **ICL2006 IEEE Student Track** **\$ 4,000.00**
- **Tesla – Never Ending Story** **\$ 9,550.00**
- **The 2007 Pre-University Engineering Education  
Summit** **\$30,000.00**
- **Electrical Engineering Students National Meeting** **\$15,000.00**
- **A Thai Book about the IEEE Virtual Museum** **\$15,000.00**
- **Active Learning of Bioinformatics Through Math  
Lab Experiments** **\$9,550.00**

# Sample Project Grants

2003-2006

- **Increased and Extended Support for the IEEE Virtual Museum** **\$20,000.00**
- **Pre-College Activities Across Organizational Units and Societies, Phases II-IV** **\$54,500.00**
- **Support for the IEEE Virtual Museum 2004/2005** **\$130,000.00**
- **Standards in Education Through Reference Guides and Case Studies** **\$37,000.00**
- **Profiles in Engineering Leadership: Eta Kappa Nu's First Century Eminent Members** **\$32,500.00**
- **Electrical Potential: Benjamin Franklin House Science Center** **\$39,254.00**

# Sample Project Grants

2003-2006

- **Proceedings of the IEEE - Digital Library Legacy  
Project 1913-1987** **\$50,000.00**
- **Support of Image Awareness Project for National  
Engineers Week 2004** **\$17,500.00**
- **History of Soviet and Russian Computing** **\$3,600.00**
- **You and the Future - A Working Retirement: Fulfilling  
Quality Lives for an Aging Population** **\$20,000.00**
- **Mainstreaming Engineers in Africa and Middle East** **\$20,000.00**
- **Weather Radar Portable Engineering Educational  
Kiosk** **\$21,280.00**
- **Amazing Light: Visions for Discovery** **\$35,000.00**

# Cultivate Relationships and Resources

- Identify IEEE humanitarian opportunities
- Assist IEEE Units with the preparation of donor and corporate project plans
- Link IEEE projects with interested donors and corporate partners
- Expand contributed funding for Regions 8-10
- **To advance IEEE core purpose to foster innovation and excellence for the benefit of humanity**

The screenshot shows the IEEE Foundation website homepage. At the top, the IEEE logo and the text "IEEE FOUNDATION" are displayed in white on a blue background. To the right, the URL "www.ieee.org" and links for "Search", "Foundation Site Map", and "Contact Us" are visible. Below this is a navigation bar with several red buttons: "About Us", "Donate Online" (highlighted with a red box), "Ways to Give", "Planned Giving", and "Grants - Apply & Report".

The main content area is titled "Technological Literacy Matters." and contains the following text:

The IEEE Foundation mission is to support the scientific and educational purposes of the IEEE. As such, we promote a global understanding of how technology is created and impacts society. To achieve our goals, the IEEE Foundation seeks charitable contributions to:

- Award grants to innovative programs
- Preserve the history of electrotechnology
- Nurture a lifelong appreciation of technological literacy
- Recognize scientific and engineering excellence

To the right of this text is an image of a glowing lightbulb with a green leaf on top. Further right is a photograph of three people in a laboratory setting, with a glowing lightbulb in the foreground. Below this photograph is a red banner with the word "EDUCATION" in white capital letters.

Below the main content area is a section titled "About the IEEE Foundation" in a red box. This section is divided into three columns:

- News:** A link to "IEEE Foundation Vice President Wins".
- Meet Our Donors:** A link to "Richard (Dick)".
- Success Stories:** A link to an unnamed success story.



# IEEE FOUNDATION

**Thank you for the opportunity to  
share information about the  
IEEE Foundation**



**Samsung Data, Korea**

