



# IEEE FOUNDATION

## Providing Support for the Philanthropic Programs of the IEEE

IEEE Region 8

April 14, 2007

**Dick** Gowen, IEEE Foundation President



IEEE FOUNDATION

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

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# IEEE Foundation

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  - **Recognize scientific and engineering excellence**

# Frequency Membership

**Members participate in activities that resonate with their interests**

- Assist in developing projects and proposals for **members**
- Support presentations to prospective donors
- Guide the administration of the resulting funding

# IEEE Foundation

- **Established by IEEE as a separate corporation**
- **Managed by**
  - **Board of 12 Directors (includes 4 trans-national Directors)**
  - **Contract with IEEE for all operating services**
- **Provide oversight for US \$27 M philanthropic assets**
  - **IEEE Units \$12 M**
  - **Foundation \$ 15 M**

# IEEE Foundation

## Summary

in thousands

	2005	2006
• Revenue	2,838	3,397
• Expenses	2,495	2,705
• Net Cash	<u>343</u>	<u>692</u>
• Unrealized Investments	<u>355</u>	<u>867</u>
• Change in Fund	<u>698</u>	<u>1,559</u>
• Ending Fund Balance	25,402	26,961

# Support IEEE Philanthropic Activities

- **Donor Designated**
  - **Awards and Honors**
  - **Education**
  - **History**
- **Foundation Grants**
  - **New Initiatives**
  - **Public Service**



# Philanthropic Activities

## Awards and Honors

### Peer Recognition of Scientific and Engineering Excellence

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



# Philanthropic Activities

**Educational Programs,  
Scholarship, Fellowships, and  
Student Travel Grants Funds**

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

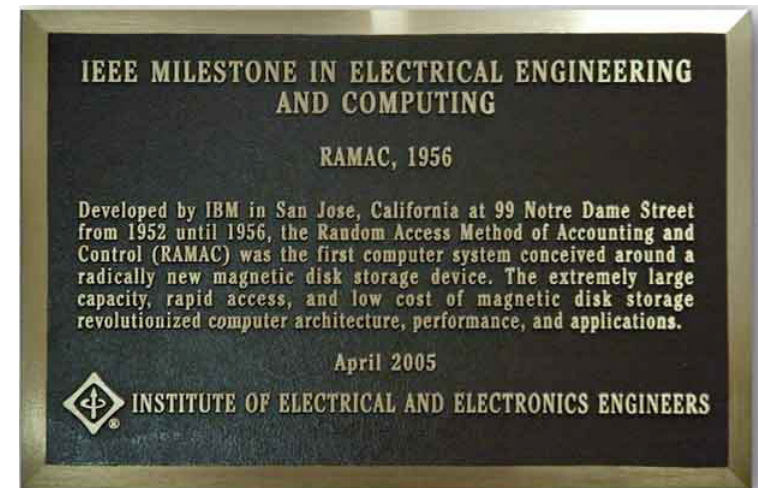
# Philanthropic Activities

## Historical Preservation – IEEE History Activities and the History Center

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**Support for Milestones,  
Research, Contributed  
Histories, and Virtual  
Museum**

**Region History Affinity  
Groups--- Model Region 8**



# IEEE Foundation Grants

2003-2006

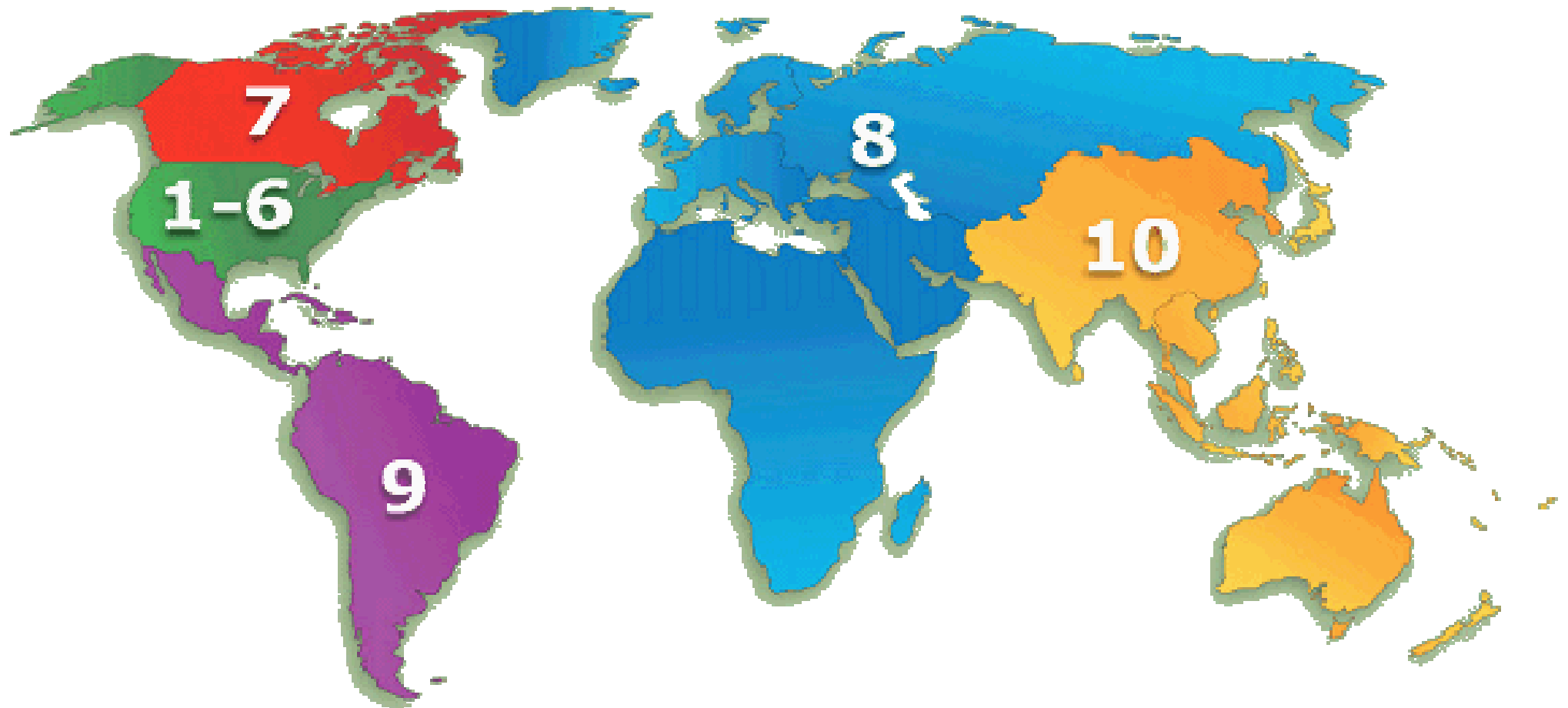
- **Grant Applications**
  - **Applications: 148    Funded: 46    31%**
- **Funding by IEEE Foundation Board \$ 888 K**
- **Need More Good Applications**
  - **New Initiative Funding**
  - **Innovative Projects**
  - **Student Program Support**
  - **Public Service**

# Project Grants Summary

2003-2006

- **Percent of funding provided**
  - **IEEE projects and services** **76%**
  - **External; member participation** **13%**
  - **External; related groups** **11%**
  - **Public Service** **24%**

# IEEE Regions



# Project Grants Summary

2003-2006

- **Project Grants to IEEE Units**

Region	Grants Funded
3	1
4	1
6	2
<b>8</b>	<b>10</b>
9	8
10	4

# Sample Project Grants

2003-2006

- **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 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**

# Potential Projects

- **We Need Innovative Projects to Share with Donors**
- **Improving Sustainability in Developing Areas – Communications and Power**
- **History of leading technologies**
  - **Leader Histories**
  - **Milestones**
  - **History Networks**
- **Accreditation of Engineering Programs**
- **Recognition of Outstanding Achievement – Honors**

# Potential Projects

- **Consider Using Funding Raised in Region 8**
- **Innovation and Entrepreneurial Networks**
- **Student Activities and Programs**
- **Expansion of TryEngineering.org and University Finder**
- **Recognitions of Educational “Best Practices”**
- **Teacher Grants**

# IEEE Foundation

- **Goal: Assist in increasing philanthropic activities in in Region 8**
- **IEEE Foundation Funding is Available**
  - **New Innovative Initiatives**
  - **Student Program Support**
  - **Public Service Projects**
- **Explore opportunities for local funding for increased philanthropic activities in Region 8**
- **I seek opportunities to explore your interests in the IEEE Foundation**



- **Thank you for the opportunity to share information about the IEEE Foundation**
- **May I encourage you to make a contribution to the IEEE Foundation**

[www.ieeefoundation.org](http://www.ieeefoundation.org)

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## Technological Literacy *Matters!*

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:

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### About the IEEE Foundation

#### News:

[IEEE Foundation Vice President Wins](#)

#### Meet Our Donors

 Richard (Dick)

#### Success Stories





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