Providing Support for the Philanthropic Programs of the IEEE

IEEE Region 8
April 14, 2007
Dr. Richard Gowen, IEEE Foundation President
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
IEEE Foundation

- Seeks charitable contributions to:
  - Award grants to innovative programs
  - Preserve the history of electrotechnology
  - Nurture a lifelong appreciation of technological history
  - Recognize scientific and engineering excellence
Foundation Membership

Members participate in activities that resonate with their interests

- Assist in developing projects and proposals for donors
- 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 transnational 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

<table>
<thead>
<tr>
<th></th>
<th>2005</th>
<th>2006</th>
</tr>
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<tbody>
<tr>
<td><strong>Revenue</strong></td>
<td>2,838</td>
<td>3,397</td>
</tr>
<tr>
<td><strong>Expenses</strong></td>
<td>2,495</td>
<td>2,705</td>
</tr>
<tr>
<td><strong>Net Cash</strong></td>
<td>343</td>
<td>692</td>
</tr>
<tr>
<td><strong>Unrealized Investments</strong></td>
<td>355</td>
<td>867</td>
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<td><strong>Change in Fund</strong></td>
<td>698</td>
<td>1,559</td>
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<tr>
<td><strong>Ending Fund Balance</strong></td>
<td>25,402</td>
<td>26,961</td>
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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

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

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

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%
Project Grants Summary
2003-2006

- Project Grants to IEEE Units

<table>
<thead>
<tr>
<th>Region</th>
<th>Grants Funded</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td>6</td>
<td>2</td>
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<tr>
<td>8</td>
<td>10</td>
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<tr>
<td>9</td>
<td>8</td>
</tr>
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<td>10</td>
<td>4</td>
</tr>
</tbody>
</table>
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 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
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