

## IEEE Membership Development Conference Call / Web Cast

### 21 August 2010





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### Today's Edition ...

#### **Preview Topic**

IEEE Women in Engineering MD Strategic & Action Plan 2010 – Irena Atov

#### **Business Cycle Spotlight**

IEEE Student Competitions – Lara Fast

**Membership Statistics and Goals Update** – John Day

**Updates / Wrap-Up / Direction – Tom Habetler** 

#### **Open Floor Q&A**

Subject Appendix: SAMIEEE and Arrears Recovery, Step by Step





### **Today's Speakers**



John Day Membership Development



Lara Fast Young Professional Program Manager



Tom Habetler Chair, MRRC



Irena Atov
Chair, IEEE Women in Engineering Committee

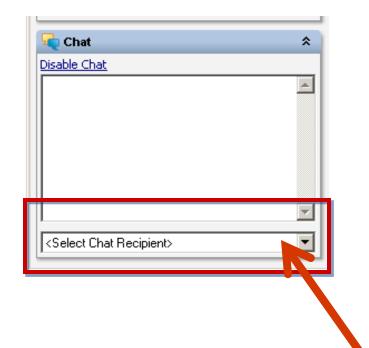


Advancing Technology for Humanity

### Web Cast Interface – ReadyTalk®







# Web Cast Attendance Roll Call

Use the Chat pod.

Please type in your name/ title/location





#### **Web Cast Notes**

Webcast presentation available on MD online community at <a href="https://www.ieeecommunities.org/md.net">https://www.ieeecommunities.org/md.net</a> in the files section.

Attendee lines are muted, except for speakers. To un-mute your phone during the Q&A portion, press \*6. To mute your phone again, press \*6.

Please ask topical questions using the chat box.

This webcast is recorded. Presentation and audio will be available as an "on-demand" resource – URL and announcement to be posted in the MD online community.





### **Preview Topic**

## IEEE Women in Engineering MD Strategic and Action Plan 2010



**Dr Irena Atov**Women in Engineering Committee Chair

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### What we'll be talking about

- About WIE
  - Mission, Vision and Activities
- Data Analysis
  - WIE Membership and Affinity Group Summary
  - IEEE Female Membership Data
  - Notable Findings
- WIE MD Goals and Plans
- Questions





## About IEEE Women in Engineering





### Mission and Vision of IEEE WIE

### **Mission**

To facilitate the recruitment and retention of women in technical disciplines globally

### <u>Vision</u>

A vibrant community of IEEE women and men collectively using their diverse talents to innovate for the benefit of humanity

### **Big Audacious Goal**

IEEE WIE will distinguish itself as a premier professional organization for women in technical disciplines globally

Approved by WIEC meeting on April 10, 2010





## Women in Engineering Charter

"The IEEE Women in Engineering Committee (WIEC) shall be appointed by and shall report to the IEEE Board of Directors.

The WIEC shall be responsible for <u>facilitating the</u> <u>development of programs and activities that</u> promote the entry into and the retention of women in engineering programs, enhance the career advancement of women in the profession, and which promote IEEE membership and retention of IEEE women members."

Source: IEEE Bylaws, I-300 Management, article I-305.20





### **IEEE WIE Committee Activities**

- RECOGNIZES women's outstanding achievements in electrical and electronics engineering through IEEE Awards nominations as well as international media venues.
- ORGANIZES receptions at major technical conferences to enhance networking and to promote membership in WIE
- ADVOCATES women in leadership roles in IEEE governance and career advancement for women in the profession.
- PROVIDES assistance with the formation of new WIE Affinity Groups and supports ongoing activities
- ADMINISTERS the IEEE Student-Teacher and Research Engineer/Scientist (STAR) Program to mentor young women in junior high school and high school
- PROMOTES member grade advancement for women to the grades of Senior Member and Fellow
- FACILITATES the development of programs and activities that promote the entry into and retention of women in engineering programs
- COLLABORATES with other organizations to further develop the best practices and strategies to promote the advancement of women and diversity for all individuals.





## WIE Committee Programs, Products & Services

### WIE membership includes

- access to the WIE electronic membership directory
- two excellent communication tools (WIE Magazine & Newsletter)
- a significant number of internal & external collaborations
  - WIE forums
  - Pre-University Outreach & Professional networking events
  - IEEE Student-Teacher and Research Engineer/Scientist (STAR) mentoring program which encourages young women in junior high and high schools to pursue careers in mathematics, science and engineering
- WIE scholarships
- WIE member dues are US\$25 annually
  - WIE membership is free for students, graduate student members
     and life members



### WIE Presence at Forums & Conferences

### Enhance networking & member engagement

- WIE Regional & National Forums
  - March 2 Day Region 3 WIE Professional Development Seminar, Charlotte, NC
  - May National WIE Forum in Egypt
  - June National WIE Forum in Pakistan
- WIE Sessions & Exhibit Booths at IEEE Conferences:
  - April IEEE PES Transmission and Distribution Conference and Exposition
  - June IEEE Photovoltaic Conference
  - May International Conference on Communications (IEEE ICC)
  - Sept IEEE Vehicular Technology Conference
  - Aug Region 8 Student Branch and GOLD Congress (SBC 2010)
  - Nov AUS & NZ Student Branch and GOLD Congress (ANZAC 2010)
  - Dec IEEE GLOBECOM 2010
- WIE Flagship 2011
  - The WIEC is exploring the creation of a flagship worldwide WIE conference planned prior to IEEE Sections Congress



## Membership Data Analysis



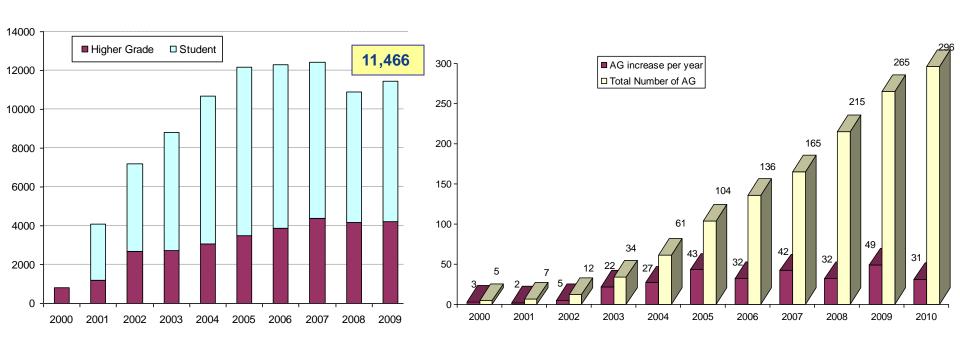


## WIE is comprised of over 11,000 IEEE men and women worldwide and almost 300 affinity groups

AGs in 52 countries and members in 98 countries

**Trend in WIE Membership** 

**Trend in WIE Affinity Groups** 





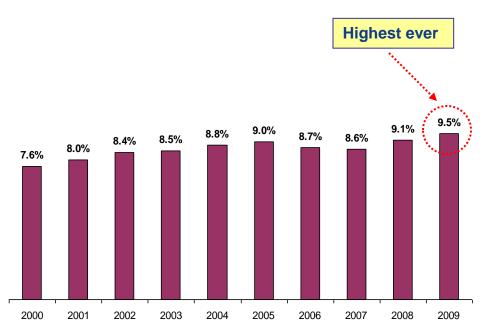


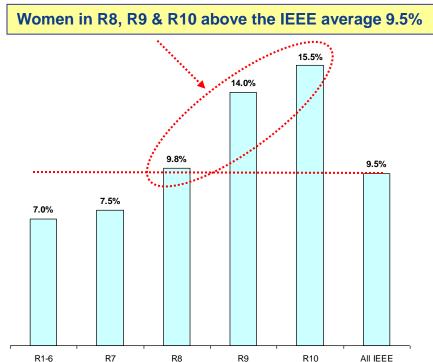
### **IEEE Members who are Female**

## Trend in the Percentage of IEEE Members who are Female

Percentage of IEEE Members who are Female: Region Perspective

Women in IEEE – 2009 based on those reporting gender to IEEE



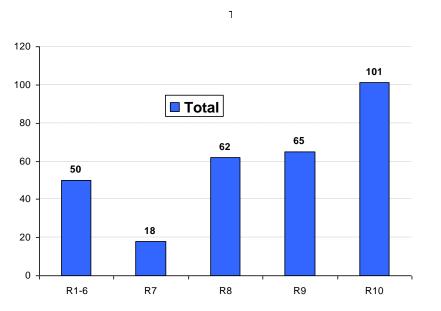




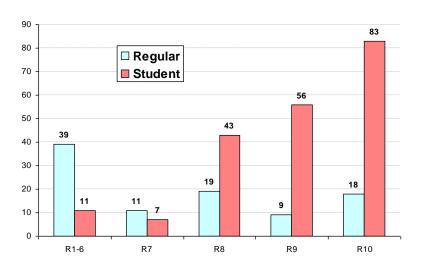


### **WIE Affinity Groups: 2010**

## Total WIE Affinity Groups by Region: 296



## WIE Affinity Group by Membership Type Professional: 96 Student 200

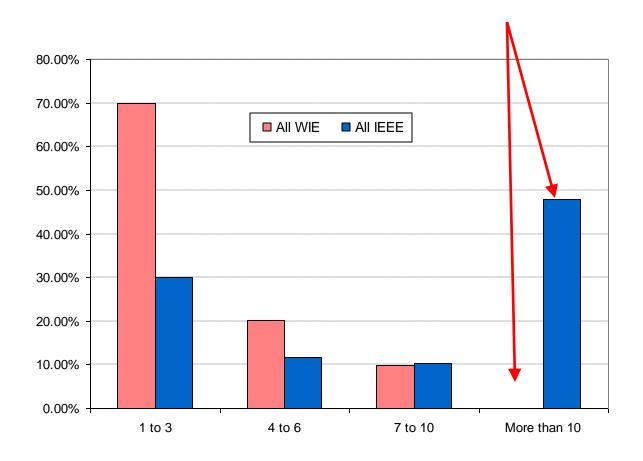






### **WIE Years of Service**

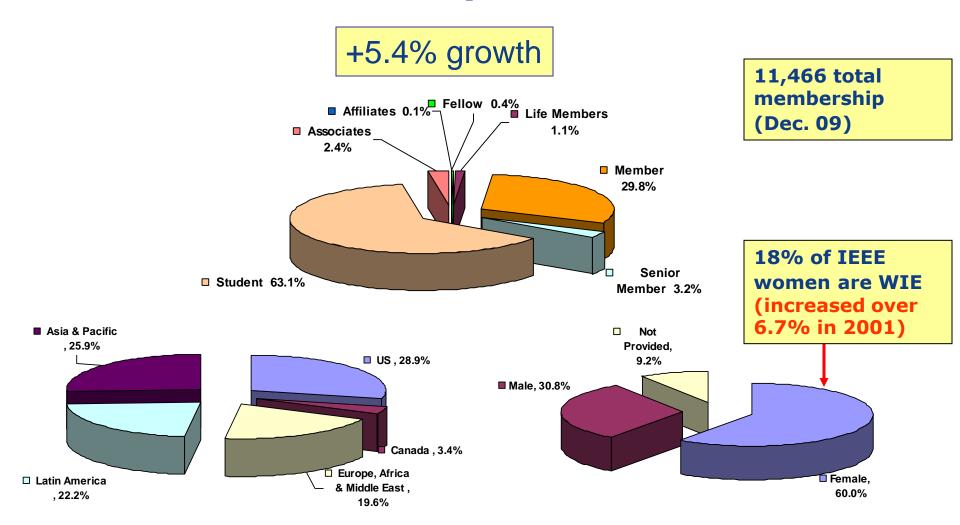
Majority of IEEE Members are More than 10 Years in Service (48%) but WIE members are 0% in this category (early days still ??)







### WIE Membership in 2009

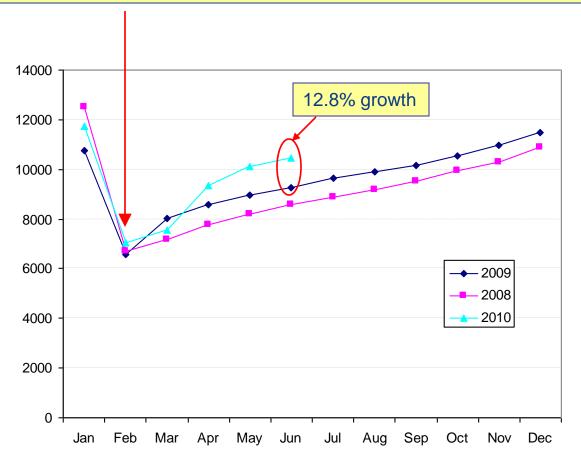






## Year-over-Year by Month: 2008 through to June 2010

■ In 2010 the WIE member retention rate is only 60% - if we could cut loss rate to half we could possibly grow by 20% per year



WIE member growth is better than IEEE general (3.9%)





### **Summary of WIE Membership**

WIE is the largest international Women in Engineering organization with a very culturally diverse membership (AGs in 52 countries and members in 98 countries)

- 9.5% IEEE female membership
  - In the very long term recruitment goal should be up to 50%
  - Shows positive derivative but slow
- More women in percentage in R8, R9 and R10
- WIE growth is better than IEEE general 12.8% WIE growth vs overall IEEE growth 3.9% (Jun'10 vs. '09)
- Very high increase in membership and AGs in a very small period of time
- About the same number of Affinity groups as the IEEE has Sections
- Fifth largest society (Dec. 09)
- More international diversity than IEEE in general (29% WIE USA members vs. 53% IEEE USA members)
- Very high Student grade membership in WIE: 63%





## WIE MD Goals and Plans





### **Existing Communication Tools**

- The WIE Magazine showcases the success of women to help attract more women into the field. The calendar for 20110 and 2011:
  - Jun & Dec'1010: "Women in Entrepreneurship" & "The Green Issue"
  - Jun & Dec '11: "Emergency Recovery Disaster Response" & "Entertainment Engineering"
  - The WIEC readership survey of the WIE Magazine was conducted in Mar'10 (33% response rate)
  - APEX Award
- Monthly Electronic WIE Newsletter tool for getting information out to AG & back again



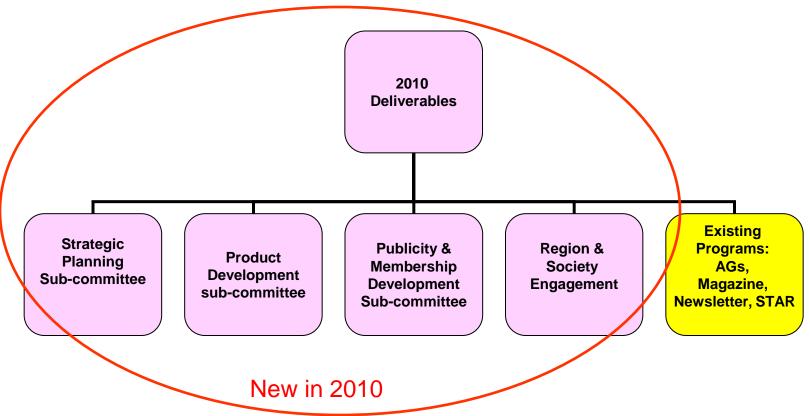


### **WIE Planning for Future Growth**



## Setting Foundations for Next Stage of Growth

Created several sub-committees and special project committees which will form the foundation for the next stage of membership growth







### New Member & Product Development

### Increase the Value of Membership

- Development of new WIE member products
  - Webinars with IEEE-USA
  - E-Books in collaboration with IEEE-USA
  - On-Line mentoring in collaboration with MGA
  - Promotional Material
  - Tutorials
- Setting up of an IEEE Foundation Fund for the WIE
  - Fellowships, travel grant, prizes etc
- WIE Conference
  - Adjacent to IEEE Sections Congress , August 2011
  - Opportunity for world-wide collaboration of WIE leaders





### **Publicity & Membership Activities**

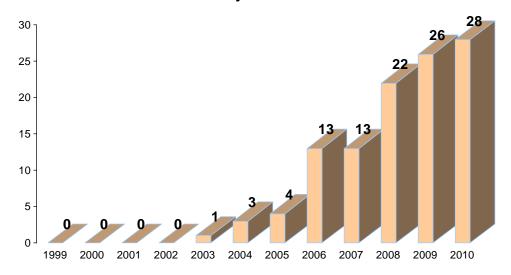
- Publicity & Membership Subcommittee
  - A. Initiatives to publicize WIE events & products:
  - 1. To existing IEEE members & potential members
  - 2. Focus on special sub-groups e.g. life sciences
  - B. Initiative to increase membership:
  - 1. Increase WIE membership amongst IEEE women
  - 2. Member retention drives
  - 3. Student to Full-member conversion
  - 4. New non-IEEE member drive
  - C. Continue Public Visibility
  - 1. Media Coverage
  - 2. IEEE.tv





## Enhance Collaboration with Other IEEE Units

- 1) Increase Co-operation with Societies
- Seen as good way to encourage Society & WIE membership
  - In 2009, WIE had 26 Society Liaisons and in 2010 it has 28 Society Liaisons



- 2) Increase Co-operation between WIE and Regions
- 3) Promote the benefit from collaborating with the WIE
- the WIEC created an "IEEE Women in Engineering Sponsorship Program" package this can also be used to seek industrial sponsors

Woman in	
Engineering	

### Goals

**STRATEGY** 

**Success Factors** 

 Investigate & bring on-line new WIE products - possibilities include on-line career tools.

Other possible initiatives include:

creating a WIE Wiki

increasing advertising

on-line or face-to-face activities to share best practices to support and retain women

 Two extra products per year Quantitative metrics developed

• Minimum 10 % response from members to

surveys, competitions and other interactions

Increase Member Engagement

 Initiate a set of WIE conferences and forums, both in conjunction with Societies and regions and also as a stand-alone WIE product

> enhancing WIE website as a focus point for information & resources

sending milestone letters to WIE members acknowledging their

 Develop feedback guidelines for WIE products (e.g., WIE Magazine survey) • Improve the revenue potential of WIE by instituting membership drives and

transition from one stage of their career to another,

• Institute project planning methods to ensure funds are distributed to

 Two extra society related events In-kind support from Societies

 The WIE Magazine will continue to focus on exemplary WIE activities The WIE Newsletter will continue to focus on local WIE activities & issues These publications will remain as the core communication products that promote a common bond between all WIE members across all nationalities.

Improve Relationship

with / between

Members

**Enhance** 

Collaboration with

Other Business Units

Woman in

Increase the Value of

Membership

(i.e., WIE webinar attendance) Achieve critical ratings which place WIE activities into the top quartile of IEEE activities or women's activities in STEM ·Citations of WIE in the media • Increase revenue 5 % per year

of Engineering the Future

Increase Operational Efficiency and Effectiveness

> In essence the WIE forms the natural vehicle that all women in the IEEE have access to, and one which is the foundation they can rely on whichever other society or group they belong to. Given this, then the WIE aims to operate both as a specialised women's unit as well as a cross functional unit pulling together other IEEE units in mutually beneficial projects. e.g. in the areas of

maximum effect and planned outcomes are achieved

 Two new significant collaborations per year (i.e., IEEE Foundation, IEEE History Center) **Celebrating 125 Years** 

· WIE and educational with student activities WIE and Member and Geographic Activities with careers • WIE and Technical Activities working with technical societies to integrate intellectual activity with women's interests and issues Collaborate with outside organizations to maximize WIE's public visibility

reach (National Academy of Engineering, WEPAN, EWEEK)

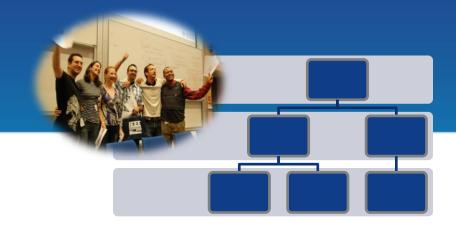
# Thank you Questions?





### **Business Cycle Spotlight**

### **IEEE Student Competitions**





Lara Fast Young Professionals Program Mgr I.fast@ieee.org



#### **IEEE Student Activities Committee**

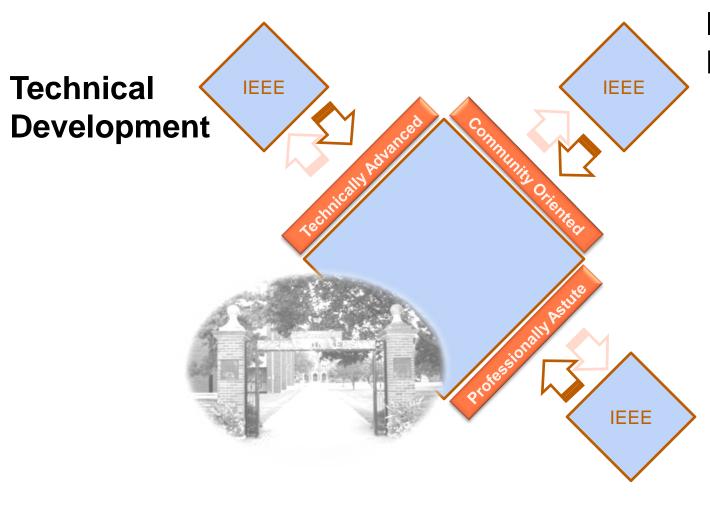
### **Mission**

To deliver a common, high-quality IEEE student member experience globally, to encourage lifelong professional success through IEEE membership





### **Student Member Development**



Humanitarian Development

Professional Development



\*3rd-Party Collaboration w/ IEEE

### **Competitions**

OFFERING	Technical Development	Humanitarian Development	<b>Professional Development</b>
Global	<ul><li>IEEE Xtreme</li><li>Imagine Cup* (Microsoft)</li></ul>	Presidents' Change the World	Robotics Competitions
Regional	<ul><li>Robotics</li><li>Technical Papers</li></ul>	Humanitarian Technology     Challenge	• Ethics
Student Branch	• Posters		<ul><li>Presentations</li><li>Speeches</li><li>Writing Skills</li></ul>

#### **Scheduling**

- Alignment with the university / academic year
- Alignment with key periods in the IEEE membership year
- Continuous engagement
  - Predictable activity within the student member experience
    - Enables advance planning at the Student Branch level
  - Avoiding too many member competitions at once,
     i.e. risk of cannibalizing participation
  - Managing resource requirements, Volunteers and Staff

SEP - JAN - APR

MAY -AUG

imagine cup





### **IEEEXtreme 4.0 Competition Overview**

24-hour, worldwide programming competition. Sponsored by IEEE MGA.

#### **Objectives**

- Increase IEEE membership appeal to computer, programming and information technology students
- Engagement opportunity between members of different countries / cultures



#### Financial Underwriting - \$50,000 budget

- 2010 Sponsorship Partners
  - \$500 Liberty Mutual for Pens
  - \$5,000 March/New York Life
  - \$5,000 UPP (IEEE)
  - \$15,000 Membership Development
- MGA Student Activities Committee Budget

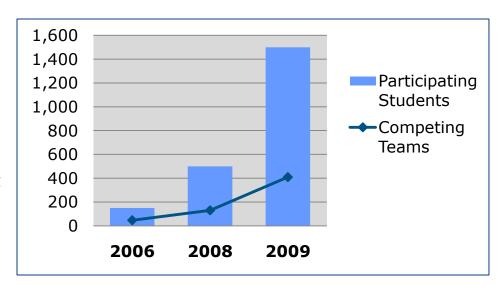
#### More Information

Date: Saturday, 23 October 2010

www.ieee.org/xtreme











# **IEEE Presidents' Change the World Competition**

Technology Innovation for Humanitarian Benefit.

Sponsored by IEEE Presidents and Managed by MGA Student Activities Committee

#### **Objectives**

- Increase IEEE membership appeal to students
- Engagement opportunity between members of different countries / cultures

#### Financial Underwriting - \$50,000 budget

- IEEE Life Members Fund
- MGA Student Activities Committee Budget
- Sponsors TBA

#### More Information

- 2010 Awards: Saturday, 26 June 2010
  - 2010 participants 200 individuals/teams
- Next Year: Sept 2010 Feb 2011
- http://www.ieee.org/membership\_services/m embership/students/competitions/change\_th e\_world/index.html

















# **Competitions Enablers**

	Life Member Fund	President's Office	MGA	Special Initiatives	Regions / Societies	Industry Sponsors	
President's Change the World Competitions	\$	\$	<b>©</b>	\$			
IEEE Xtreme			\$ 😊	\$		\$	
Paper Contests	\$		\$ @		\$		
Robotic Contests					\$	\$	
Humanitarian Technology					\$		

- \$ Financial
- Staff Support / Coordination

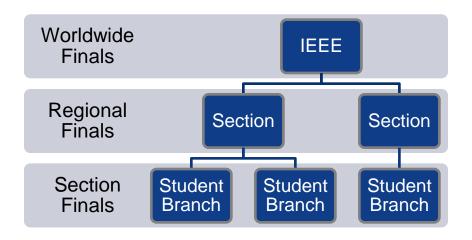




# **Envisioning the Possibilities**

#### **Pyramid Competitions**

- Visibility
  - Prestige
  - Member engagement opportunities
  - 'Big-bucks' sponsorship opportunities
- Alignment of worldwide finals with major IEEE events
  - e.g., Honors Ceremony, Int'l conferences, Sections Congress



#### **Engagement Across the Member Career Cycle**



# **MD Support Requested**



- AUG OCT 23 Promote the competition within your section and local universities
- AUG OCT 23 Membership drive to students
- Coordinate with student branches to:
  - SEPT/OCT: Identify proctors for IEEEXtreme teams
  - OCT/NOV: Organize a competition awards ceremony locally





# **MD Support Requested**

- AUG JAN 2011 Promote the competition within your section and local universities
- AUG JAN 2011 Membership drive to students
- JAN MAY 2011 Participate in the judging process

SUMMER 2011 - Organize a competition awards ceremony

locally







# ??? Questions ???

Thank you for the support and effort of IEEE student members!

Lara Fast

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# Membership Statistics & Goals Update

**July 2010** 





Presented by:

John Day

Director, Membership Development
j.day@ieee.org



### **July 2010 Dashboard**

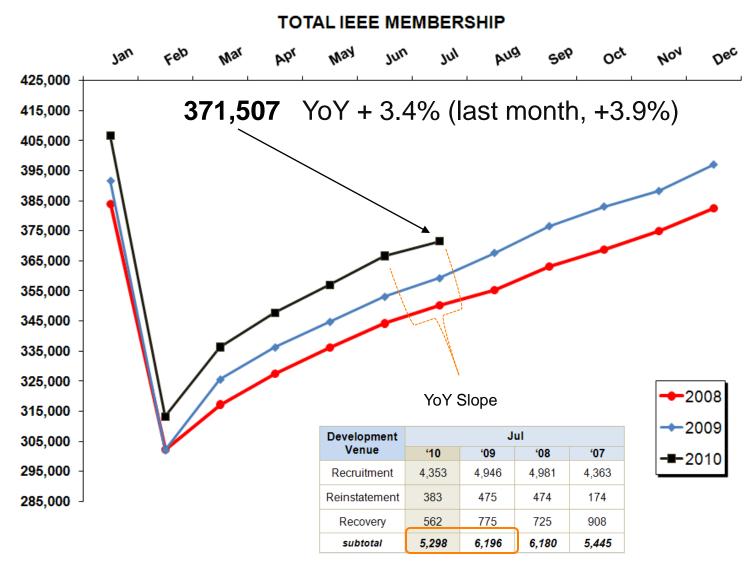
Snapshot	Snapshot Jul '10 vs. '09				Jul '09	Jun '10	% Change Jun '10 - Jul '10
IEEE Membership	•	12,312	+ 3.4%	371,507	359,195	366,623	+ 1.0%
Honorary	^	1	+ 3.6%	29	28	29	-
Fellow	^	146	+ 2.3%	6,535	6,389	6,531	+ 0.1%
<ul> <li>Senior Member</li> </ul>	^	880	+ 2.8%	31,793	30,913	31,777	+ 0.1%
Member	^	2,838	+ 1.2%	230,701	227,863	228,985	+ 0.7%
Associate Member	~	(1,559)	-9.8%	14,390	15,949	14,236	+ 1.1%
Graduate Student	^	4,495	+ 14.2%	36,058	31,563	34,769	+ 3.7%
<ul> <li>Undergraduate Student</li> </ul>	^	5,511	+ 11.9%	52,001	46,490	50,296	+ 3.4%
Society Memberships	•	12,428	+ 4.0%	319,843	307,415	314,465	+ 1.7%
<ul> <li>18 Societies up &gt; 1%</li> </ul>	^	13,943	Societies Not	e: Sum of respect	tive gains and loss	ses, with all counts i	ncluding Affiliates
• 11 Societies +/- 1%		(118)	Without Affilia			up year-over-year l	
9 Societies down > 1%	~	(1,397)	+4.2%.				







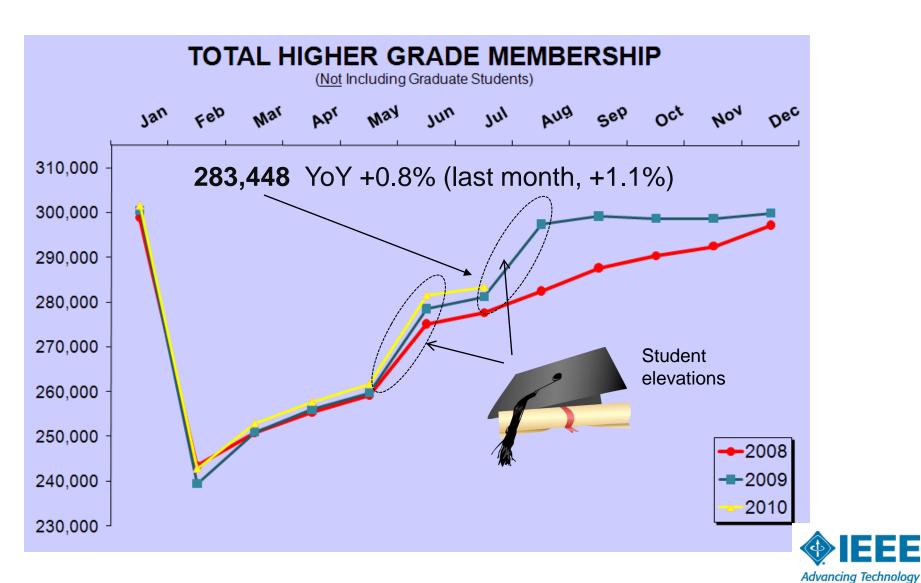
## **Year-over-Year Monthly Growth – Total Membership**





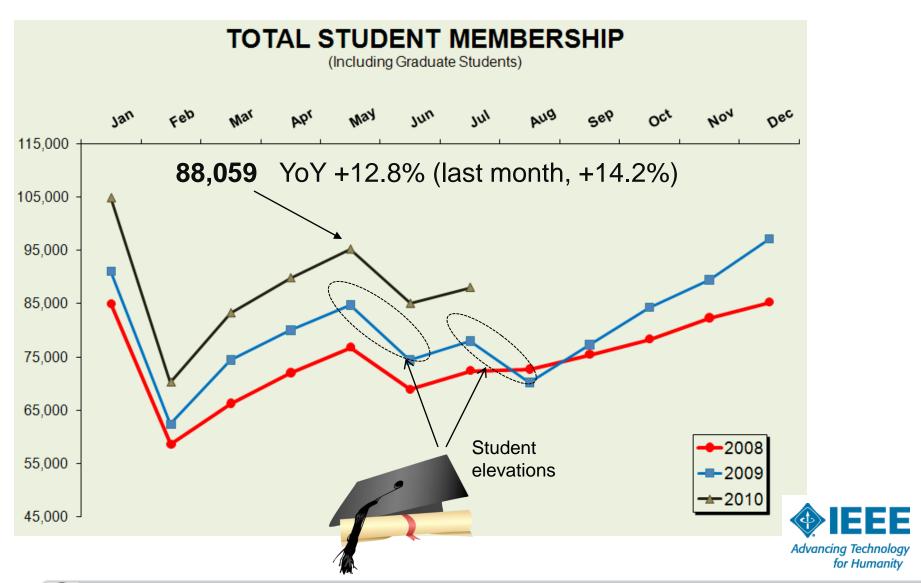
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#### **Year-over-Year Monthly Growth – Higher-Grade Membership** (including GSM)





#### **Year-over-Year Monthly Growth – Student-Grade Membership** (including GSM)





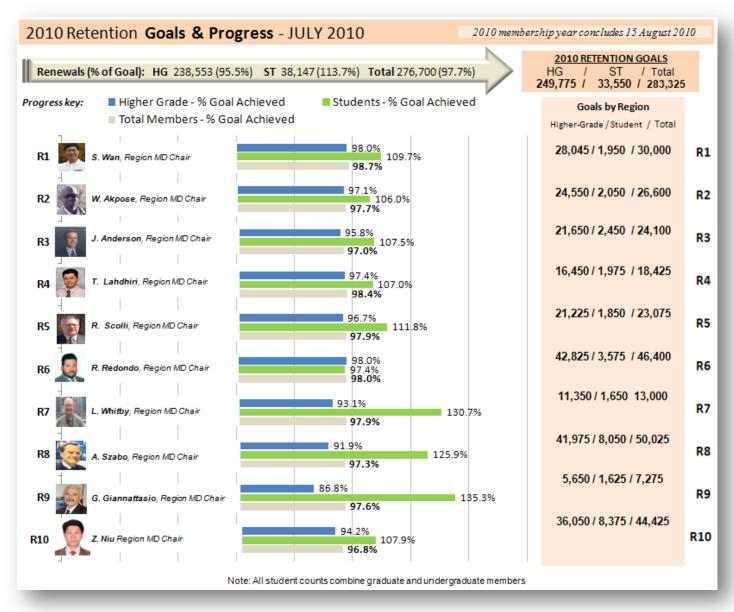
# **Active Membership by Region**

	Geographic IEEE Membership Summary - July 2010																
REGION	HI	GHER GRA	DE w/o G	SM	G	RADUATE	STUDENT	rs	UND	RGRADU	ATE STUD	ENTS	TOTAL MEMBERS				
REGION	2010	2009	Cha	inge	2010	2009	Cha	inge	2010	2009	Change		2010	2009		Change	
			#	%			#	%			#	%			#	%	
1	30,878	31,700	(822)	-2.6%	1,829	1,553	276	17.8%	1,724	1,422	302	21.2%	34,431	34,675	(244)	-0.7%	
2	27,167	27,331	(164)	-0.6%	1,745	1,515	230	15.2%	1,813	1,655	158	9.5%	30,725	30,501	224	0.7%	
3	24,053	24,153	(100)	-0.4%	2,309	2,005	304	15.2%	2,413	2,212	201	9.1%	28,775	28,370	405	1.4%	
4	18,406	18,569	(163)	-0.9%	1,740	1,579	161	10.2%	1,897	1,580	317	20.1%	22,043	21,728	315	1.4%	
5	23,655	23,851	(196)	-0.8%	1,776	1,447	329	22.7%	2,101	1,780	321	18.0%	27,532	27,078	454	1.7%	
6	48,032	48,835	(803)	-1.6%	2,881	2,545	336	13.2%	2,973	2,490	483	19.4%	53,886	53,870	16	0.0%	
R 1-6	172,191	174,439	(2,248)	-1.3%	12,280	10,644	1,636	15.4%	12,921	11,139	1,782	16.0%	197,392	196,222	1,170	0.6%	
7	12,578	12,589	(11)	-0.1%	1,906	1,665	241	14.5%	1,345	1,274	71	5.6%	15,829	15,528	301	1.9%	
8	46,993	45,906	1,087	2.4%	10,703	9,476	1,227	12.9%	9,146	9,079	67	0.7%	66,842	64,461	2,381	3.7%	
9	6,897	6,445	452	7.0%	1,472	1,132	340	30.0%	5,751	5,058	693	13.7%	14,120	12,635	1,485	11.8%	
10	44,789	41,763	3,026	7.2%	9,697	8,646	1,051	12.2%	22,838	19,940	2,898	14.5%	77,324	70,349	6,975	9.9%	
R 7-10	111,257	106,703	4,554	4.3%	23,778	20,919	2,859	13.7%	39,080	35,351	3,729	10.5%	174,115	162,973	11,142	6.8%	
TOTAL	283,448	281,142	2,306	0.8%	36,058	31,563	4,495	14.2%	52,001	46,490	5,511	11.9%	371,507	359,195	12,312	3.4%	
% R1-6	61%	62%			34%	34%			25%	24%			53%	55%			
% R7-10	39%	38%			66%	66%	]		75%	76%	]		47%	45%			





#### **2010 Retention Challenge:** +0.5% higher-grade, +1.0% student







#### 2010 Renewals

hly Gains /
<b>%</b>
6
<b>6</b>
<b>6</b>
6
6
<b>6</b>
<b>6</b>
6
6
1%

May Last Year > 76.2%





#### 2010 Renewals – First-Year Members

#### first-year member retention drives total retention gains

First-Year Member Renewal / Retention - July 2010													
		GRADE w/	o GSM	GRADI	JATE STUD	ENTS	UNDERGR	ADUATE S	TUDENTS	T01	TAL MEMBE	ERS	
REGION	Opportunity	Ren	ewal	Opportunity	Renewal		Opportunity	Ren	ewal	Opportunity	Renewal		7
	Opportunity	#	%	оррогини	#	%	opportunity	#	%	Opportunity	#	%	
1	2,079	833	40.1%	735	407	55.4%	1,014	418	41.2%	3,828	1,659	43.3%	+
2	2,040	802	39.3%	614	347	56.5%	1,123	527	46.9%	3,777	1,676	44.4%	+
3	2,124	757	35.6%	794	469	59.1%	1,394	538	38.6%	4,312	1,764	40.9%	+
4	1,561	672	43.0%	680	398	58.5%	1,088	504	46.3%	3,329	1,574	47.3%	+
5	2,089	867	41.5%	637	355	55.7%	1,183	498	42.1%	3,909	1,720	44.0%	+
6	3,468	1,377	39.7%	1,066	573	53.8%	1,791	738	41.2%	6,325	2,688	42.5%	+
R 1-6	13,361	5,308	39.7%	4,526	2,549	56.3%	7,593	3,223	42.4%	25,480	11,081	43.5%	
7	1,376	604	43.9%	569	417	73.3%	700	383	54.7%	2,645	1,404	53.1%	+
8	6,944	2,830	40.8%	3,913	2,575	65.8%	5,343	1,636	30.6%	16,200	7,041	43.5%	+
9	1,388	373	26.9%	473	285	60.3%	3,682	804	21.8%	5,543	1,462	26.4%	_ +
10	7,639	2,837	37.1%	5,299	1,934	36.5%	16,254	3,338	20.5%	29,192	8,110	27.8%	+
R 7-10	17,347	6,644	38.3%	10,254	5,211	50.8%	25,979	6,161	23.7%	53,580	18,017	33.6%	
TOTAL	30,708	11,952	38.9%	14,780	7,760	52.5%	33,572	9,384	28.0%	79,060	29,098	36.8%	

**Top Monthly** Gains

+ 0.2%

+ 0.2%

+ 0.1%

+ 0.2%

+ 0.2%

+ 0.2%

+ 0.3%



+ 0.2%

+ 0.1%

+ n/a %

**Total Retention** 

82.5%

71.0%

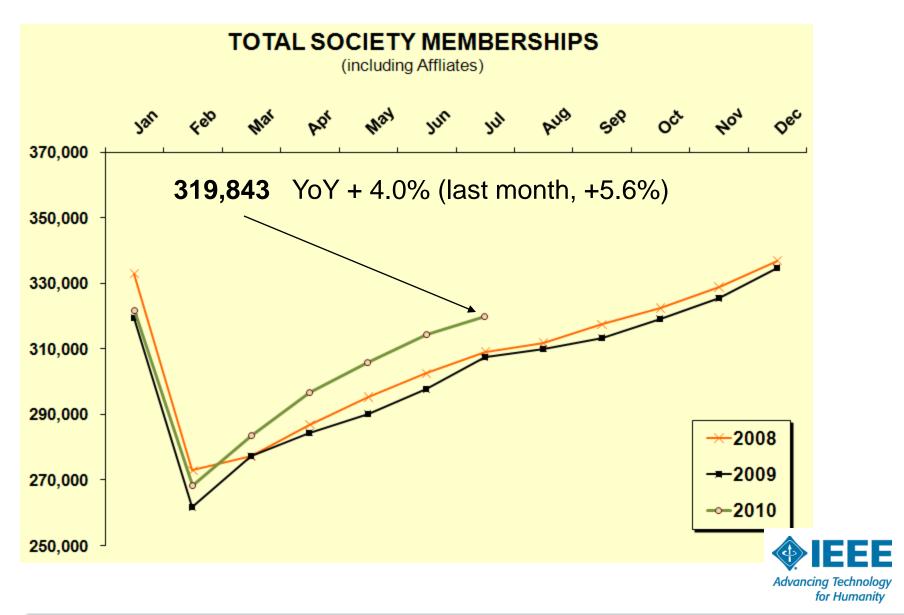
35.4%

75.9%

Advancing Technology for Humanity



#### **Year-over-Year Membership Growth – Society Memberships** (including Affiliates)



# **Society Memberships Dashboard**

Society MD Disposition	<u>Year-over-Year</u>	Influence of Large Societies					
Aggregate Total Memberships Across 38 Societies	+ 12,428	78% of the gains					
Growth > 1%: 20 Societies	+ 13,943	Communications + 6,428 Power & Energy + 2,815 Computer + 1,557					
+ / - 1%: 9 Societies	(118)						
Decline > 1%: 9 Societies	(1,397)						

Double-Digit Percentage Gains **Year-over-Year** 

Society Top Gains	YoY Gains					
Society Top Gains	Percent	Count				
Product Safety Eng.	35.0%	227				
Communications	15.9%	6,428				
Industrial Electronics	13.5%	588				
Power & Energy	12.2%	2,818				
Social Implications of Tech.	12.2%	194				





# Year-over-Year Society Membership, Detail

						IE	EEE Societ	ty Membe	ership T	otals as	of May	y 2010								
SOCIETY / DIVISION	Mem	her Grade nbers ng GSMs)	Chi	ange		Student nbers	Char	nge		ciety iates	Ch	ange		y Totals iffiliates)	Chai	nge		y Totals affiliates)	Char	nge
IEEE Societies	2010	2009	#	%	2010	2009	#	%	2010	2009	#	%	2010	2009	#	%	2010	2009	#	%
DIVISION I																				
Circuits & Systems	9,074	9,127	-53	-0.6%	370	388	-18	-4.6%	48	47	1	2.1%	9,492	9,562	-70	-0.7%	9,444	9,515	-71	-0.7%
Electron Devices	9,640	9,745	-105	-1.1%	309	277	32	11.6%	49	51	-2	-3.9%	9,998	10,073	-75	-0.7%	9,949	10,022	-73	-0.7%
Solid-State Circuits	9,398	9,784	-386	-3.9%	164	201	-37	-18.4%	73	72	1	1.4%	9,635	10,057	-422	-4.2%	9,562	9,985	-423	-4.2%
Div I Subtotal	28,112	28,656	-544	-1.9%	843	866	-23	-2.7%	170	170	0	0.0%	29,125	29,692	-567	-1.9%	28,955	29,522	-567	-1.9%
DIVISION II																				
Components, Packaging & Mfg Tech	2,326	2,384	-58	-2.4%	54	62	-8	-12.9%	15	16	-1	-6.3%	2,395	2,462	-67	-2.7%	2,380	2,446	-66	-2.7%
Dielectrics & Electrical Insulation	1,974	1,914	60	3.1%	50	38	12	31.6%	34	22	12	54.5%	2,058	1,974	84	4.3%	2,024	1,952	72	3.7%
Industry Applications	9,286	9,252	34	0.4%	204	117	87	74.4%	45	38	7	18.4%	9,535	9,407	128	1.4%	9,490	9,369	121	1.3%
Instrumentation & Measurements	4,048	4,297	-249	-5.8%	89	105	-16	-15.2%	21	22	-1	-4.5%	4,158	4,424	-266	-6.0%	4,137	4,402	-265	-6.0%
Power Electronics	6,346	6,155	191	3.1%	238	252	-14	-5.6%	50	45	5	11.1%	6,634	6,452	182	2.8%	6,584	6,407	177	2.8%
Ultrasonics, Ferroelectrics, Freq Ctrl	2,065	2,045	20	1.0%	51	58	-7	-12.1%	37	31	6	19.4%	2,153	2,134	19	0.9%	2,116	2,103	13	0.6%
Div II Subtotal	26,045	26,047	-2	0.0%	686	632	54	8.5%	202	174	28	16.1%	26,933	26,853	80	0.3%	26,731	26,679	52	0.2%
DIVISION III																				
Communications	41,655	36,453	5,202	14.3%	4,854	3,645	1,209	33.2%	415	398	17	4.3%	46,924	40,496	6,428	15.9%	46,509	40,098	6,411	16.0%





# Year-over-Year Society Membership, Detail (cont.)

	IEEE Society Membership Totals as of May 2010																			
SOCIETY / DIVISION	Mem	her Grade nbers ng GSMs)		ange	IEEE St Mem		Char		Soci	ciety iates		hange		ty Totals affiliates)	Char	nge		y Totals affiliates)	Char	nge
IEEE Societies	2010	2009	#	%	2010	2009	#	%	2010	2009	#	%	2010	2009	#	%	2010	2009	#	%
DIVISION IV												Ī.								
Antennas & Propagation	7,617	7,600	17	0.2%	263	208	55	26.4%	55	55	0	0.0%	7,935	7,863	72	0.9%	7,880	7,808	72	0.9%
Broadcast Technology	1,839	1,835	4	0.2%	72	62	10	16.1%	30	32	-2	-6.3%	1,941	1,929	12	0.6%	1,911	1,897	14	0.7%
Consumer Electronics	2,845	2,786	59	2.1%	126	140	-14	-10.0%	29	41	-12	-29.3%	3,000	2,967	33	1.1%	2,971	2,926	45	1.5%
Electromagnetic Compatibility	3,811	3,860	-49	-1.3%	56	65	-9	-13.8%	32	30	2	6.7%	3,899	3,955	-56	-1.4%	3,867	3,925	-58	-1.5%
Magnetics	2,801	2,908	-107	-3.7%	68	77	-9	-11.7%	60	51	9	17.6%	2,929	3,036	-107	-3.5%	2,869	2,985	-116	-3.9%
Microwave Theory & Techniques	10,932	11,055	-123	-1.1%	478	438	40	9.1%	50	49	1	2.0%	11,460	11,542	-82	-0.7%	11,410	11,493	-83	-0.7%
Nuclear & Plasma Sciences	2,915	3,104	-189	-6.1%	60	91	-31	-34.1%	56	48	8	16.7%	3,031	3,243	-212	-6.5%	2,975	3,195	-220	-6.9%
Div IV Subtotal	32,760	33,148	-388	-1.2%	1,123	1,081	42	3.9%	312	306	6	2.0%	34,195	34,535	-340	-1.0%	33,883	34,229	-346	-1.0%
DIVISION V/VIII																				
Computer	50,272	50,050	222	0.4%	3,848	2,825	1,023	36.2%	15,663	15,351	312	2.0%	69,783	68,226	1,557	2.3%	54,120	52,875	1,245	2.4%
DIVISION VI																				
Education	3,141	3,118	23	0.7%	65	82	-17	-20.7%	32	32	0	0.0%	3,238	3,232	6	0.2%	3,206	3,200	6	0.2%
Industrial Electronics	4,685	4,142	543	13.1%	213	173	40	23.1%	34	29	5	17.2%	4,932	4,344	588	13.5%	4,898	4,315	583	13.5%
Product Safety Engineering	844	634	210	33.1%	14	9	5	55.6%	18	6	12	200.0%	876	649	227	35.0%	858	643	215	33.4%
Professional Communication	913	982	-69	-7.0%	51	59	-8	-13.6%	94	103	-9	-8.7%	1,058	1,144	-86	-7.5%	964	1,041	-77	-7.4%
Reliability	1,725	1,770	-45	-2.5%	33	28	5	17.9%	20	19	1	5.3%	1,778	1,817	-39	-2.1%	1,758	1,798	-40	-2.2%
Social Implications of Technology	1,724	1,530	194	12.7%	41	45	-4	-8.9%	24	20	4	20.0%	1,789	1,595	194	12.2%	1,765	1,575	190	12.1%
Div VI Subtotal	13,032	12,176	856	7.0%	417	396	21	5.3%	222	209	13	6.2%	13,671	12,781	890	7.0%	13,449	12,572	877	7.0%
DIVISION VII																				
Power & Energy	23,967	22,189	1,778	8.0%	1,583	608	975	160.4%	266	204	62	30.4%	25,816	23,001	2,815	12.2%	25,550	22,797	2,753	12.1%

for Humanity



# Year-over-Year Society Membership, Detail (cont.)

						IF	EEE Societ	ty Memb	ership T	otals as	of May	y 2010								
SOCIETY / DIVISION	Mem	her Grade nbers ng GSMs)		ange	IEEE St Memi	Student nbers	Char	nge	Soci Affilia	ciety iates	Ch	ange	-	y Totals (ffiliates)	Char	nge	Society (without a		Chan	nge
IEEE Societies	2010	2009	#	%	2010	2009	#	%	2010	2009	#	%	2010	2009	#	%	2010	2009	#	%
DIVISION IX																				
Aerospace & Electronic Systems	4,493	4,667	-174	-3.7%	191	156	35	22.4%	34	37	-3	-8.1%	4,718	4,860	-142	-2.9%	4,684	4,823	-139	-2.9%
Geoscience & Remote Sensing	2,763	2,643	120	4.5%	135	110	25	22.7%	202	292	-90	-30.8%	3,100	3,045	55	1.8%	2,898	2,753	145	5.3%
Information Theory	3,237	3,231	6	0.2%	114	137	-23	-16.8%	28	27	1	3.7%	3,379	3,395	-16	-0.5%	3,351	3,368	-17	-0.5%
Intelligent Transportation Systems	980	965	15	1.6%	30	31	-1	-3.2%	19	18	1	5.6%	1,029	1,014	15	1.5%	1,010	996	14	1.4%
Oceanic Engineering	1,659	1,587	72	4.5%	51	47	4	8.5%	21	14	7	50.0%	1,731	1,648	83	5.0%	1,710	1,634	76	4.7%
Signal Processing	13,994	13,237	757	5.7%	394	444	-50	-11.3%	132	94	38	40.4%	14,520	13,775	745	5.4%	14,388	13,681	707	5.2%
Vehicular Technology	3,901	3,907	-6	-0.2%	118	125	-7	-5.6%	20	23	-3	-13.0%	4,039	4,055	-16	-0.4%	4,019	4,032	-13	-0.3%
Div IX Subtotal	31,027	30,237	790	2.6%	1,033	1,050	-17	-1.6%	456	505	-49	-9.7%	32,516	31,792	724	2.3%	32,060	31,287	773	2.5%
DIVISION X																				
Computational Intelligence	5,700	5,577	123	2.2%	348	349	-1	-0.3%	128	118	10	8.5%	6,176	6,044	132	2.2%	6,048	5,926	122	2.1%
Control Systems	7,811	7,745	66	0.9%	364	360	4	1.1%	71	69	2	2.9%	8,246	8,174	72	0.9%	8,175	8,105	70	0.9%
Engineering in Medicine & Biology	7,971	7,754	217	2.8%	459	483	-24	-5.0%	169	174	-5	-2.9%	8,599	8,411	188	2.2%	8,430	8,237	193	2.3%
Photonics	6,277	6,171	106	1.7%	351	505	-154	-30.5%	102	94	8	8.5%	6,730	6,770	-40	-0.6%	6,628	6,676	-48	-0.7%
Robotics & Automation	6,087	5,785	302	5.2%	733	654	79	12.1%	91	86	5	5.8%	6,911	6,525	386	5.9%	6,820	6,439	381	5.9%
Systems, Man & Cybernetics	4,027	3,899	128	3.3%	153	173	-20	-11.6%	38	43	-5	-11.6%	4,218	4,115	103	2.5%	4,180	4,072	108	2.7%
Div X Subtotal	37,873	36,931	942	2.6%	2,408	2,524	-116	-4.6%	599	584	15	2.6%	40,880	40,039	841	2.1%	40,281	39,455	826	2.1%
																		0		
TOTAL	284,743	275,887	8,856	3.2%	16,795	13,627	3,168	23.2%	18,305	17,901	404	2.3%	319,843	307,415	12,428	4.0%	301,538	289,514	12,024	4.2%

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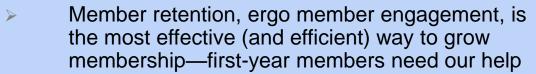
Web Cast Etiquette: Ask questions using the online chat feature. Technical assistance: web-conf@ieee.org

#### Looking Ahead ...



#### Growth: Aug through Dec

- Determined by the months' year-over-year results in <u>Recruitment</u>
- ➤ Renewals count toward 2011 growth



Our success is determined by serving the member, not the statistics





# thank you questions?





# **Updates & Reminders / Direction**



Presented by:
Thomas G. Habetler
Chair, IEEE MRRC





## **Reminders / Updates**





- Must reserve online (about 400 orders so far)
- Kits begin shipping last week of August
- www.ieee.org/go/annualkit



#### □ e-Membership Offer / Developing Nations

- Launched 16 August
- Available to 153 countries (Regions 8, 9, 10)
- <u>www.ieee.org/emember</u>



#### ☐ IEEE Day

- Worldwide day of member celebration
- 7-8 October
- www.ieeeday.org



#### □ IEEEXtreme Programming Competition

- Global student programming competition
- 23 October
- <u>www.ieee.org/xtreme</u>



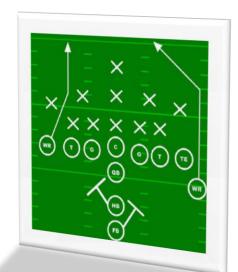


#### Wrap Up / Direction – MD Prioritization

- January through April
  - 85% effort Retention / Arrears Recovery
  - 15% effort Recruitment
- May through August
  - 10% effort Arrears Recovery
  - 90% effort Recruitment



- 85% Recruitment
- 15% Renewal monitoring



#### All the while ... MD Staff support:

- Retention / arrears recovery campaigns, electronic and print (through August)
- Recruitment / incomplete applications / reinstatement campaigns (monthly)
- Recruitment / authors outreach (May timeframe)





#### Future MD Webcast Topics & Speakers – Tentative Schedule

#### **SEPTEMBER**

- First-Year Member Experience Update
  - Survey Results
  - New Member Alert / Dashboard
- Preparing for the New Member Year
- Special Student Offer from IEEE Computer Society

#### **OCTOBER**

Recruitment Campaigns & MGM Program







#### **Wrap Up / Direction – Next Webcast**

Saturday, 18 September 2010

January	February	March				
April	May	June				
July	August	September				
October	November	December				





# Thank you!





# **Open Floor Q&A**





# **APPENDIX**





# Appendix Field Team Resources



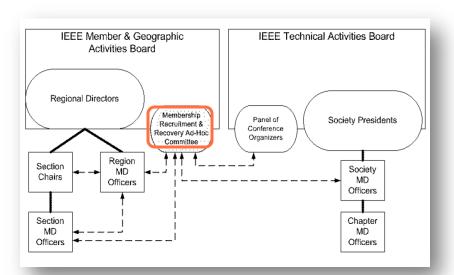
Presented by:
Thomas G. Habetler
Chair, IEEE MRRC





## **MRR Team Development – Engagement**

- Alignment with the new MGA mission and values
- Volunteer & Staff partnership
- MD position vacancies
- Regional Training
- Partnering across IEEE
- MD Portal & Virtual Community



#### If the MGA is Successful ...

IEEE member satisfaction & relevance is growing and reflected in improved retention and total membership

The MGA is a data-driven organization that proactively anticipates and reacts to the needs of the member and the profession

The MGA facilitates recruitment, training, development of IEEE volunteer leaders

The MGA facilitates successful regions, sections, chapters, and affinity groups

The MGA is responsible for all aspects of member and membership activities with the IEEE

The MGA ensures a "home(s)" for every member

Technology professionals will understand IEEE membership's importance in their careers

The MGA will develop sections, and regions and reward them based on their measured success

The MGA facilitates communications and engagement opportunities for IEEE members in multiple ways

IEEE and its members' achievements are universally recognized



# The Regional "Field Team" (2010)



R1 – Gim Soon Wan





R6 - Randall G. Redondo



R2 - Wole Akpose





R7 - Lawrence Whitby



R3 - Jim Anderson



R8 - Aleksandar Szabo



R4 - Tarek Lahdhiri



R9 - Gustavo Giannattasio





R5 - Robert Scolli



R10 - Zhisheng Niu

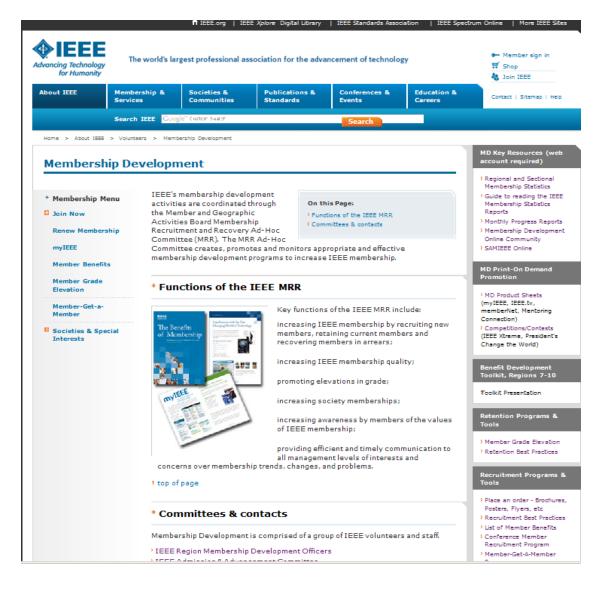


# The Regional "Field Team"

Thomas G. Habetler	IEEE MGA	t.habetler@ieee.org
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Lawrence Whitby	R7	lwhitby@ieee.org
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Gustavo A. Giannatta	asio R9	gianna@ieee.org
Zhisheng Niu	R10	niuzhs@tsinghua.edu.cn
Cathy Downer	IEEE Staff	c.downer@ieee.org
John Day	IEEE Staff	j.day@ieee.org



# Membership Development Portal – www.ieee.org/md

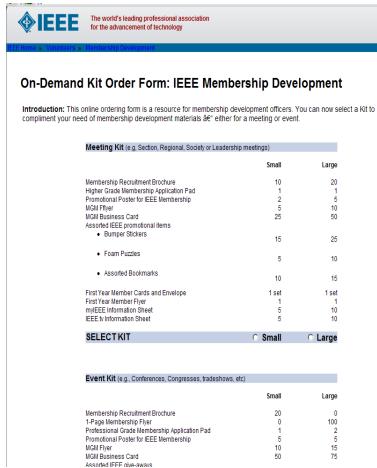


- Membership Reports
- MD Virtual Community
- SAMIEEE access
- MembershipDevelopment Manual
- Member benefits at a glance
- Recruitment programs and tools
- MD Kits online order form
- Benefit Development Toolkit: Regions 7-10





# New Online Order Form available mid-September 2010







#### **Online MD Resources**

- The web page to join the IEEE
- The web page for MD volunteers
- The web page for IEEE benefits
  - www.ieee.org/benefits
- Your Region web page
- Your Section web page
- Your Chapter web page
- Your Conference web page
- Your Student Branch web page

www.ieee.org/join www.ieee.org/md

www.ieee.org/?? www.ieee.org/?? www.ieee.org/?? www.ieee.org/?? www.ieee.org/??



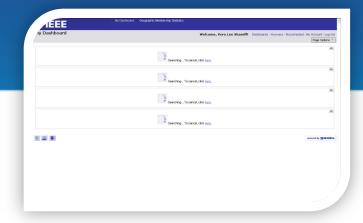
#### **Appendix**

## The SAMIEE / MD Dashboard -**Step-by-Step Configuration**

Prepared by: Helen Shiminsky MGA Information Process Specialist Contact: h.shiminsky@ieee.org

#### **Cathy Downer**

MGA MD Manager Contact: c.downer@ieee.org





#### **MD Dashboard Access**

- Open SAMIEEE home page at www.ieee.org/samieee
- Click on "Access
   Geographical Membership
   Statistics", sign-in using your
   IEEE web account

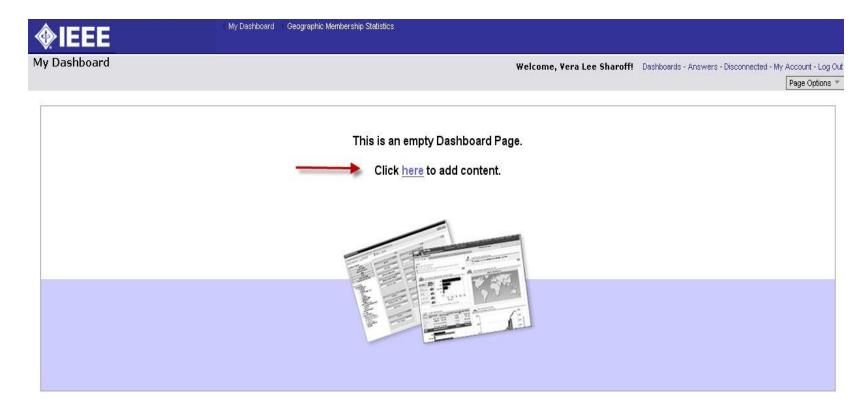


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About Us	Membership	Publications	Conferences	Standards	Careers	Education	Volunteers	Societies	Geographic Activi
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New Fea	tures								
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			<	< Access	SAMIEEE	>>			
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## **Opening Dashboard**



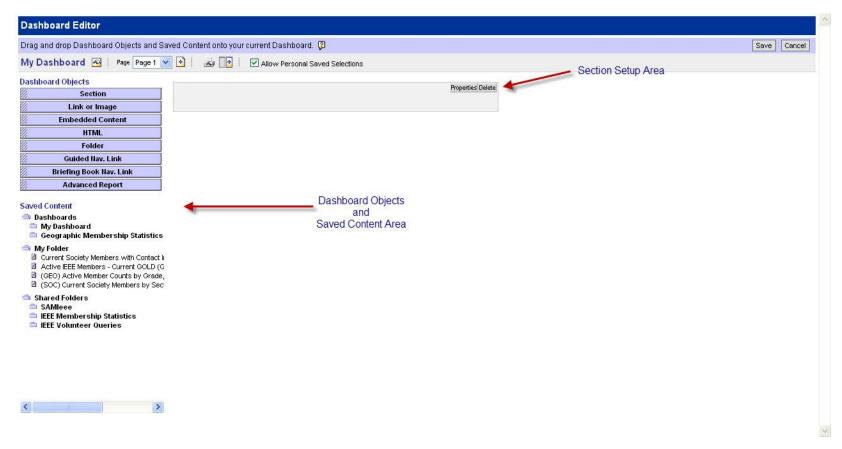
Click to add content at middle of screen



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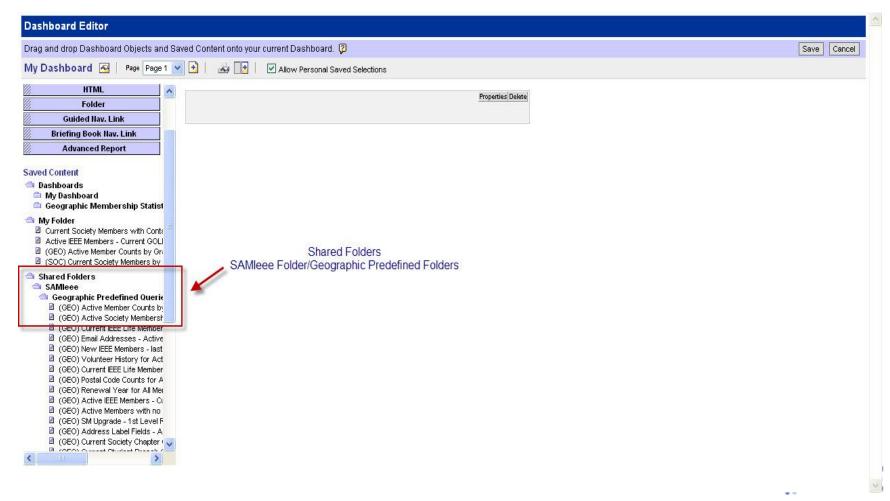
## Selecting Queries available from "My Folder" or "Shared Folders" to pull into the dashboard





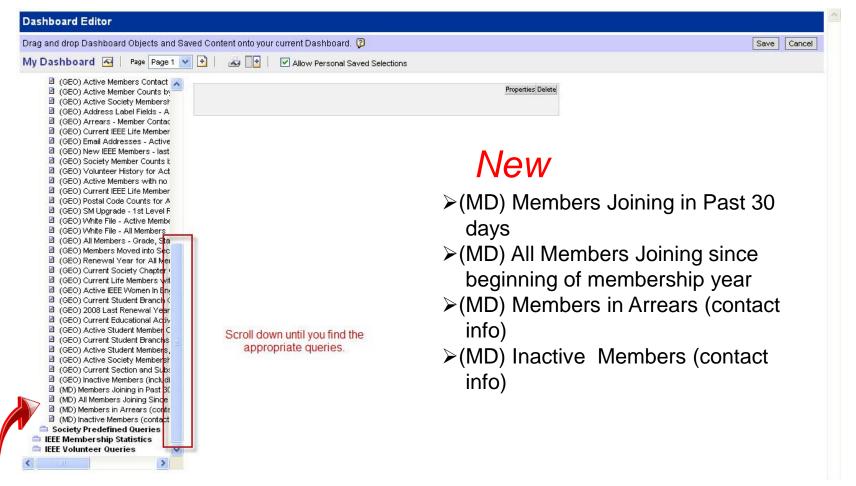


## Find "Shared Folders", Click on SAMIEEE to open, Click on Subfolder "Geographic Predefined Queries"





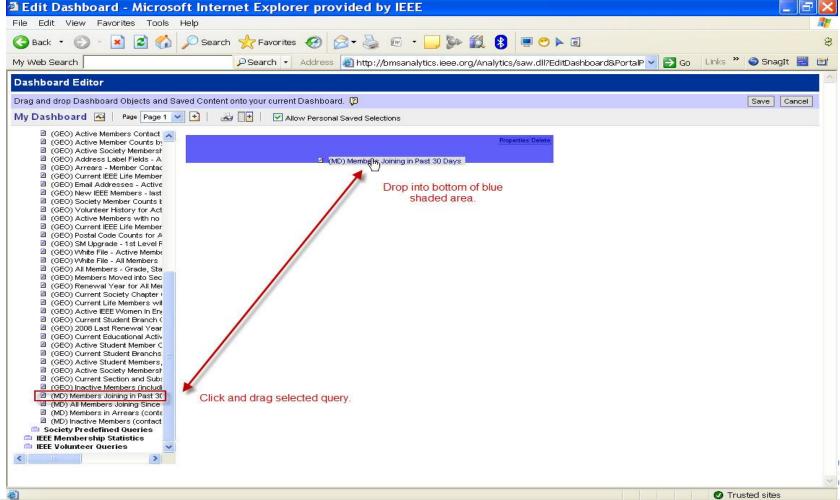
#### **NEW** Files in Predefined Queries – labeled (MD)





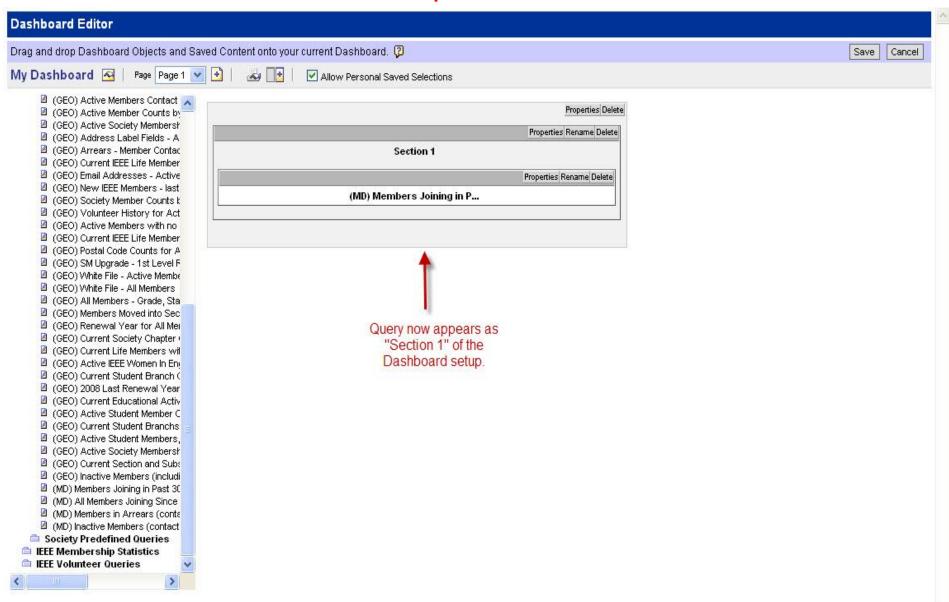


# Find the document(s) you want to select. Left mouse click and drag (individually) to the blue shaded area on right and drop the file

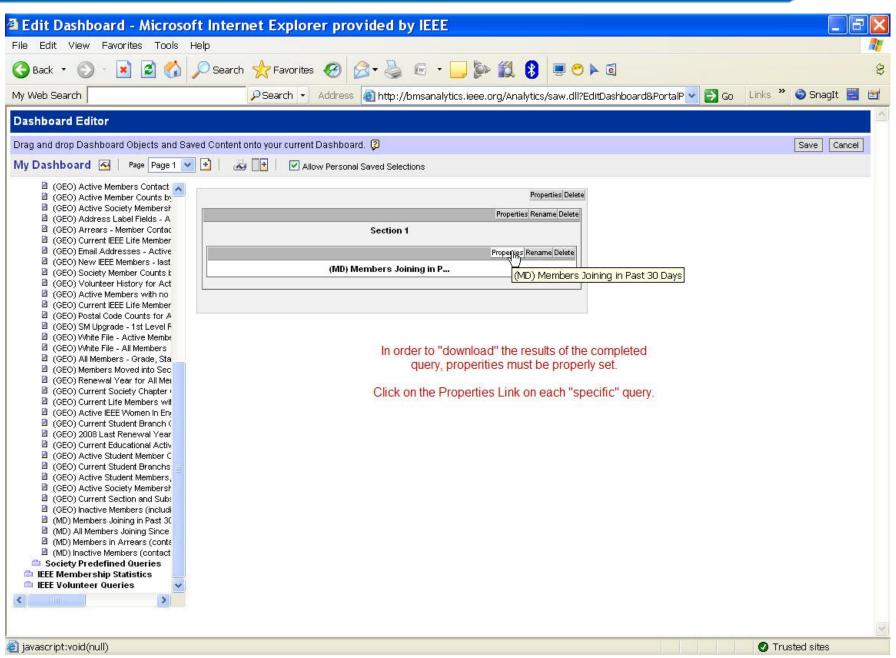




#### Dashboard Set up

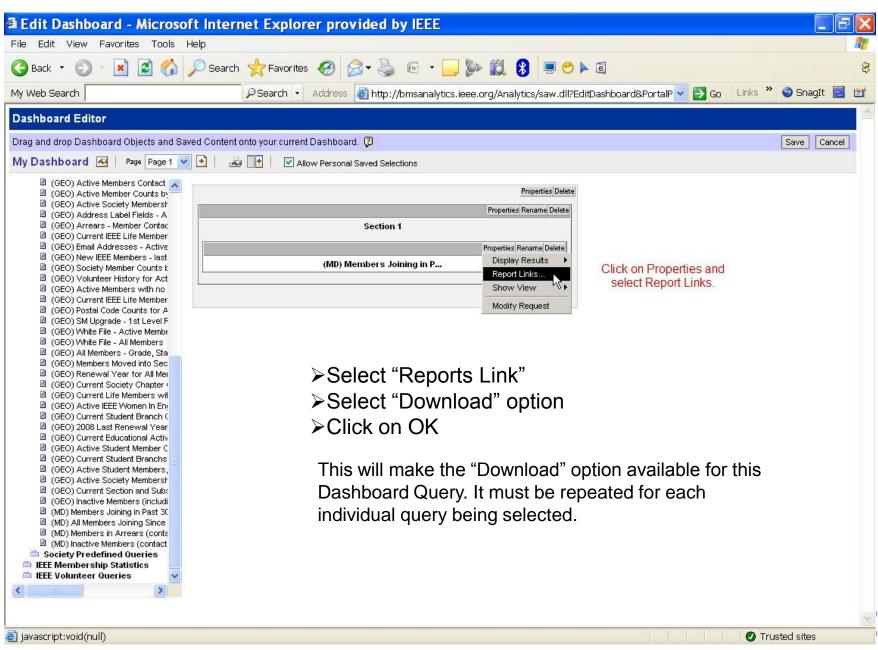






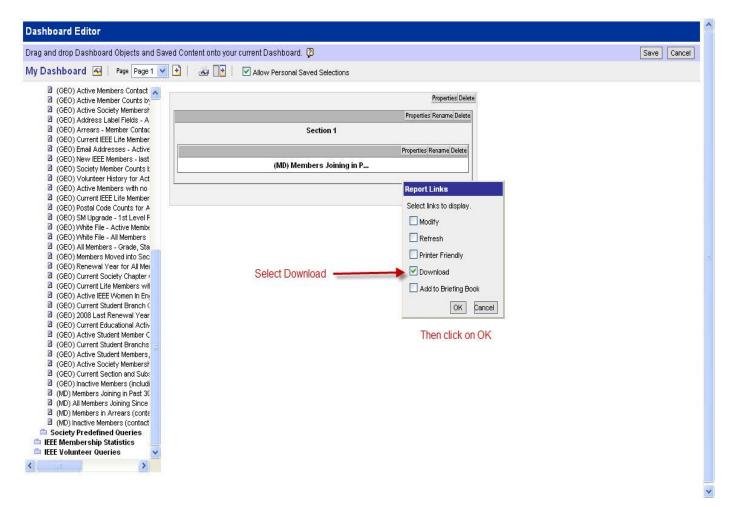


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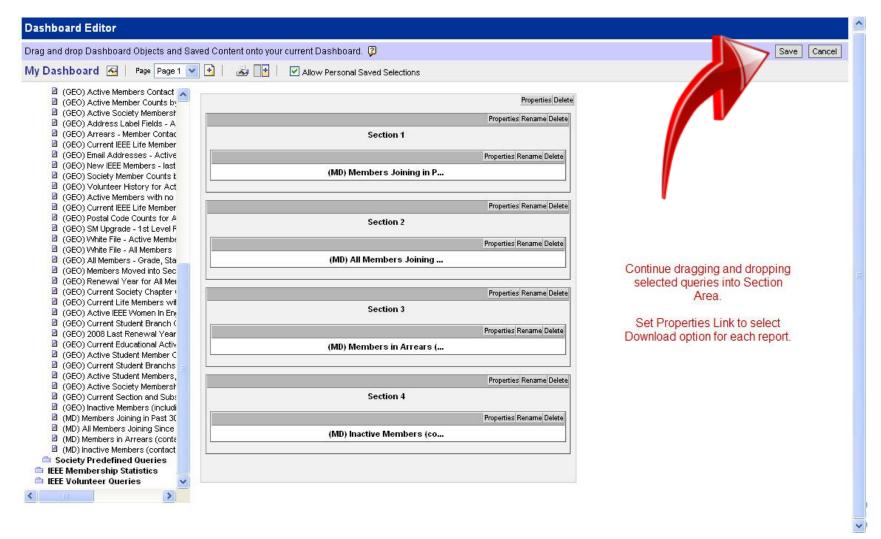
### **Completing the Query Download**



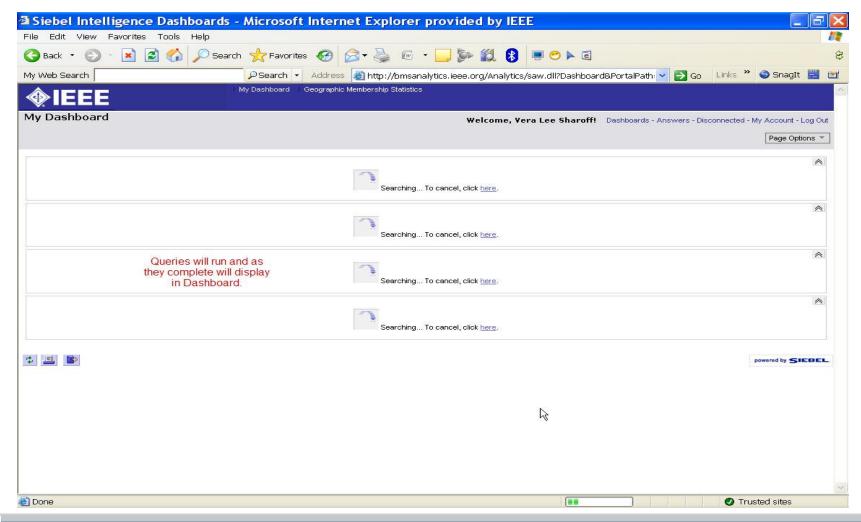




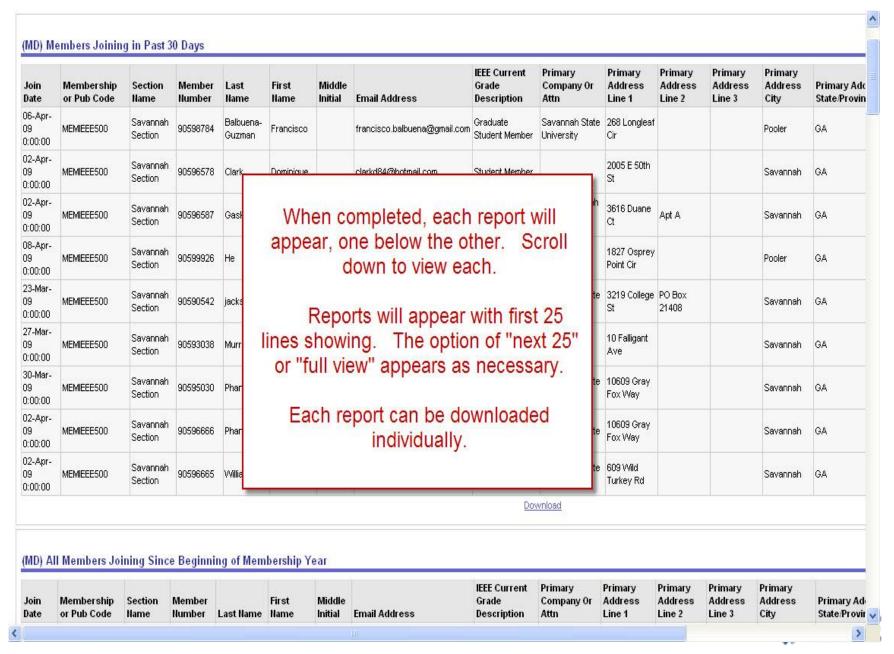
## Complete the query selection and set properties, time to *SAVE!*



Queries will run/refresh each time you open your dashboard. Once the queries have completed pulling the data, they will all appear in your dashboard.

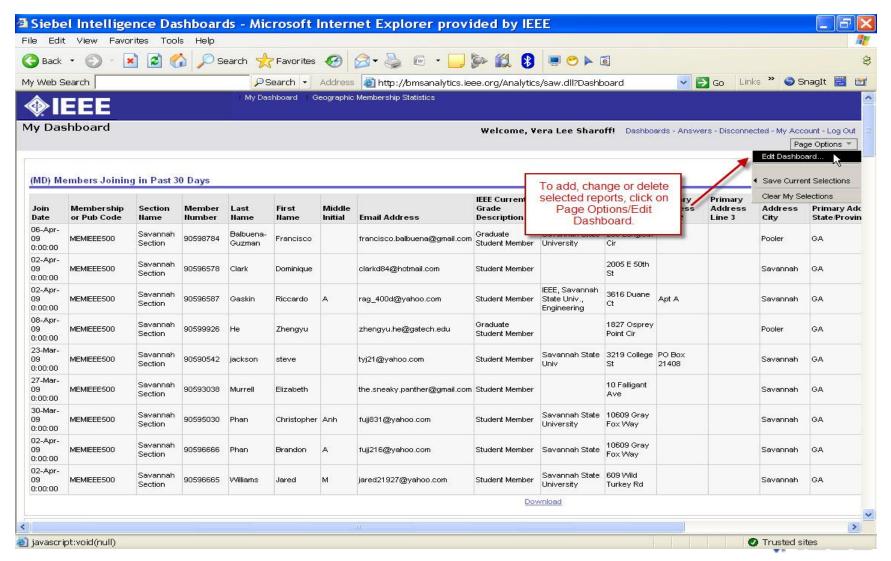






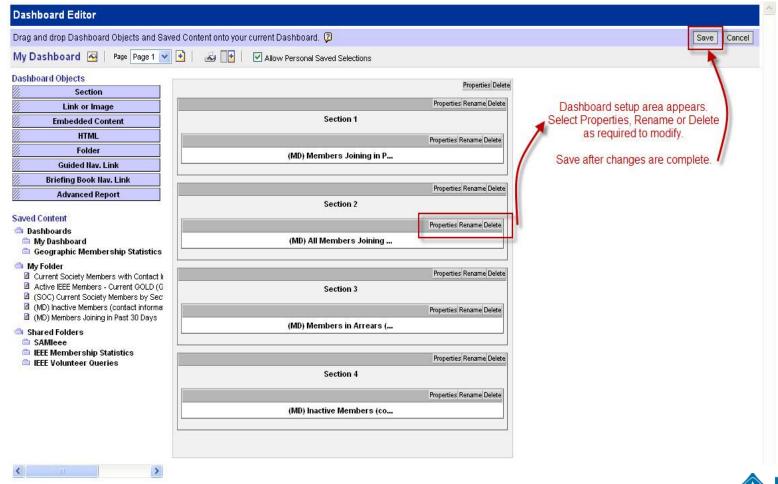


#### To add, change or delete selected reports





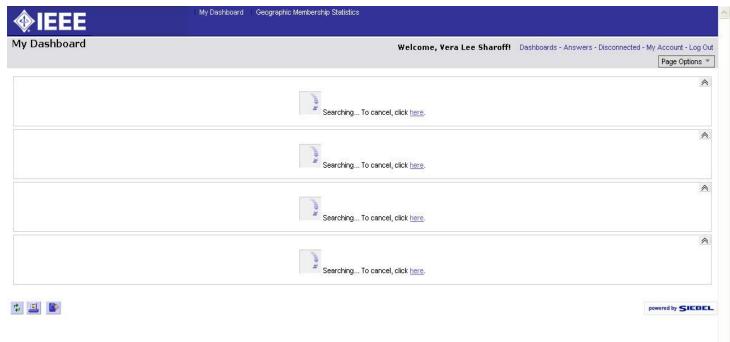
### Completing changes and save







### Re-entering the Dashboard



Queries will run/refresh each time you open your dashboard. Note: refresh can complete at different times for each query selected. Once the queries have completed pulling data, they will all appear in your dashboard.





## **Printing your queries**

- Queries can be printed to a HTML or PDF formatted page
- To pull into Excel, user must highlight and copy each report individually and paste into an Excel spreadsheet.
- From Excel you can then sort the data and rearrange columns as you wish
- Any refining of the process to print will be forwarded



#### <u>Appendix</u>

## **NEW** International Phone Numbers MD Webcast







#### U.S. and Canada 866 740 1260 Participant Dial in Code: 2130028 Toll-free numbers

Argentina: 08006663397 Australia: 1800701937 Austria: 0800293053 Brazil: 08008916997 Bulgaria: 008001171111

Chile: 12300208970 China: 8008190031

Colombia : 018005180865 Croatia : 0800223264

Czech Republic: 800700965

Denmark: 80889269 Estonia: 8000100335 Finland: 0800116654 France: 0800911922

Germany: 08001807083 Hong Kong: 800968283 Hungary: 0680019056 India: 0008001007108

Indonesia: 0018030176654

Ireland: 1800949100 Israel: 1809457755 Italy: 800788945

Japan : 00531160882 Latvia : 80003911

Lithuania: 880031204

Malaysia : 1800813988 Mexico : 0018005146622 New Zealand : 0800451321

Norway: 80019903

Panama: 008002266830

Peru: 080054557

Poland: 008001124244 Portugal: 800819841

Russia: 81080027371012 Singapore: 8001012058 South Africa: 0800983485

Spain: 900947647 Sweden: 020796588

Switzerland: 0800896799

Taiwan: 0809090672

Thailand: 0018001562051400

Ukraine: 0800504799

United Kingdom: 08004961447

Uruguay : 00040190457 Venezuela : 08001029601



