

IEEE Region 6 Southwest Area Meeting

Director's Remarks – Fall 2018

Kathleen A. Kramer

IEEE - Advancing Technology for Humanity

Actions need to speak louder than taglines.

- ▶ ***Inspire, Enable, Empower and Engage Members of IEEE***
 - The people, the industry and the culture of our region have global impact and responsibility
- ▶ We help our members to advance technology-
 - Technical Activities underlies all our activities
- ▶ We advance for humanity with technology :

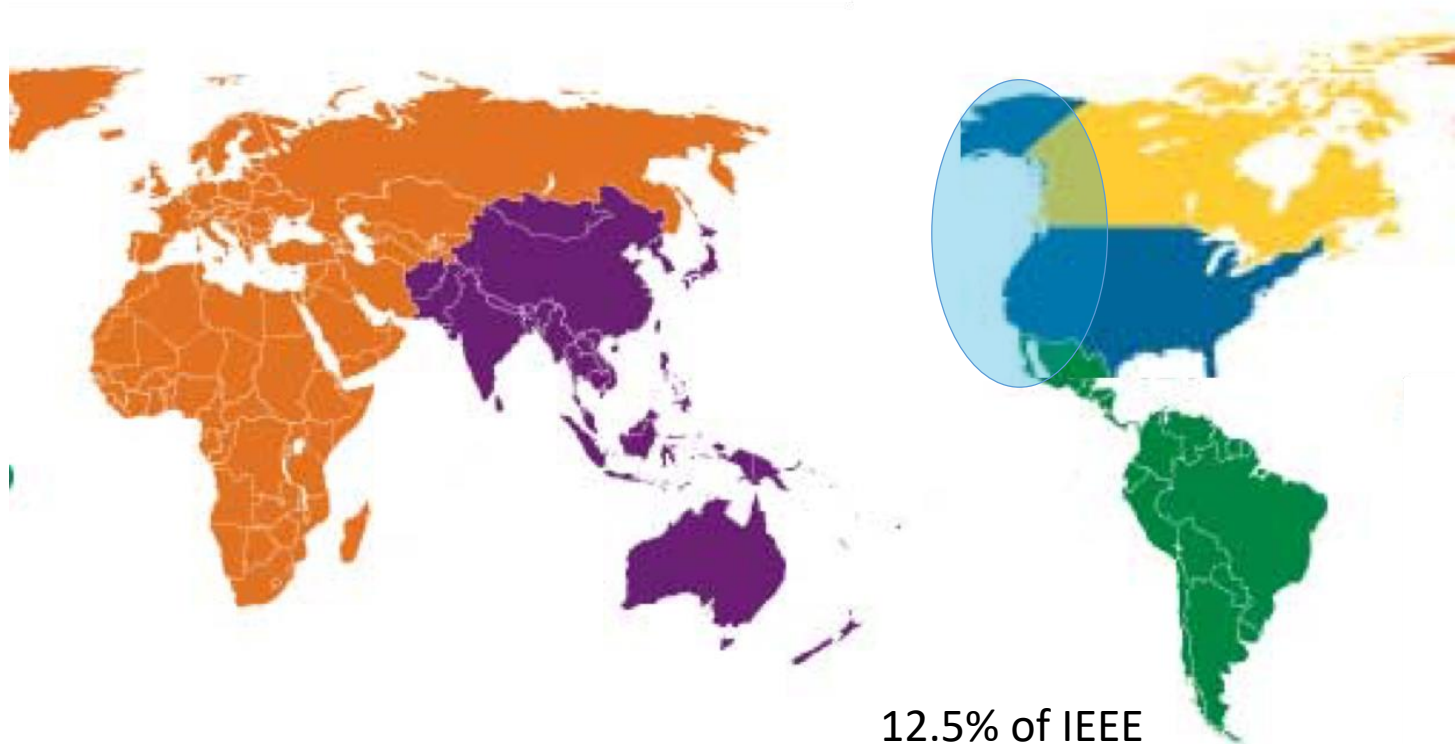
Our public imperatives

- Student and College Activities
- STEM/Pre-College Activities
- Humanitarian Activities
- Government Relations
- History
- Ethics
- (Public Visibility)



Anchorage

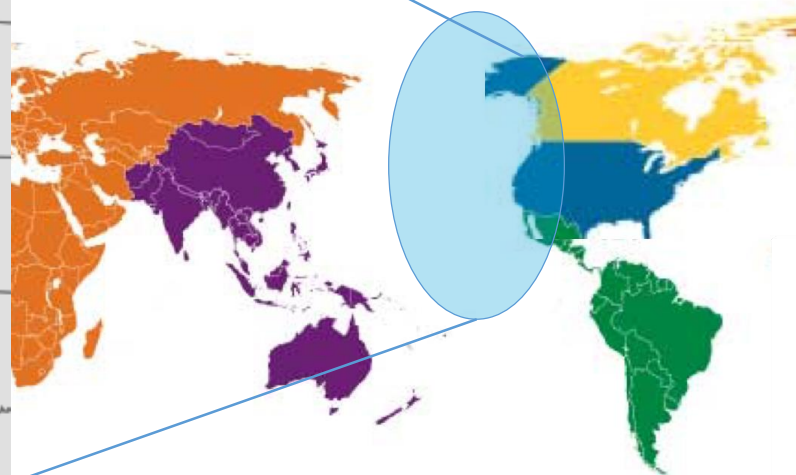
► You are here!



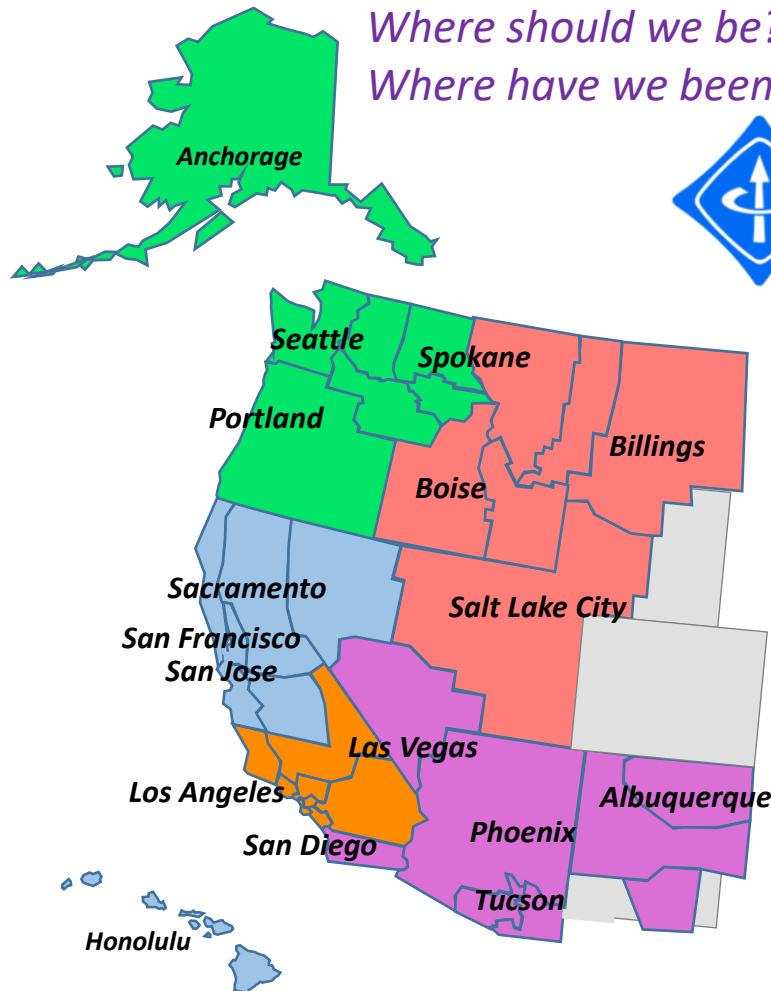
12.5% of IEEE
Over 52,000 members



We are here!



*Where should we be?
Where have we been?*

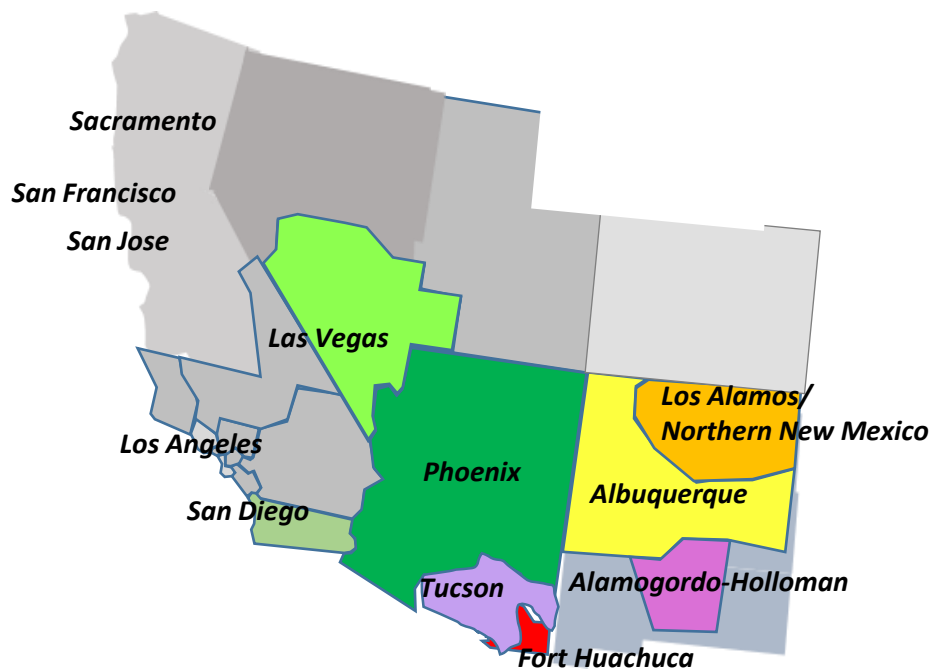


IEEE Region 6

- Central Area
- Northwest Area
- Northeast Area
- Southwest Area
- Southern Area



IEEE Region 6 Southwest Area



- AlamoGordo - Holloman
- Albuquerque
- Fort Huachuca
- Las Vegas
- Los Alamos / Northern New Mexico
- Phoenix
- San Diego
- Tucson

Region 6	2017	2016	2015	2014	2013
Alamogordo-Holloman Section	15	18	16	16	20
Alaska Section	346	371	440	459	435
Albuquerque Section	1161	1150	1180	1206	1220
Boise Section	542	562	580	546	569
Buenaventura Section	737	770	782	797	829
Central Coast Section	886	857	924	993	1073
Central Montana Section	127	129	140	157	150
Central Washington Section	84	78	76	88	86
China Lake-Bakersfield Section	195	209	220	243	216
Coastal Los Angeles Section	2117	2235	2310	2345	2452
Eastern Idaho Section	206	200	211	199	193
Eastern Montana Section	122	122	119	127	124
Foothill Section	1235	1250	1211	1202	1353
Fort Huachuca Section	90	101	107	102	113
Hawaii Section	616	651	653	685	753
Las Vegas Section	484	521	550	556	566
Los Alamos/Northern New Mexico Section	271	255	266	271	269
Metropolitan Los Angeles Section	1630	1545	1594	1699	1750



**Outstanding Section Membership
Recruitment and Retention Performance**

Region 6	2017	2016	2015	2014	2013
Northern Nevada Section	362	377	379	375	364
Oakland-East Bay Section	4072	4141	4325	4161	4225
Orange County Section	2884	2946	3015	3065	3194
Oregon Section	3534	3563	3657	3796	3913
Palouse Section	341	326	334	339	340
Phoenix Section	2947	3085	3113	3239	3282
Richland Section	328	345	345	368	376
Sacramento Valle	1662	1652	1668	1665	1793
San Diego Section	3966	4091	4319	4382	4437
San Fernando Val	961	1043	1102	1156	1175
San Francisco Sec	1981	1962	2047	2030	2074
Santa Clara Valley	1187	11492	11923	11972	12181
Seattle Section	1245	4223	4338	4306	4388
Spokane Section	279	263	266	283	280
Tucson Section	814	813	845	838	859
Utah Section	1242	1254	1308	1344	1396
Western Montana Section	141	134	142	153	160
Grand Total	51810	52734	54505	55163	56608



Outstanding Section Membership
Recruitment and Retention Performance

		2016	2017
Albuquerque Section	New Mexico Inst of Mining & Tech	24	17
	New Mexico Univ of	104	103
Fort Huachuca Section	University of Arizona South	9	9
Las Vegas Section	Nevada Univ of-Las Vegas	44	38
Phoenix Section	Arizona State Univ-Polytechnic	34	19
	Arizona State Univ-Tempe	307	257
	DeVry University-Phoenix	14	6
	Embry Riddle Aeronautical Univ-Arizona	23	22
	Grand Canyon University - NEW		15
	Northern Arizona Univ	22	22

		2016	2017
San Diego Section	San Diego State Univ	63	55
	San Diego Univ Of	21	29
	Univ California Of-San Diego	420	367
Tucson Section	Arizona Univ of	97	81
	Branches have only until this Thursday to do their branch activity report (and get the rebate)		

		2017	2018
Hawaii Section	University of Hawaii Manoa	45	41
Northern Nevada Section	University of Nevada - Reno	87	92
Oakland-East Bay Section	CSU-Fresno	129	84
	CSU-East Bay	31	26
	DeVry University -Sacramento	2	1
	Devry University-Fremont	8	6
	Northwestern Polytechnic Univ	7	3
	(UC Merced)		(11)
	UC-Berkeley	445	373
Sacramento Valley Section	CSU-Chico	50	31
	CSU-Sacramento	54	52
	UC Davis	80	82
	University of the Pacific	14	10

		2017	2018
San Francisco Section	City College of San Francisco	20	16
	San Francisco State University	32	32
	Sonoma State University	4	6
Santa Clara Valley Section	Northeastern University – Silicon Valley	(new)	23
	UC Santa Cruz	88	82
	San Jose State University	198	205
	Santa Clara University	44	33
	Stanford University	195	204
	U S Naval Postgraduate School	13	30

- ***2017: Create the Next Generation of IEEE***
- ***2018: Transforming IEEE as an organization for the 21.x Century***

- *What are the greatest accomplishments in the Area sections?*
- *What do your members need and want?*
- *What do your student members need and want?*
- *YPs and other nextgen?*

For Region 6 – We've Been Transforming our IEEE as an organization for the 21.x Century

Inspire, Enable, Empower and Engage Members of IEEE

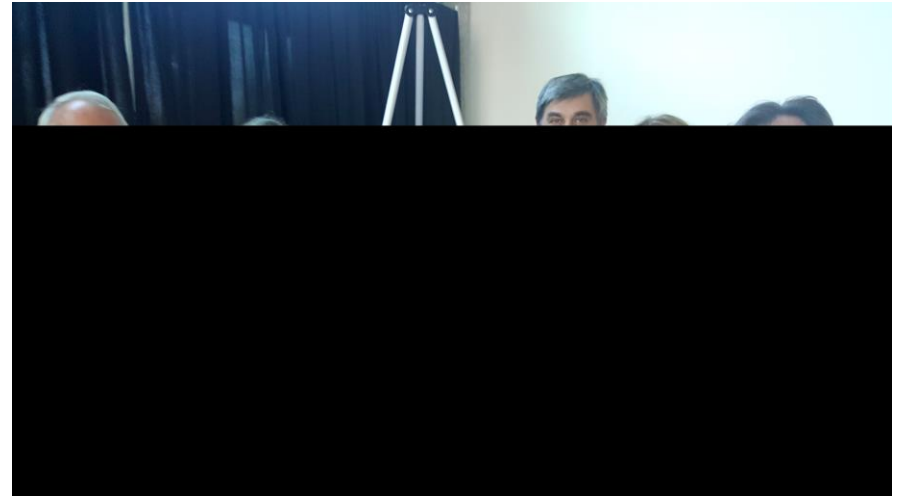
Advance technological innovation and excellence for the benefit of humanity

- ▶ Transformation starts with students.
- ▶ Young Professionals, Women in Engineering, and Professional Activities next phase.
- ▶ Recognized by global YP as only US region with major success.
- ▶ Public Visibility – Led initiative to bring these topics local
- ▶ Bylaws (done) and Budget
- ▶ ELECTRONIC COMMUNICATION –need to get there in 2018.
 - Major success: Quarterly Enotice
 - Major success: Social Media- #1 in the US
 - Not there yet: Web

News for Fall

Region 6 Milestones – Two More! What's next?

- ▶ Double on August 15. Birthplace of Silicon Valley and Moore's Law
- ▶ PES Stelfie Contest at first AC Power site milestone.



News for Fall

Innovation from and with Students

- ▶ OSU Data Center Road Show
- ▶ Maker Faire Bay Area 2018
- ▶ **Exemplary Student Branches 2018:**
 - Portland State University
 - University of California Los Angeles
 - USC
 - Oregon State University

Larry K. Wilson Award (the student most responsible for an extraordinary accomplishment associated with student activities)

Matthew Harrison of Oregon State University



News for Fall

Our Young Professionals – Having Worldwide Impact

- ▶ Rising Stars
- ▶ YP in the Pacific Northwest

Register by
November 15: [IEEE
Rising Stars](#) is the
premier event for
both Young
Professionals and
Students will be
held in Las Vegas
January 4-6 ahead
of CES.



The IEEE PNW Young Professional Summit is slated to rotate annually across **Seattle**, **Vancouver BC**, and **Portland** is encouraging active networking and engagement among its IEEE PNW YP members. The 2019 PNW YP conference is scheduled to take place in Seattle, WA in July 2019.

News for Fall

Region 6 WIE Leadership

- ▶ WIE-ILC – Fifth year in San Jose and now R6 WIE chairing Austin in 2019
- ▶ WIE Tech Summit for Women in National Laboratories

Organized by Heather Quinn section chair of LANNM section, The one-day meeting occurred at Fuller Lodge in Los Alamos, NM, USA on August 7, 2018. It was on the topic of **women in government service at the national laboratories (and similar)**. We had participation from Los Alamos National Laboratory (LANL), Sandia National Laboratory, Pacific Northwest National Laboratory, Lawrence Berkeley Laboratory, the Air Force Research Laboratory, and the state of NM. next year at the Pacific Northwest National Laboratory in Washington state.



News for Fall

IEEE Events/New

- ▶ IEEE Day activities including Video from R6 (Abdur Rehman) - check it out. If you didn't do one – get it ready for next October first Tuesday.
- ▶ IEEEExtreme was 10/19
 - 41 R6 teams
 - UCI-6th, UCI-7th, Northwest Nazarene-8th Berkeley-10th, Berkeley-11th
- ▶ OU Analytics group
- ▶ Conferences – need your involvement and support
 - GHTC, TTM, Sustech



Strategic Initiatives – Going Local

Lead the way by bringing more together

- ▶ Our mission is to enable and inspire all members from all types across our geography --.
 - We represent all kinds of members and are transforming our activities to draw and and serve underrepresented and affinities.
- ▶ Our mission is to enable and inspire from pre-college through career
 - We are called to lead the way. SPA-X, PACE-X, STEM-X.

We are unique among all regions in the degree to which we regard our members not based upon where they were born but where they are contributing to advancing technology for humanity.

IEEE –Today in the R6 Southwest Area

Sharing successes, opportunities and lessons learned...

- ▶ All those topics and more, we worked to charge up section chairs on at the Opcom at SFO
- ▶ What's I hope happens today...
 - Money Talks
 - Professional and Educational Activities
 - Best Practices from Sections
 - What will it be? Milestones, Recognition, Vitality, Visibility...?
 - Cool tech?
 - Student Activities Awesomeness and Student Professional Awareness
 - Young Professionals and WIE
 - Rising Stars, Sustech
 - Anyone need some OU Analytics?

Remember the Rules

Advance technological innovation and excellence for the benefit of humanity

- ▶ Be cool. Be creative.
- ▶ Use our superpowers for good.
- ▶ Don't be boring.

