

Attachment 12

Membership Spring Report (submitted by Joe Pickel)

- Membership at 1057 as of January 31; per February teleconference, slight uptick noted in previous months
 - o Portion of positive growth attributable to CANN subdivision recruitment
- Demographics report attached; Chart showing members by years of service below- trends noted
 - o Performance in recruiting new members (numbers of members with 1 year of service) is declining
 - o Performance in ability to retain members (numbers of members with 2+ years of service) is generally steady...

Members by years of service (Jan 2013 through 2016)

Group	Jan-13	Jan-14	Jan-15	Jan-16
0	14	13	5	8
1	500	393	212	160
2	134	119	124	86
3	85	98	87	84
4	76	55	77	75
5	52	60	55	66
6 to 10	156	144	146	156
11 to 15	170	132	118	96
16-20	121	115	117	130
21-25	76	78	74	71
26-30	70	61	66	56
31-35	39	48	49	54
36-40	5	14	13	15
Total	1498	1,330	1,143	1,057

- Other notes:
 - o ACS Divisional Activities Committee announces (Feb2016) Focus on improving ACS assistance to Membership Chairs... waiting for more info on this
 - o CHAS Strategic Planning task 4 (membership) stalled and in need of

reboot.

- Noted at Fall15 meeting that DCHAS has highest effective membership dues -competitive dues, but mandatory product (journal). Impact on ability to recruit/retain requires thoughtful discussion.

- § Lack of data- current (long term) membership has by their presence determined that high membership cost is worth it, but feedback obtained from departing members is limited and no simple mechanism to understand why folks we think should be joining the division are not

- § CANN has solicited corporate sponsorship to support small number of new membership- could this be expanded across division?

- Actions/Discussion Requested

- Request additional assistance / volunteers for membership committee and Task 4 Actions; opportunities for newer members wanting to become more involved.

- Request input on novel approaches to improving recruitment/retention in light of constraints;

- How to improve coordination of activities (programming, outreach, publicity, etc.) to support recruitment efforts and increase retention through increasing value to new members

**American Chemical Society
Demographics Report**

Highest Degree Received			Field of Research			Industry		
Group	Count	%	Group	Count	%	Group	Count	%
Associate	4	0.38	Agriculture/Food science	6	0.57	Academic Institution	389	36.80
Bachelor	134	12.68	Analytical Chemistry	34	3.22	Engineering/Construction Firm	13	1.23
Doctorate	180	17.03	Applied Chemistry	11	1.04	Government	76	7.19
High School	6	0.57	Biochemistry/Molecular Biology/Biomaterials	10	0.95	Hospital/Clinic	8	0.76
Master	190	17.98	Biotechnology/Applied Microbiology	8	0.76	Independent Consulting	106	10.03
N/A	543	51.37	Chemical Information	2	0.19	Independent Laboratory	38	3.60
Total	1,057	100.00	Computational/computers/informatics	2	0.19	Manufacturer - Industrial chemicals	54	5.11
Degree Discipline			Education	44	4.16	Manufacturer - Other	92	8.70
Group	Count	%	Energy/Petroleum	11	1.04	Manufacturer - Petrochemical	18	1.70
Agricultural/food chemistry	4	0.38	Engineering	11	1.04	Manufacturer - Pharmaceutical Co	33	3.12
Analytical chemistry	28	2.65	Environmental Science	49	4.64	Manufacturer-Agricultural	6	0.57
Biochemistry	32	3.03	Forensic	6	0.57	Manufacturer-Biotech/life sciences co	14	1.32
Biotechnology	5	0.47	Green Chemistry/Sustainable Chemistry	4	0.38	Manufacturer-Environmental/water	6	0.57
Business administration	22	2.08	Health & safety	154	14.57	Manufacturer-Food/beverage/flavors	14	1.32
Chemical education	10	0.95	Inorganic chemistry	16	1.51	Public Utility/Transportation	7	0.66
Chemical engineering	27	2.55	Instrumentation design/development	3	0.28	Retail/Wholesale Trade	7	0.66
Clinical chemistry	1	0.09	Legal	1	0.09	Other	77	7.28
Computer science	1	0.09	Materials science	12	1.14	No Response	26	2.46
Environmental chemistry	21	1.99	Medicinal/clinical	7	0.66	N/A	73	6.91
General chemistry	79	7.47	Organic chemistry	38	3.60	Total	1,057	100.00
Inorganic chemistry	42	3.97	Paints/coatings	5	0.47			
Materials science	3	0.28	Pharmaceutical	16	1.51			
Medicinal/pharmaceutical chemistry	8	0.76	Physical chemistry	7	0.66			
Organic chemistry	62	5.87	Plastics/Polymers/Rubber	12	1.14			
Other chemical sciences	5	0.47	Toxicology	13	1.23			
Physical chemistry	27	2.55	Other	79	7.47			
Polymer chemistry	6	0.57	N/A	496	46.93			
Other	127	12.02	Total	1,057	100.00			
N/A	547	51.75						
Total	1,057	100.00						

**American Chemical Society
Demographics Report**

Job Title			Department			Benefits		
Group	Count	%	Group	Count	%	Group	Count	%
Chemical Technician	16	1.51	Analysis	14	1.32	ACS Network	164	7.51
Chemist/Scientist	130	12.30	Corporate Management	33	3.12	C&EN	379	17.35
Consultant/Advisor	48	4.54	Lab Management	30	2.84	Career counseling and resources	25	1.14
Engineer	27	2.55	QC/Assurance/Validation	12	1.14	Community activities	66	3.02
Executive Management	72	6.81	Regulatory	84	7.95	Educational resources and tools	69	3.16
Graduate Student	18	1.70	Research & Development (R&D)	67	6.34	Legislative Action Network	25	1.14
Health & Safety/Regulatory Affairs Manager	256	24.22	Research & Teaching	39	3.69	Local Sections	149	6.82
Post Doctoral/Fellow Researcher	3	0.28	Sales/Marketing/Business Development	7	0.66	National or Regional Meetings	125	5.72
Process/Quality Control Manager	19	1.80	Teaching	81	7.66	Newsletters	169	7.73
Production/Operations Manager	16	1.51	Technical Services	34	3.22	None	41	1.88
Professor/Instructor/Administrator	169	15.99	Other	72	6.81	Personal Benefits	61	2.79
Purchasing Manager/Buyer	1	0.09	N/A	584	55.25	Professional Education and Professional Development	62	2.84
Research & Development Management	71	6.72	Total	1,057	100.00	Technical Divisions	205	9.38
Sales/Marketing/Business Development	8	0.76	Geographic Area			Web Edition publications	110	5.03
Supervisor/Project Leader/Foreman	39	3.69	Group	Count	%	Other	19	0.87
Undergraduate Student Member	1	0.09	International	91	8.61	N/A	516	23.62
Other	61	5.77	United States	966	91.39	Total	2,185	100.00
No Response	24	2.27	Total	1,057	100.00			
N/A	78	7.38	Disability					
Total	1,057	100.00	Group	Count	%			
			No	423	40.02			
			Yes	18	1.70			
			No Response	16	1.51			
			N/A	600	56.76			
			Total	1,057	100.00			

**American Chemical Society
Demographics Report**

Products			Country of Citizenship		
Group	Count	%	Group	Count	%
Chemical ingredients	166	9.43	Algeria	1	0.09
Chromatography products	99	5.62	Australia	3	0.28
Computational	42	2.39	Belgium	1	0.09
Contract management services	53	3.01	Botswana	1	0.09
HPLC	68	3.86	Brazil	1	0.09
Laboratory products	192	10.90	Cameroon	1	0.09
LIMS	26	1.48	CANADA	14	1.32
Mass Spectrometers	54	3.07	China	2	0.19
NMR	30	1.70	Germany	1	0.09
None	122	6.93	Hong Kong	1	0.09
Pharmaceutical ingredients	16	0.91	India	1	0.09
Spectroscopy	75	4.26	Israel	1	0.09
Supercritical fluid chromatography	5	0.28	Italy	2	0.19
Thermal analyzers	18	1.02	Japan	2	0.19
Water purification systems	62	3.52	Mexico	2	0.19
Other	77	4.37	Nepal	1	0.09
N/A	656	37.25	Nigeria	1	0.09
Total	1,761	100.00	Poland	1	0.09
			Portugal	1	0.09
			Qatar	1	0.09
			Romania	2	0.19
			Spain	1	0.09
			Switzerland	1	0.09
			United Arab Emirates	1	0.09
			United Kingdom	2	0.19
			UNITED STATES	412	38.98
			N/A	599	56.67
			Total	1,057	100.00