

Membership Fall 2017 Report; Submitted by Joe Pickel

- Membership at 1122 as of 7/31/16 (Demographics Report attached)
 - o Positive trend since beginning of 2016 (approx. +90 members)
- Propose replacing current membership form with more informative membership brochure/trifold (draft proposal attached)
- Work with webmaster to increase visibility of membership benefits
 - o Highlight/information for DCHAS-L added to www.dchas.org
 - o Join Us - Become a member
 - o Coming soon "become a volunteer"
- Review of DCHAS-L with webmaster (April 2014 report attached)
 - o DCHAS-L cited as best benefit of membership
 - o As of April 2016: 2073 subscribers
 - 1170 are "guests" (not on ACS-CHAS roster)
 - Some of these may be alt-email addresses for true CHAS members
 - o Discussion Question: Should we limit DCHAS-L to membership and short term trials?
 - Consider: sending regular reminder to list encouraging recipients to be members
 - Remove non-members except for short term trial memberships (3 or 6 months?) and VIPs (CCS members, Board of Directors?)--- Band width issue (webmaster/membership): would need someone to volunteer to do this
 - o Noted: ACS Membership process has significant delay, some issues with getting personnel added to list in a timely manner (also noted for Elsevier roles)
 - o Noted: Previously correlation that when list gets too busy requests for unsubscribing increase- this trend has decreased in recent months possibly indicating increasing value to recipients.



DCHAS-L List Serv

CHAS members receive access to the DCHAS e-mail listserv and archives. The DCHAS-L listserv is a forum for discussions of all things related to health and safety in the research lab (and beyond). This moderated list is populated by a diverse group of safety professionals with a wide range of backgrounds and careers who freely share their experiences, insight, and considerable knowledge base when members have questions and serve to mentor and assist safety professionals to help ensure their success. The list is also regularly populated with news of events and opportunities in the safety world.

Cannabis Chemistry Subdivision (CANN)

DCHAS is proud to announce the creation of the Cannabis Chemistry Subdivision (CANN) within DCHAS. The chemists of CANN are uniquely qualified to provide an outlet for dissemination of cannabis research, professional training, development and review of recommended best practices, and collaboration across multi-disciplinary fields of chemistry. As the medical and commercial cannabis industries grow, there will continue to be a need for qualified chemists.

WHY JOIN?

For Individuals: Membership in CHAS is a powerful tool for chemical health and safety professionals in industry, academia and government.

For Managers: If you supervise an employee who has responsibility for laboratory safety (including your institution's Chemical Hygiene Officer) there are important reasons to sponsor their membership in CHAS. Your employee will gain access to multiple cost-effective professional development opportunities

Membership benefits include:

- paper copies of and on line access to the [Journal of Chemical Health and Safety](#).
- a subscription to the divisional e-mail list [DCHAS-L](#).
- discounts to Division of Chemical Health and Safety professional workshops,
- notice of papers to be presented and social events at National Meetings.

Please join us in the work of this exciting, multi-disciplinary, and practical Division of the ACS.

VOLUNTEER OPPORTUNITIES

Your help is needed! CHAS is a volunteer based organization (521(x) not-for profit org?), and we are always looking for more help in every role from symposium organizers, to membership to elected positions. Volunteering provides a unique opportunity to network or grow in your profession. Contact membership@dchas.org for more information



www.dchas.org

*Improving
people's lives
through the
power of best
chemical health
and safety
practices*

*The ACS Division of Chemical
Health and Safety provides
authoritative technical resources
and mentorship in chemical
health and safety for all*

Membership Application

ACS Member # _____
Name _____
Address _____
City _____
State, ZIP _____
Country/Postal Code _____
Email _____

Membership Category	Membership Type	Dues*
<input type="checkbox"/>	Regular (ACS) Member	\$48.00
<input type="checkbox"/>	Division Affiliate	\$78.00
<input type="checkbox"/>	Society Affiliate	\$78.00
<input type="checkbox"/>	Student (Graduate or Undergraduate)	\$37.00
<input type="checkbox"/>	Emeritus	\$ 0.00

I would like to be a member of the Cannabis Chemistry Subdivision (no additional charge)

*Dues include subscription to JCHAS and access to DCHAS-List Service

Please Check one:

Payment type Check Credit Card
Card # _____

Expiration Date: _____
Signature (required regardless of payment method!)

Mail to:
ACS, Member and Subscriber Services
PO Box 182426
Columbus, OH 43218-2426
Phone: (800) 333-9511

Or Fax to: (614) 447-3671

WORKSHOPS

DCHAS Workshops are full day workshops scheduled for the Friday or Saturday prior to each National Meeting. Information on most current offerings and course descriptions can be found at www.dchas.org. Current offerings include:

- *Laboratory Waste Management*
- *Laboratory Safety*
- *Cannabis Extraction and Analysis*
- *How to be a More Effective Chemical Hygiene Officer*
- *Reactive Chemical Management for Laboratories and Pilot Plants*
- *Meeting Chemical Safety Expectations in Instructional Laboratories.*

The Journal of Chemical Health and Safety

All CHAS members receive electronic and hardcopy access to the Journal of Chemical Health & Safety (JCHAS). This journal includes peer reviewed technical articles, regular columns, news, and ideas relating to issues and advances in chemical health and safety. It's real-world information that chemical hygiene officers and others responsible for the safety of their workplaces can put to use right away.

PROGRAMMING

CHAS programs at every national meeting with oral and poster sessions focused on current safety issues, tools for improving safety posture, lessons learned and so much more

Awards

CHAS Awards are given out annually at the ACS Fall National Meeting. Award Categories are as follows:

The [Howard Fawcett Chemical Health and Safety Award](#) recognizes outstanding individual contributions to the field of Chemical Health and Safety.

The [Tillmanns-Skolnick Award](#) was established in 1984 to recognize and honor outstanding, long-term service to the Division of Chemical Health and Safety.

The [SafetyStratus College and University Health and Safety Award](#) is given to recognize the most comprehensive laboratory safety program in higher education (undergraduate study only).

[Service Awards](#) are given to the immediate past division Chair, Secretary and Treasurer at the end of their terms. The chair receives an ACS past chair's pin and all officers receive plaques.

[CHAS Fellows Program](#) recognize CHAS members in good standing who have provided continuous service to the division

Criteria for nominees and list of previous award winners and fellows can be found at DCHAS.org



WWW.DCHAS.ORG

**American Chemical Society
Demographics Report**

D529 - Chemical Health & Safety Division**As of 31 - Jul - 2016**

Member Type	Group		Age Group		Years Of Service		Hispanic		Ethnic Background	
	Count	%	Count	%	Count	%	Count	%	Count	%
Group	Count	%	11-20	2	0.18	0	6	0.53		
Division Affiliate	79	7.04	21-25	7	0.62	1	225	20.05		
Emeritus Member	79	7.04	26-30	21	1.87	2	93	8.29		
Regular Member	870	77.54	31-35	42	3.74	3	77	6.86		
Regular Student Member	31	2.76	36-40	52	4.63	4	77	6.86		
Retired Member	34	3.03	41-45	63	5.61	5	64	5.70		
Society Affiliate	18	1.60	46-50	98	8.73	6-10	159	14.17		
Student Member - UnderGrad	11	0.98	51-55	115	10.25	11-15	92	8.20		
Total	1,122	100.00	56	23	2.05	16-20	134	11.94		
			57	21	1.87	21-25	72	6.42		
			58	21	1.87	26-30	54	4.81		
			59	21	1.87	31-35	54	4.81		
			60	27	2.41	36-40	15	1.34		
			61	30	2.67	Total	1,122	100.00		
			62	22	1.96					
			63	28	2.50	Group	Count	%		
			64	21	1.87	No	413	36.81		
			65	14	1.25	Yes	36	3.21		
			66	23	2.05	No Response	27	2.41		
			67	15	1.34	N/A	646	57.58		
			68	22	1.96	Total	1,122	100.00		
			69	17	1.52					
			70	10	0.89	Group	Count	%		
			71+	131	11.68	African Descent or Black	24	2.11		
			N/A	276	24.60	Asian (Including Pacific Islanders)	45	3.96		
			Total	1,122	100.00	Native American (including Alaskan Native)	6	0.53		
						White (Caucasian)	631	55.55		
			Group	Count	%	Other	20	1.76		
			Female	322	28.70	N/A	410	36.09		
			Male	589	52.50	Total	1,136	100.00		
			n/a	211	18.81					
			Total	1,122	100.00					

**American Chemical Society
Demographics Report**

Highest Degree Received			Field of Research			Industry		
Group	Count	%	Group	Count	%	Group	Count	%
Associate	5	0.45	Agriculture/Food science	7	0.62	Academic Institution	423	37.70
Bachelor	146	13.01	Analytical Chemistry	35	3.12	Engineering/Construction Firm	12	1.07
Doctorate	216	19.25	Applied Chemistry	10	0.89	Government	69	6.15
High School	4	0.36	Biochemistry/Molecular Biology/Biomaterials	12	1.07	Hospital/Clinic	9	0.80
Master	212	18.89	Biotechnology/Applied Microbiology	10	0.89	Independent Consulting	111	9.89
N/A	539	48.04	Chemical Information	3	0.27	Independent Laboratory	46	4.10
Total	1,122	100.00	Computational/computers/informatics	2	0.18	Manufacturer - Industrial chemicals	55	4.90
Degree Discipline			Education	44	3.92	Manufacturer - Other	90	8.02
Group	Count	%	Energy/Petroleum	12	1.07	Manufacturer - Petrochemical	20	1.78
Agricultural/food chemistry	8	0.71	Engineering	11	0.98	Manufacturer - Pharmaceutical Co	33	2.94
Analytical chemistry	32	2.85	Environmental Science	42	3.74	Manufacturer-Agricultural	6	0.53
Biochemistry	39	3.48	Forensic	6	0.53	Manufacturer-Biotech/life sciences co	18	1.60
Biotechnology	7	0.62	Green Chemistry/Sustainable Chemistry	5	0.45	Manufacturer-Environmental/water	6	0.53
Business administration	18	1.60	Health & safety	150	13.37	Manufacturer-Food/beverage/flavors	17	1.52
Chemical education	14	1.25	Inorganic chemistry	15	1.34	Public Utility/Transportation	4	0.36
Chemical engineering	26	2.32	Instrumentation design/development	4	0.36	Retail/Wholesale Trade	8	0.71
Clinical chemistry	1	0.09	Legal	1	0.09	Other	77	6.86
Computer science	1	0.09	Materials science	12	1.07	No Response	32	2.85
Environmental chemistry	25	2.23	Medicinal/clinical	6	0.53	N/A	86	7.66
General chemistry	91	8.11	Organic chemistry	43	3.83	Total	1,122	100.00
Inorganic chemistry	44	3.92	Paints/coatings	5	0.45			
Materials science	3	0.27	Pharmaceutical	16	1.43			
Medicinal/pharmaceutical chemistry	7	0.62	Physical chemistry	9	0.80			
Organic chemistry	73	6.51	Plastics/Polymers/Rubber	13	1.16			
Other chemical sciences	9	0.80	Toxicology	13	1.16			
Physical chemistry	36	3.21	Other	77	6.86			
Polymer chemistry	6	0.53	N/A	559	49.82			
Other	141	12.57	Total	1,122	100.00			
N/A	541	48.22						
Total	1,122	100.00						

**American Chemical Society
Demographics Report**

Job Title			Department			Benefits		
Group	Count	%	Group	Count	%	Group	Count	%
Chemical Technician	19	1.69	Analysis	14	1.25	ACS Network	178	7.81
Chemist/Scientist	142	12.66	Corporate Management	32	2.85	C&EN	389	17.08
Consultant/Advisor	47	4.19	Lab Management	33	2.94	Career counseling and resources	26	1.14
Engineer	25	2.23	QC/Assurance/Validation	13	1.16	Community activities	68	2.99
Executive Management	78	6.95	Regulatory	83	7.40	Educational resources and tools	74	3.25
Graduate Student	20	1.78	Research & Development (R&D)	68	6.06	Legislative Action Network	27	1.19
Health & Safety/Regulatory Affairs Manager	254	22.64	Research & Teaching	42	3.74	Local Sections	154	6.76
Post Doctoral/Fellow Researcher	3	0.27	Sales/Marketing/Business Development	8	0.71	National or Regional Meetings	128	5.62
Process/Quality Control Manager	18	1.60	Teaching	79	7.04	Newsletters	165	7.24
Production/Operations Manager	18	1.60	Technical Services	33	2.94	None	44	1.93
Professor/Instructor/Administrator	192	17.11	Other	71	6.33	Personal Benefits	62	2.72
Purchasing Manager/Buyer	1	0.09	N/A	646	57.58	Professional Education and Professional Development	65	2.85
Research & Development Management	73	6.51	Total	1,122	100.00	Technical Divisions	210	9.22
Sales/Marketing/Business Development	9	0.80	Geographic Area			Web Edition publications	113	4.96
Supervisor/Project Leader/Foreman	32	2.85	Group	Count	%	Other	18	0.79
Undergraduate Student Member	2	0.18	International	115	10.25	N/A	557	24.45
Other	63	5.61	United States	1,007	89.75	Total	2,278	100.00
No Response	36	3.21	Total	1,122	100.00			
N/A	90	8.02	Disability					
Total	1,122	100.00	Group	Count	%			
			No	436	38.86			
			Yes	16	1.43			
			No Response	17	1.52			
			N/A	653	58.20			
			Total	1,122	100.00			

**American Chemical Society
Demographics Report**

Products			Country of Citizenship		
Group	Count	%	Group	Count	%
Chemical ingredients	177	9.41	Algeria	1	0.09
Chromatography products	110	5.85	Australia	3	0.27
Computational	42	2.23	Belgium	1	0.09
Contract management services	57	3.03	Botswana	1	0.09
HPLC	76	4.04	CANADA	15	1.34
Laboratory products	200	10.64	China	2	0.18
LIMS	27	1.44	Germany	1	0.09
Mass Spectrometers	61	3.24	Hong Kong	1	0.09
NMR	30	1.60	Italy	2	0.18
None	123	6.54	Japan	2	0.18
Pharmaceutical ingredients	16	0.85	Malaysia	1	0.09
Spectroscopy	82	4.36	Mexico	2	0.18
Supercritical fluid chromatography	5	0.27	Nepal	1	0.09
Thermal analyzers	21	1.12	Philippines	1	0.09
Water purification systems	69	3.67	Poland	1	0.09
Other	75	3.99	Portugal	1	0.09
N/A	709	37.71	Qatar	1	0.09
Total	1,880	100.00	Romania	2	0.18
			Spain	1	0.09
			Switzerland	1	0.09
			Trinidad and Tobago	1	0.09
			United Kingdom	2	0.18
			UNITED STATES	426	37.97
			N/A	652	58.11
			Total	1,122	100.00

April 2014 review of DCHAS-L recipients

In the past month, I have discussed with Ralph the possibility of providing all persons who visited the booth in San Diego a 6 month complimentary access to the DCHAS_List service. I knew this was something that we could do and in fact, I took advantage of this in the months before I decided to join CHAS. He agreed that this could be done and then we discussed the mechanism by which persons are removed from the list after their trial period is over... short answer is, that we do not remove persons from the list.

Ralph ran the numbers on the current list service recipients and came up with the following stats: The conclusion is that a large number (500-800) of the persons on the DCHAS-L address list are not (or no longer) part of CHAS.

Measure	Number
List as of April 2016	2073
No Name associated with email	147
Duplicates (person receiving DCHAS-L at >1 address)	151
Current Membership of DCHAS (from e-rosters)	1074
Approx Numbers in EXCESS (non-CHAS folks receiving DCHAS-L)	701

Ralph has also provided the following comments

- Usually when the list gets busy, I get a lot of requests for help unsubscribing. This has noticeably dropped in the last 6 months, so I think that the list is seen as increasingly high value among subscribers.
- The ACS membership process is not quick to respond to requests for membership or e-mail updates. I have a similar concern with the ACS - Elsevier connection; people often wait 6 months for their membership to show up in the Elsevier rolls. *The reason we aren't removing people now is that there is significant administrative overhead in the process, particularly as a result of the ACS time lag.*

The question for EC discussion is as follows: Is the DCHAS-List service a benefit that should be only given to members of CHAS, and in some cases to non-members (i.e. as a promotion/teaser to potential members of CHAS, or information resources to CCS Members or ACS Leadership)?

I suggest that the answer is yes (it is a restricted benefit) that should be used, among other benefits, to entice new members and retain existing members. To that end, I recommend the following:

- That the list be curated to remove non-members. So as to not burn bridges, we should communicate the reasons for doing this to the list (with the intended target being the non-CHAS members), provide a grace period (3-6 months?) prior to removing names, and provide every opportunity and argument for these folks to join with the assumption that these are our core constituents (Safety Professionals) that need to be part of the organization
- That the list be utilized to provide one-time promotional trials (3 months) to persons who may be inclined to join the division
- That someone be appointed to actively manage the DCHAS recipient list on a regular (quarterly?) basis to keep the list up to date with active members and manage any temporary list memberships such as 6 month promotional membership. (Note: this would be different than what RALPH is doing as moderator of the list!)
- That CHAS leadership work with ACS and Elsevier to resolve time-lag issues in processing membership to more swiftly provide access to member benefits