

**Division of Chemical Health & Safety**  
**Executive Committee ACS Spring 2021 Meeting**

Thursday, August 12, 2021 12:00pm to 1:00pm EST

Zoom Virtual Link <https://princeton.zoom.us/j/92215412283>

1. **Welcome from Chair** (Elston) ([attachment 1](#))
2. **Officer Reports**
  - a. Secretary (Wilhelm) ([attachments 2 & 3](#))
    - i. Approval of July minutes
    - ii. 2021 election outcomes
  - b. Treasurer (Koza) ([attachment 4](#))
  - c. Chair-Elect (Incarvito)
  - d. Immediate Past Chair (Izzo)
  - e. Councilors (Wood-Black, Decker)
  - f. Member-At-Large Report (Kuespert) ([attachment 5](#))
3. **Cannabis Subdivision Report** (Bramante)
4. **Old Business**
5. **New Business**
  - a. Division dues for upcoming year
6. **Reports of the Standing Committees**
  - a. Programming (Decker/Pickel) ([attachment 6](#))
  - b. Awards (Brown) ([attachment 7](#))
  - c. Long Range Planning (Sigmann) ([attachment 8](#))
  - d. Membership (Stuart) ([attachment 9](#))
7. **Reports of Other Committees**
  - a. Educational Program (Phifer) ([attachment 10](#))
8. **Liaison Reports**
  - a. NRCC (Phifer) ([attachment 11](#))
9. **Reminders and Adjournment**

## Chair Report Fall 2021 National Meeting

July 2021

Welcome to....Atlanta (maybe?)

Just when we thought we were seeing the light at the end of COVID tunnel, that pesky virus juked the human race and mutated to the virulent delta-variant. At this writing, ACS National has mandated mask-wearing indoors for all national meeting participants and has sent the yellow warning flag up that the Atlanta in-person may shift to all virtual. Many thanks to Debbie Decker and Joe Pickel for their dedication to our programming schedule that will go forth regardless of format!

A hearty congratulations to our new incoming officers: Dr. Dan Kuespert as 2022 Chair Elect, Mary Beth Koza, Treasurer, and Shannon Nephew, Member at Large. Thank you to everyone who participated in the election!

Through the efforts of Neal Langerman and Frankie Wood-Black, we have continued to strengthen our DEIR platform through starting to partner with the National Organization for the Advancement of Black Chemists and Chemical Engineers (NOBCChE). I anticipate that we will share some programming during upcoming meetings.

Our Cannabis Subdivision continues to prepare for their presentation to the Society for division membership. Their leadership, finances and plans are solid. Thanks to Russ Phifer, John Palmer and Mary Beth Koza for providing insight to Cannabis Subdivision leadership as they prepare to make their bid to become a Society division.

**Changes in Leadership:** Since our last meeting, Barbara Foster needed to step back from the transition to Awards Committee Chair. Many thanks to Brandon Chance for quickly filling in to take over our Awards Committee in 2022.

We continue to look for two energetic professionals to work with our current Programming Chairs (Debbie Decker and Joe Pickel) as they seek some well-deserved respite from their work. Debbie and Joe have brought us some awesome programming for as long as I can remember.

I cannot stress it enough: This division moves forward because of the whole-hearted dedication of individuals moving in the same direction with the same endpoint – connecting chemistry and safety. I am proud of our accomplishments so early in 2021. It will be an exciting remainder of the year!

In Atlanta or via the web, I wish everyone a great Fall 2021 meeting! Hopefully I will see many Division members in Atlanta!

Harry Elston

# DCHAS Executive Committee Conference Call Minutes

## Action Items

- DEIR work
- CHAS chat
- Programming Chairs needed

## Upcoming Calls

**Next call: August 12, 2021**

## Meeting Details

- Date and Time: July 15, 2021 at 12:02pm ET, adjourned at 12:56pm
- Connection Details: Call In Number – (669) 900-6833 Meeting ID: 92215412283
  - Online Alternative– <https://princeton.zoom.us/j/92215412283>
- Attendees: Julia Bramante, Kimi Brown, Brandon Chance, Debbie Decker, Harry Elston, Dave Finster, Ken Fivizzani, Marta Gmurczyk, Chris Incarvito, Robin Izzo, Mary Beth Koza, Dan Kuespert, Neal Langerman, Jessica Martin, Shannon Nephew, Monica Nyansa, John Palmer, Russ Phifer, Joe Pickel, Sammye Sigmann, Ralph Stuart, Ellen Sweet, Monique Wilhelm, Frankie Wood-Black

## Discussion

- **Introduction/Announcements (Harry)**
  - Reminder – August Meeting will be August 12 (regular time) (Robin – Zoom Schedule)
- **Approval of June Minutes (Monique) -approved**
- **Treasurer's Report (Mary Beth)**
  - 2021 year to date summaries
  - CHAS (includes CANN)
    - Total income \$ 56,109.73
    - Total Expenses \$ 20,567.58
      - includes Workshop fees, IGP grant payment, and CANN Awards
    - Net Income \$ 35,542.15 (\$5000 is donations received for CANN)
      - includes CANN donation \$5000, ACS dues and annual allocation of \$34,411 and workshop \$9,902.60
  - CANN
    - income \$5,200
    - expenses \$6,704.03
    - net income \$-1,504.03
  - If you have Amazon, please add CHAS as your Amazon Smile charity
- **Diversity, Equality, Inclusion, Respect Update (Neal)**
  - CHAS Chat (DEIR Focused) – Sammye/Debbie
    - Will not be held before National Meeting
    - Likely in September

- Last year, Thursdays at 4pm EST worked well
  - Putting together leading questions to guide conversation
  - Ralph has a CHAS Chat scheduled for October
- **Programming (Joe/Debbie)**
  - Atlanta - likely to be hybrid: virtual and in-person (Fall 2021)
    - Final program is finalized
    - In-person programming lunch Sunday at noon at convention center
    - Acceptance notices have gone out to authors
    - Sessions in World Congress Center
    - If you are registering as invited speaker, consult with Mary Beth
  - Beyond
    - Spring 2022 – San Diego
      - 6 sessions scheduled
    - Fall 2022 discussions are happening and will likely be hybrid
  - SWRM next Oct – Chem Health & Safety in your workplace led by Debbie
- **Workshops (Harry/Ralph/.Jessica)**
  - CHAS Fall workshops are all virtual and moved to early October
  - Will not have regular lineup for Atlanta Meeting.
  - Lab Safety – Oct 4<sup>th</sup>
  - Blame Free Accident Investigation – Oct 5<sup>th</sup>
  - Reactives – Oct 6<sup>th</sup>
  - Lab Waste Management – Oct 7<sup>th</sup>
  - CHO – Oct 8<sup>th</sup>
  - Leadership – Oct 16<sup>th</sup>
  - LST – 17<sup>th</sup>
  - CANN not offering at this time
  - Marta is working to get CHAS workshops more prominently displayed on the ACS website
  - Rethinking use of Eventbrite to register for workshops with Treasurer input
- **Regional Meetings Update (Mark)**
  - SERMACS 2021 Financial Support for Safety Programming (\$500) -approved
- **Website Update (Ralph)**
  - Shannon and Monica are new volunteers and are team members on this project
  - Goal to make it more user friendly for members and the general public
  - Focus groups for input – grad student, small school, Chem Ed groups
  - Compensating focus group participants
- **Member at Large Initiatives (Dan/Kendra/Ellen)**
  - Completion of CHAS-on-the-Road presentation

- Need to state that it is to be used as-is
  - How to distribute? Broadly to listserv
- **CANN (Julia)**
  - Working on some publication initiatives, admin manual, and division application
  - NRCC Cannabis Chemists Certification - hope to offer exam by year end
- **Other Business**
  - PubChem is interested in doing more to point people to safety information such as Bretherick's, SDSs. Looking for ideas to make that info friendlier
  - CAS has taken responsibility for Pistoia Chemical Safety library – is anyone interested in being on this project?
  - Workshop Planning – do we want to use IPG funding to do this?
    - How to make it sustainable and reach more chemists
    - Discussed possibility of hiring a consultant to assist with this
      - We have data spanning many years
    - Should this fall in as part of our strategic plan that we have the IPG for?
  - Robin will champion the Division Strategic Planning this fall
  - Brandon Chance is shadowing to take over as Awards Chair
  - We have 2 Programming Chair positions to fill – contact Harry, Debbie, or Joe

## **1 Attachment: SERMACS PROPOSAL**

Respectfully submitted,  
Monique Wilhelm

## **Secretary Report Fall 2021 National Meeting**

### **2021 Election Results for 2022 Board Positions**

1. CHAS Election
  - a. 194 responses (down from 274 last year)
  - b. Chair-Elect: Dan Kuespert
  - c. Treasurer: Mary Beth Koza
  - d. Member at Large: Shannon Nephew

# TREASURER'S REPORT

August 2021

Mary Beth Koza

Data as of August 4<sup>th</sup>, 2021

# Treasurer's comments

- Reimbursement requests due:
  - **15 Sept 2021**
  - Send reimbursement requests to
    - Mary Beth Koza ([mbkoza2@gmail.com](mailto:mbkoza2@gmail.com))
    - Note address changes in transmittal email & on form
  - All receipts in single PDF; XL file as Excel
  - Name files: Yourlastname\_VR 2021
  - Financial condition of CHAS: Good



# BALANCE SHEET SUMMARY

		As of ...	31 December 2019	31 December 2020	31 July 2021
ASSETS					
	Current Assets				
		Checking/Savings	\$80,121	\$168,115	\$202,865
	Investments				
TIAA-CREF inception value as of 1/6/2015 Reserve Goal: 1.5 x Operating Budget			\$116,444	\$133,499	\$143,733
		\$89,514 \$189,750			As of 6-30-2021
TOTAL ASSETS					
LIABILITIES & EQUITY	Liabilities		\$0	\$0	
	Equity		\$196,565	\$301,814	\$346,598
TOTAL LIABILITIES & EQUITY			\$196,565	\$301,814	\$346,598

# BUDGET SUMMARY

## Calendar Year, 2020

	Budget, \$	Actual, \$
Income	\$133,950	\$139,839
Expenses	\$116,425	\$38,014
Operating Gain/Loss	\$17,525	\$101,825

# BUDGET SUMMARY

## Calendar Year, 2021

	Budget	Actual year to date
Income	\$124,500	\$66,403
Expenses	\$72,925	\$26,827
Operating Gain/Loss	\$51,575	\$39,576

## **2020 Dues**

- Regular Member 12
- Division Affiliate 42
- Society Affiliate 42
- Student Member 1  
(Grad/Undergrad)
- Emeritus Status 0

## **2021 Dues**

- Regular Member 12
- Division Affiliate 42
- Society Affiliate 42
- Student Member 1  
(Grad/Undergrad)
- Emeritus Status 0

# FINANCIAL DETAILS

- Documentation
  - 2020 ACS Annual Report April Agenda book Attached
  - Profit & Loss Statement YTD Comparison
  - 2021 Profit & Loss Statement 8-4-2021
  - CANN P&L all years
  - CANN 2021 P&L

# Division of Chemical Health & Safety

## Profit and Loss

January 1 - August 4, 2021

	TOTAL
Income	
A1 CONTRIBUTIONS	
A1C NON-MEETING GRANTS	
A1C1 ACS Grant to Grad Students	5,000.00
<b>Total A1C NON-MEETING GRANTS</b>	<b>5,000.00</b>
A1F DONATIONS	
A1F2 DONATION CANN SUBDIVISION	200.00
A1F2A Heidolph North America	5,000.00
<b>Total A1F2 DONATION CANN SUBDIVISION</b>	<b>5,200.00</b>
A1F3 AMAZON Smile	92.50
<b>Total A1F DONATIONS</b>	<b>5,292.50</b>
A1G OTHER CONTRIBUTIONS	1,078.00
<b>Total A1 CONTRIBUTIONS</b>	<b>11,370.50</b>
A4 CONF/WORKSHOPS/MEETINGS	
A4A WORKSHOPS	
A4A1 CHO WORKSHOP	3,300.00
A4A10	1,160.70
A4A10 GRAD STUDENT SAFETY WRKSHP	1,591.90
A4A3 HAZWASTE WORKSHOP	2,400.00
<b>Total A4A WORKSHOPS</b>	<b>8,452.60</b>
A4A13 Writing Safety Statements	1,800.00
<b>Total A4 CONF/WORKSHOPS/MEETINGS</b>	<b>10,252.60</b>
A5 DUES & ASSESSMENTS	
A5B ACS DUES - JULY - DEC	8,233.50
A5C PAID DIRECT TO DivCHAS	75.00
A5D ANNUAL ALLOCATION FROM ACS	26,178.13
<b>Total A5 DUES &amp; ASSESSMENTS</b>	<b>34,486.63</b>
C3 UNREALIZED GAIN/LOSS MUTUAL	10,293.57
<b>Total Income</b>	<b>\$66,403.30</b>
GROSS PROFIT	<b>\$66,403.30</b>
Expenses	
B1 CONTRIBUTIONS EXP.	
B1A MEETING GRANTS/AWARDS	
B1A1 Collegeiate Lab Safety Award	1,000.00
B1A2 CHAS Award -FAWCETT	500.00
B1A5 AWARDS COMMITTEE EXPENSES	107.52
B1A6 Regional Meetings	1,000.00
B1A8 Grad Student Safety Leadership Award	2,994.69
<b>Total B1A MEETING GRANTS/AWARDS</b>	<b>5,602.21</b>

# Division of Chemical Health & Safety

## Profit and Loss

January 1 - August 4, 2021

	TOTAL
B1B INNOVATIVE FUNDING EXPENSE	
B1B11 RAMP_ORGANIC_2018	5,959.14
<b>Total B1B INNOVATIVE FUNDING EXPENSE</b>	<b>5,959.14</b>
<b>Total B1 CONTRIBUTIONS EXP.</b>	<b>11,561.35</b>
B2 NATIONAL MEETING EXPENSES	
B2A3 Other Miscellaneous Service Cost	99.00
<b>Total B2 NATIONAL MEETING EXPENSES</b>	<b>99.00</b>
B5 PUBLICATION EXPENSES	
B5E POSTAGE & SHIPPING	19.05
<b>Total B5 PUBLICATION EXPENSES</b>	<b>19.05</b>
B6 CONF/WORKSHOPS/MEETINGS EXP	
B6B OTHER	
B6B2 CHO WORKSHOP	
B6B2c CHO MANUALS, etc.	360.00
B6B2d CHO Profit Sharing	1,557.54
<b>Total B6B2 CHO WORKSHOP</b>	<b>1,917.54</b>
B6B3 HAZARDOUS WASTE WORKSHOP EXP	
B6B3d LAB WASTE Profit Sharing	1,116.72
<b>Total B6B3 HAZARDOUS WASTE WORKSHOP EXP</b>	<b>1,116.72</b>
B6B6 GRADUATE STUDENT SAFETY WORKSHOP	334.54
B6B6a GRAD STUDENT INSTRUCTOR FEE	1,065.86
B6B6b GRAD STUDENT INSTR EXP	175.00
<b>Total B6B6 GRADUATE STUDENT SAFETY WORKSHOP</b>	<b>1,575.40</b>
<b>Total B6B OTHER</b>	<b>4,609.66</b>
B6B13 Safety Writing statement	860.07
B6F Refund for workshops	525.00
<b>Total B6 CONF/WORKSHOPS/MEETINGS EXP</b>	<b>5,994.73</b>
B7 ADMINISTRATIVE	
B7G SUPPLIES & OPERATIONS (9G)	294.01
<b>Total B7 ADMINISTRATIVE</b>	<b>294.01</b>
B8 OTHER EXP (9G)	
B8A CREDIT CARD PROCESSING	243.50
B8B ACCOUNTING EXPENSES	1,031.91
<b>Total B8 OTHER EXP (9G)</b>	<b>1,275.41</b>
B9 CANNABIS SUBDIV EXP	
B9A1 Advertising/Promotional	22.10
B9A1b Spring 2021 meeting	824.00
<b>Total B9A1 Advertising/Promotional</b>	<b>846.10</b>
B9A2 Heidolph North America scholarship	4,500.00

# Division of Chemical Health & Safety

## Profit and Loss

January 1 - August 4, 2021

	TOTAL
B9A5 CANN ADMIN & POSTAGE	401.16
B9A51 Zoom Account	448.14
B9A52 Web - G Suite	1,387.62
<b>Total B9A5 CANN ADMIN &amp; POSTAGE</b>	<b>2,236.92</b>
<b>Total B9 CANNABIS SUBDIV EXP</b>	<b>7,583.02</b>
<b>Total Expenses</b>	<b>\$26,826.57</b>
<b>NET OPERATING INCOME</b>	<b>\$39,576.73</b>
<b>NET INCOME</b>	<b>\$39,576.73</b>



# Division of Chemical Health & Safety

## Profit and Loss YTD Comparison

January 1 - August 4, 2021

	TOTAL	
	JAN 1 - AUG 4, 2021	JAN 1 - AUG 4, 2020 (PP)
Income		
A1 CONTRIBUTIONS		
A1C NON-MEETING GRANTS		
A1C1 ACS Grant to Grad Students	5,000.00	
<b>Total A1C NON-MEETING GRANTS</b>	<b>5,000.00</b>	
A1F DONATIONS		
A1F2 DONATION CANN SUBDIVISION	200.00	
A1F2A Heidolph North America	5,000.00	18,000.00
A1F2C Carbon Chemistry LLD		14,500.00
A1F2D Jerry King		9,500.00
<b>Total A1F2 DONATION CANN SUBDIVISION</b>	<b>5,200.00</b>	<b>42,000.00</b>
A1F3 AMAZON Smile	92.50	118.10
<b>Total A1F DONATIONS</b>	<b>5,292.50</b>	<b>42,118.10</b>
A1G OTHER CONTRIBUTIONS	1,078.00	
A1I REBATE FROM ACS		45.00
A1I1 Councilor Expenses		2,521.81
<b>Total A1I REBATE FROM ACS</b>		<b>2,566.81</b>
<b>Total A1 CONTRIBUTIONS</b>	<b>11,370.50</b>	<b>44,684.91</b>
A4 CONF/WORKSHOPS/MEETINGS		
A4A WORKSHOPS		
A4A1 CHO WORKSHOP	3,300.00	7,450.00
A4A10	1,160.70	
A4A10 GRAD STUDENT SAFETY WRKSHP	1,591.90	775.00
A4A10A ACS Support of Grad Workshops		5,000.00
A4A11 Blame Free Investigation		1,575.00
A4A12 Safety Leadership		5,100.00
A4A2 LAB SAFETY WORKSHOP		300.00
A4A3 HAZWASTE WORKSHOP	2,400.00	1,550.00
A4A5 REACTIVES WORKSHOP		900.00
<b>Total A4A WORKSHOPS</b>	<b>8,452.60</b>	<b>22,650.00</b>
A4A13 Writing Safety Statements	1,800.00	
<b>Total A4 CONF/WORKSHOPS/MEETINGS</b>	<b>10,252.60</b>	<b>22,650.00</b>
A5 DUES & ASSESSMENTS		
A5B ACS DUES - JULY - DEC	8,233.50	15,950.77
A5C PAID DIRECT TO DivCHAS	75.00	
A5D ANNUAL ALLOCATION FROM ACS	26,178.13	12,669.20
<b>Total A5 DUES &amp; ASSESSMENTS</b>	<b>34,486.63</b>	<b>28,619.97</b>

# Division of Chemical Health & Safety

## Profit and Loss YTD Comparison

January 1 - August 4, 2021

	TOTAL	
	JAN 1 - AUG 4, 2021	JAN 1 - AUG 4, 2020 (PP)
A8 OTHER		
A8B MISCELLANEOUS		
A8B1 SOCIALS, DINNERS		2,500.00
<b>Total A8B MISCELLANEOUS</b>		<b>2,500.00</b>
<b>Total A8 OTHER</b>		<b>2,500.00</b>
C3 UNREALIZED GAIN/LOSS MUTUAL	10,293.57	-8,409.96
Unapplied Cash Payment Income		225.00
<b>Total Income</b>	<b>\$66,403.30</b>	<b>\$90,269.92</b>
GROSS PROFIT	<b>\$66,403.30</b>	<b>\$90,269.92</b>
Expenses		
B1 CONTRIBUTIONS EXP.		
B1A MEETING GRANTS/AWARDS		463.32
B1A1 Collegeiate Lab Safety Award	1,000.00	
B1A2 CHAS Award -FAWCETT	500.00	
B1A4 OTHER AWARDS		
B1A4A Student Registration reimbursement award		560.00
<b>Total B1A4 OTHER AWARDS</b>		<b>560.00</b>
B1A5 AWARDS COMMITTEE EXPENSES	107.52	
B1A6 Regional Meetings	1,000.00	
B1A8 Grad Student Safety Leadership Award	2,994.69	
<b>Total B1A MEETING GRANTS/AWARDS</b>	<b>5,602.21</b>	<b>1,023.32</b>
B1B INNOVATIVE FUNDING EXPENSE		
B1B11 RAMP_ORGANIC_2018	5,959.14	
<b>Total B1B INNOVATIVE FUNDING EXPENSE</b>	<b>5,959.14</b>	
<b>Total B1 CONTRIBUTIONS EXP.</b>	<b>11,561.35</b>	<b>1,023.32</b>
B2 NATIONAL MEETING EXPENSES		
B2A3 Other Miscellaneous Service Cost	99.00	
B2I SOCIAL EVENT NAT MTG		200.00
<b>Total B2 NATIONAL MEETING EXPENSES</b>	<b>99.00</b>	<b>200.00</b>
B5 PUBLICATION EXPENSES		
B5E POSTAGE & SHIPPING	19.05	17.81
<b>Total B5 PUBLICATION EXPENSES</b>	<b>19.05</b>	<b>17.81</b>

# Division of Chemical Health & Safety

## Profit and Loss YTD Comparison

January 1 - August 4, 2021

	TOTAL	
	JAN 1 - AUG 4, 2021	JAN 1 - AUG 4, 2020 (PP)
B6 CONF/WORKSHOPS/MEETINGS EXP		
B6B OTHER		
B6B2 CHO WORKSHOP		
B6B2c CHO MANUALS, etc.	360.00	
B6B2d CHO Profit Sharing	1,557.54	
<b>Total B6B2 CHO WORKSHOP</b>	<b>1,917.54</b>	
B6B3 HAZARDOUS WASTE WORKSHOP EXP		
B6B3d LAB WASTE Profit Sharing	1,116.72	
<b>Total B6B3 HAZARDOUS WASTE WORKSHOP EXP</b>	<b>1,116.72</b>	
B6B6 GRADUATE STUDENT SAFETY WORKSHOP	334.54	
B6B6a GRAD STUDENT INSTRUCTOR FEE	1,065.86	
B6B6b GRAD STUDENT INSTR EXP	175.00	
<b>Total B6B6 GRADUATE STUDENT SAFETY WORKSHOP</b>	<b>1,575.40</b>	
<b>Total B6B OTHER</b>	<b>4,609.66</b>	
B6B13 Safety Writing statement	860.07	
B6F Refund for workshops	525.00	5,600.00
<b>Total B6 CONF/WORKSHOPS/MEETINGS EXP</b>	<b>5,994.73</b>	<b>5,600.00</b>
B7 ADMINISTRATIVE		
B7F DLC/P2C2 CONF EXP		2,198.30
B7G SUPPLIES & OPERATIONS (9G)	294.01	895.00
<b>Total B7 ADMINISTRATIVE</b>	<b>294.01</b>	<b>3,093.30</b>
B8 OTHER EXP (9G)		
B8A CREDIT CARD PROCESSING	243.50	609.54
B8B ACCOUNTING EXPENSES	1,031.91	15.00
<b>Total B8 OTHER EXP (9G)</b>	<b>1,275.41</b>	<b>624.54</b>
B9 CANNABIS SUBDIV EXP		
B9A1 Advertising/Promotional	22.10	
B9A1b Spring 2021 meeting	824.00	
<b>Total B9A1 Advertising/Promotional</b>	<b>846.10</b>	
B9A2 Heidolph North America scholarship	4,500.00	5,473.53
B9A5 CANN ADMIN & POSTAGE	401.16	1,736.07
B9A51 Zoom Account	448.14	
B9A52 Web - G Suite	1,531.62	
<b>Total B9A5 CANN ADMIN &amp; POSTAGE</b>	<b>2,380.92</b>	<b>1,736.07</b>
<b>Total B9 CANNABIS SUBDIV EXP</b>	<b>7,727.02</b>	<b>7,209.60</b>
<b>Total Expenses</b>	<b>\$26,970.57</b>	<b>\$17,768.57</b>
NET OPERATING INCOME	<b>\$39,432.73</b>	<b>\$72,501.35</b>
NET INCOME	<b>\$39,432.73</b>	<b>\$72,501.35</b>

# Division of Chemical Health & Safety

## CANN P&L

January 1 - August 4, 2021

	TOTAL
Income	
A1 CONTRIBUTIONS	
A1F DONATIONS	
A1F2 DONATION CANN SUBDIVISION	200.00
A1F2A Heidolph North America	5,000.00
<b>Total A1F2 DONATION CANN SUBDIVISION</b>	<b>5,200.00</b>
<b>Total A1F DONATIONS</b>	<b>5,200.00</b>
<b>Total A1 CONTRIBUTIONS</b>	<b>5,200.00</b>
<b>Total Income</b>	<b>\$5,200.00</b>
GROSS PROFIT	<b>\$5,200.00</b>
Expenses	
B9 CANNABIS SUBDIV EXP	
B9A1 Advertising/Promotional	22.10
B9A2 Heidolph North America scholarship	4,500.00
B9A5 CANN ADMIN & POSTAGE	401.16
B9A51 Zoom Account	448.14
B9A52 Web - G Suite	1,531.62
<b>Total B9A5 CANN ADMIN &amp; POSTAGE</b>	<b>2,380.92</b>
<b>Total B9 CANNABIS SUBDIV EXP</b>	<b>6,903.02</b>
<b>Total Expenses</b>	<b>\$6,903.02</b>
NET OPERATING INCOME	<b>\$ -1,703.02</b>
NET INCOME	<b>\$ -1,703.02</b>

# Division of Chemical Health & Safety

## CANN P&L

All Dates

	TOTAL
Income	
A1 CONTRIBUTIONS	
A1F DONATIONS	
A1F2 DONATION CANN SUBDIVISION	50,606.92
A1F2A Heidolph North America	49,000.00
A1F2B Perkin-Elmer CANN Donation	10,195.20
A1F2C Carbon Chemistry LLD	14,500.00
A1F2D Jerry King	9,500.00
A1F2E Donation - GenZ Therapeutics	1,500.00
<b>Total A1F2 DONATION CANN SUBDIVISION</b>	<b>135,302.12</b>
<b>Total A1F DONATIONS</b>	<b>135,302.12</b>
<b>Total A1 CONTRIBUTIONS</b>	<b>135,302.12</b>
<b>Total Income</b>	<b>\$135,302.12</b>
GROSS PROFIT	<b>\$135,302.12</b>
Expenses	
B9 CANNABIS SUBDIV EXP	9,215.23
B9A1 Advertising/Promotional	18,445.72
B9A1a Fall 2020 ACS meeting	1,860.00
<b>Total B9A1 Advertising/Promotional</b>	<b>20,305.72</b>
B9A2 Heidolph North America scholarship	22,092.28
B9A3 Perkin-Elmer CANN expenses	3,040.00
B9A5 CANN ADMIN & POSTAGE	4,755.27
B9A51 Zoom Account	920.94
B9A52 Web - G Suite	2,736.59
<b>Total B9A5 CANN ADMIN &amp; POSTAGE</b>	<b>8,412.80</b>
B9A6 CANN Dues & subscriptions	4,427.00
B9A7 Cann networking events	8,569.36
B9A8 CANN Officer Reimbursement	15.27
B9A9 Video production	2,250.00
<b>Total B9 CANNABIS SUBDIV EXP</b>	<b>78,327.66</b>
<b>Total Expenses</b>	<b>\$78,327.66</b>
NET OPERATING INCOME	<b>\$56,974.46</b>
NET INCOME	<b>\$56,974.46</b>

## **Member-at-Large Report Fall 2021 National Meeting**

From: Daniel R. Kuespert, Member-at-Large, CHAS  
Kendra Denlinger, Member-at-Large, CHAS

Re: Member-at-Large Activities Report for 2020-08 through 2021-07

The 2021 CHAS Members-at-Large (plus Ellen Sweet, 2020 CHAS MAL) met virtually on 2020-10-28 to discuss opportunities for MAL-driven projects in keeping with our role in the organization. Several projects were proposed, including:

1. Safety resources reference for local sections;
2. *CHAS on the Road* presentation, intended for customization by any member and delivery to local sections and/or other suitable venues;
3. Recorded version of *CHAS on the Road* intended as an introduction to actual and potential strategic partners;
4. A printed backgrounder *This is CHAS* document, approximately 2 pages, with hyperlinks to available CHAS resources, intended as a handout/complement to *CHAS on the Road*.

It was decided to devote attention first to the *CHAS on the Road* presentation. The presentation relates the mission of CHAS and how it fits into the ACS mission, as well as directly addressing the relevance of safety through three case studies: one industrial, one academic research, and one instructional incident. The final presentation was 15 slides (including titles and outro), in PowerPoint format, including a script to be customized by the presenter. Neal Langerman and David Finster were kind enough to suggest edits and additions to support ACS and CHAS DIER efforts.

Future work may include the other items on the list above, as well as work related to promotion and delivery of the *CHAS on the Road* presentation.

Respectfully submitted,

Daniel R. Kuespert, PhD, CSP, Member-at-Large, CHAS  
Kendra Denlinger, PhD, Member-at-Large, CHAS

## Program Committee Report Fall 2021 National Meeting

Debbie Decker and Joe Pickel

The Spring 2021 meeting (originally planned for San Antonio) transitioned to totally virtual. It was a challenge to learn new applications for presenters, organizers, and attendees. We had good virtual attendance, at a level similar to previous in-person attendance, which was positive. The quirks in the platform were not insurmountable and we had good support from ACS, Meetings to solve problems as they arose.

Fall 2021 is scheduled to be a hybrid onsite (in Atlanta, GA) and virtual meeting. Due to uncertainty with how programming would work, continued COVID impacts and travel restrictions, some technical divisions opted for an entirely virtual meeting, however CHAS and many others continued with a hybrid approach of both all-virtual and in-person/virtual events. With recent and significant increases in COVID transmissions several of the hybrid symposia are being converted to virtual only programming. As of Monday 8/9/21, the following symposia are planned for the Fall meeting:

- DCHAS Awards Symposium (NOW virtual) – 8/22 8-10:05 am and 10:30am- 12:10pm 1210 EST
- Cannabis Aerosols: Safety and Analytics (Hybrid) 8/22 2-4pm
- Designing and operating facilities with safety in mind (Hybrid) 8/22 4:30pm-6:25pm and (virtual) 8/23 10:30am-11:40am
- General Papers (Virtual) 8/23 2-4pm
- Safety Leadership and Diversity (Virtual) 8/23 4:30-6pm and 7-8:20pm
- Moving forward: Lessons learned from pandemics, extreme weather events, fire storms and more (Hybrid) 8/24 2-3:50pm
- Fundamentals in Cannabis Research (Hybrid) 8/24 4:30-6:15 and (virtual) 7-8:50pm

With a theme of “Bonding Through Chemistry,” the Spring 2022 meeting is scheduled for March 20-24 in San Diego, CA. The Call for Papers has gone out and MAPS will close on **October 11th** for submissions. At the moment, the meeting is planned to be a hybrid of virtual and in-person presentations. This offers expanded opportunities to authors who may not be able to travel to the meeting to present their work. Symposia planned are:

- o Safety Across the Chemical Disciplines (Kuespert)
- o Inclusive EHS - Both Technical and Cultural Aspects of our Work (Decker/Pickel)
- o Chemists with Disabilities/Chemical Health & Safety for Disability Support (Decker)
- o Division of Chemical Health and Safety General Papers (Decker/Pickel)
- o Molecular Diagnostics for Detection of Viroid Infections in Cannabis and Hemp (Ross)
- o The 2022 EISOly Award Symposium Sponsored by Heidolph North America (Boyar, Coffin)
- o Cannabinoid Conversions: Chemistry and Commerce (Wise)

**We are (Still!) looking for the next Programming Chairs!** Debbie and Joe have served as programming chairs for >5 years and will be vacating these roles over the next year so we are looking to identify new volunteers for these roles so that they can be trained in the mystical ways of ACS programming. Because successful programming contributes to the Annual Division funding allocation (by means of number of symposia, papers, participants at national meetings) as well as visibility for the division, this is a critical role! A brief job description is provided on the next page and interested persons are welcome to contact Debbie or Joe to learn about the process *and learn the incredible powers wielded by this team.*

The Programming Committee is a standing committee of CHAS

From the [administrative manual](#):

(1) The composition of this committee shall be at least three Division members, shall be appointed as chair by the Chair of the Division as mentioned elsewhere in these bylaws. Another member shall be designated as the anticipated successor to the committee chair.

(2) Duties and responsibilities shall include administering the programs and symposia of the Division at national and other meetings of the SOCIETY and at other meetings. The Programming Committee shall have authority to accept or reject papers submitted for presentation, in accordance with the ACS Governing Documents

Function: The Programming Committee selects technical symposia topics, reviews proposed symposia from organizers, prepares the preliminary and final programs for national ACS meetings, provides information for ACS Meeting Calendar and Program Deadlines in Chemical & Engineering News, processes sponsored speaker registrations (upon request of symposium organizer) and special audiovisual equipment requests for ACS meetings, reviews and accepts/rejects all abstracts (as appropriate). The Programming Committee reserves locations for Division-Sponsored workshops (typically held on Friday and Saturday before the National meeting) and for the Executive Committee Meeting Breakfast (typically held on Sunday morning of the National meeting) and orders catering for each event (coffee service for Workshops, breakfast for the EC meeting). The Programming Committee develops and publishes "CHAS At A Glance" pamphlet for each National meeting, describing the technical program schedule, social events, workshops, and symposia and events of interest to the Membership.

Tasks	Time Frame
The committee selects topics for technical symposia and reviews proposed symposia from organizers.	At the national ACS meetings and throughout the year, especially at the time of submission of program deadlines to ACS. (~fall for spring meeting, spring for fall meeting)
Prepare preliminary and final programs. They schedule the symposia and papers within the program, in accordance with ACS requirements.	Deadlines for these programs are set by ACS. They generally are due from 3 to 4 months before the national meeting.
Request sponsored speaker registrations. Request rooms for symposia and CHAS official events and any special audiovisual requests for the national meetings. Reserves venue and A/V for Division-sponsored workshops. Orders meals/refreshments for events.	Deadlines are set by ACS, but are at least two months before each national meeting.
The Programming Committee reviews all abstracts for relevance to the planned symposia. They are empowered to reject irrelevant or poor abstracts.	Deadlines for these abstracts and the preliminary and final programs are set by ACS. They generally are due from 3-4 months before the national meeting.
The Programming Chair (or designee) is expected to attend the Leadership Development Conference sponsored by the ACS Council Committee on meetings and Expositions.	The Leadership Development Conference is usually held in January of each calendar year.



## Awards Committee Report Fall 2021 National Meeting

### Awards Committee Report

Presented by Kimi Brown

#### 2021 Award Recipients

The 2021 CHAS Awards will be presented at the annual CHAS Awards Symposium, at the Fall National Meeting.

There will be two symposium sessions on Sunday morning (both hybrid) followed by a luncheon open to all in-person speakers and attendees.

This year will be the inaugural presentation of the  
[CHAS Graduate Student Safety Leadership Award](#)

##### **Graduate Student Team Recipients:**

**Jessica De Young**, University of Iowa (PRESENTER - virtual)

**Omar Leon Ruiz**, University of California, Los Angeles

**Sarah Zinn**, University of Chicago

**Cristan Aviles-Martin**, University of Connecticut

The other 2021 recipients are:

##### [CHAS Lifetime Achievement Award](#)

**Robert H. Hill, Jr.**, *Retired*, Center for Disease Control and Prevention, Chemical and Physical Hazards Branch (PRESENTER – in-person)

##### [Laboratory Safety Institute Graduate Research Faculty Award](#)

**Ian Albert Tonks, Ph.D.**, University of Minnesota (PRESENTER – in-person?)

##### [SafetyStratus College and University Health and Safety Award](#)

**C. Eugene Bennett Department of Chemistry**, West Virginia University (PRESENTER -virtual)

##### [Howard Fawcett Award](#)

**Robert Toreki, Ph.D.**, Interactive Learning Paradigms, Incorporated (ILPI)  
(PRESENTER – in-person?)

#### Committee Activities in Progress

1. Brandon Chance has agreed to succeed Kimi as Awards Committee Chair in 2022. He has started shadowing committee activities. Kimi will remain involved to assist with the transition through 2022.
2. 2022 Award Nominations
  - a. Nominations are open for the 2022 Award Year. We've already received one Graduate Student Safety Leadership Nomination.

## **Long Range Planning Report Fall 2021 National Meeting**

### **ITEM 1: Approved and Updated Issuances since S21 Meeting**

#### **Approved 4/15/21**

- AIs 008, 007, 110, 501, & 503 were updated to align with CHAS BYLAW V – Manner of Election.

#### **Approved 6/17/21**

- Update of AI 101 – Formation and Dissolution of Committees

### **ITEM 2: No additional new items**

## CHAS Membership Committee Report, August 2021

Report by Ralph Stuart, committee chair

The July CHAS membership roster count stands at 1910, which is slightly down from 1937 last July. Given the disruption of our traditional ways of recruiting and serving members over the past year, this membership plateau is not a surprise. However, it does indicate a need for new distance-based approaches to member service as the professionals and chemists we serve become increasingly reliant on professional development opportunities that do not require travel. With this in mind, the membership committee has four initiatives underway in 2021.

1. **Webinars and distance learning:** The Division co-organized and co-sponsored two ACS webinars so far in 2021, with a third scheduled for November of this year. The ACS webinar managers appreciate safety programming we bring to them, because we consistently draw a larger than average audience (around 750 registrants and 400 attendees/webinar) and provide high quality professional content.

This content is memorialized both in the webinar recordings available to ACS members and summarized on our web site for the wider public. In return for the Division's support for these webinars, the ACS webinar staff have supplied 500 contacts of attendees who have indicated an interest in further information from the Division. About 50% of these contacts are outside of the US.

In addition to the ACS webinars, the Division supports two other distance professional development activities: CHAS chat sessions, which occur about once a month, and the CHAS Journal Club, which occurs weekly during the academic year. CHAS chat attendance varies from 10 to 150 people, depending on its timing and topic but generally support robust discussion for attendees. The CHAS Journal club attracts between 15 and 25 attendees for its sessions. Planning for both of these efforts in the fall of 2021 has begun.

Members involved in these efforts include Ralph Stuart, Tilak Chandra, Ellen Sweet, Melinda Box, Sammye Sigmann, Leah McEwen and Jessica Martin.

2. **Web presence redesign:** A team of 4 CHAS members are working together to re-envision the CHAS web presence, including the web site, the e-mail lists, as well as the CHAS chat and Journal club. Our first step in this work was to use Zotero to organize lists of references related to Lab Safety Teams and general chemical safety information. Our second step is to develop focus groups to receive feedback from both CHAS members and general users of the web site about their needs. The groups we will reach out to include:
  - a. New CHAS members
  - b. Chemical educators
  - c. Laboratory workers
  - d. EHS staff who support laboratories

We expect to complete this focus group work by October of this year. There are three goals for this work:

1. Enable more than 1 person to maintain the web presence
2. Use the CHAS web presence as a recruitment tool
3. Improve the findability of the information on the web site

Significant thought and effort is also being put into coordinating the development of these resources with other ACS safety resources.

Members involved in this effort include Ralph Stuart, Monica Nyansa, Shannon Nephew and Melinda Box.

- 3. Stakeholders Workshop planning:** We believe that an important member outreach and recruitment effort for the future will be workshops focused on particular demographic groups in the chemistry lab world. The success of the Lab Safety Teams workshop over the last 4 years demonstrate the value of a peer-led approach to these workshops. With this in mind, we are launching a second peer-led workshop this fall on using RAMP in Research Labs. This workshop will be led by two research active graduate students with support from CHAS mentors. We have also started planning discussions for two other stakeholder-based workshops: one for high school teachers and the other for chemistry faculty at Primarily Undergraduate Institutions who have been given safety responsibilities that they feel unprepared for. We hope that development of these workshops will begin in 2022.

Members involved in leading this work include Jessica Martin and Ralph Stuart.

- 4. Innovative Project Grant Proposal for “CSL in a Box”:** In partnership with the CAS Chemical Safety Library Advisory Board, Carmen Nitsche, chair of the board and I put in a CHAS innovative project grant proposal to the ACS Divisional Activities Committee. This proposal is for \$7500 to fund development of a “CSL in a Box” program to empower lab workers in all sectors to use the Chemical Safety Library hosted by CAS to report unexpected reactions with safety consequences to the larger chemistry community anonymously. This opportunity came together at the last minute, so while potential partnerships that could be leveraged in this work were identified but not included in this proposal. If the proposal is successful, outreach to CCS, CSHEMA and Chemical Education communities will be developed.

We expect the award decision to be made during the August national meeting. I have attached a copy of the proposal for the EC’s information. Members involved in developing this proposal are Ralph Stuart, Carmen Nitsche and Harry Elston.

We are always interested in more ideas for ways to improve member service and hearing from people interested in getting involved in this work. Contact Ralph at [membership@dchas.org](mailto:membership@dchas.org) for information about how you can get involved!

ACS logo

Innovative Project Grants for Divisional Enhancement  
Sponsored by the Council Committee on Divisional Activities (DAC)

## Technical Division Innovative Project Grant (IPG) Application Form

Please note that Division IPG funding will not be considered for on-going projects or for projects that will take place at the ACS National Meeting when funding decisions are made. Only proposals describing new projects will be considered for support. The purpose of IPGs is to “seed” new ideas; funding does not support continuation of existing programs or projects. Please refer to the [Division IPG webpage](#) for complete programmatic guidelines.

### Project Coordinator Information

**First Name: \***

Ralph

**Last Name: \***

Stuart

**Email: \***

membership@dchas.org

### IPG Information

**Sponsoring Technical Division: \***

Chemical Health &amp; Safety (CHAS)

**Submission Date: \***

07/30/2021

**Is this project intended to fund strategic planning for your Division? \***☐ Yes☒ No**Title of Project: \***

"CSL in a Box" - Introduction to the Chemical Safety Library

**Project Start Date: \***

09/01/2021



**Project Completion Date: \***

03/01/2022



**Name of Current Division Chair: \***

Harry Elston

**Email of Current Division Chair: \***

harry@midwestchemsafety.com

### Division Letter of Support

Submitting a letter of support from the active Division Chair is required. The support letter should be on Division letterhead, signed by current division chair. If the applicant is the division chair, the support letter must be signed by another executive committee member. The support letter must also include a brief status report for any currently ongoing division IPG. s

Divisions must not have overdue Annual Reports to be considered for a grant. A Division may have no more than two active IPG projects. A funded project is considered active until a final IPG report has been submitted.

**Upload Division's letter of support here (acceptable formats: .pdf, .doc, .docx).**

Choose File no file selected

### IPG Co-Sponsors

**Is this application co-sponsored by another Division or group?**

*Funding for a joint inter-Division proposal is limited to \$12,500, split equally between those Divisions (each Division can receive up to \$6,250 in funding).*

\* ?

No

### Project Description

**Project Goal (Please provide a brief description of project goals): \***

A strategic goal of the ACS and CHAS is to inspire a culture of sharing and learning about chemical safety within the chemistry community. To this end, we believe that it is important to remove the stigma related to sharing chemical incident information. As part of that effort, we promote the use of the Chemical Safety Library (CSL), both in terms of incidents cataloged and number of users. The CSL is a crowdsourced database of reaction incidents and near misses, whose creation and maintenance is a collaboration between the Pistoia Alliance and CAS.

Resources from this grant will go towards preparing a self-contained package of teaching materials that would allow university campus librarians, EH&S staff, ACS ChemClub chapters, student group or other interested campus community to host and run a "CSL Safety Day Workshop and Datathon."

847/1000 characters

**Highlight the innovative aspects of the proposed project. \***

Highlight the innovative aspects of the proposed project. \*

- We believe that the "CSL in a Box" project will provide an strategic member service and CHAS recruitment tool introduce a wide audience, including students, faculty and staff to the concept of reporting Lessons Learned and the specific CSL resource as a mechanism to do so.
- Crowdsourcing safety information is a new initiative in the chemistry community that meets the needs of electronically oriented researchers, particularly younger researchers.
- "CSL in a Box" will promote collaboration across a campus, across departments, and university service groups, breaking oft-existing silos.
- "CSL in a Box" will break down cultural barriers to sharing, discussing and learning from safety incidents, thereby establishing a new culture of sharing and collaboration.
- This initiative responds to the pandemic based reality that virtual programming will be an important recruitment strategy for technical divisions.

979/1000 characters

**Project Background: \***

When an accident in the lab occurs, it is critical to learn from it to prevent future recurrence. But how does one share such learnings within and across organizations? The CSL project at the Pistoia Alliance tackled this issue through a collaborative, crowd-sourced approach. The team focused on laboratory reaction incidents and near misses with the aim of creating an open database from community contributed learnings.

In October 2020, the new user friendly and secure platform designed by CAS was launched. The CSL Advisory Panel, which consists of corporate, academic and consulting chemists is focusing on ways to expand community contributions to the database. For this reason, the CHAS is interested in partnering with CAS and Pistoia to promote the CSL as part of our member outreach and recruitment efforts.

This grant will support development of a self-contained package of materials that will allow any interested campus communities to host a CSL Safety day Workshop and Datathon.

997/1000 characters

## Project Outline

### **Overview: \***

This project will create a "CSL in a Box" as a self-directed resource, providing guidance and materials needed to run a CSL Safety Day Workshop and Datathon on local campuses. We have partnered with CSHEMA to identify campuses which are interested in hosting such an event.

Resources from this grant would go towards preparing a self-contained package of teaching materials, programming suggestions, marketing aids (invitation letters, promotional posters, etc), recommended success measurements, and prizes that would allow university campus librarians, EH&S staff, ChemClub, student group or other interested campus community to host and run a CSL Safety Day Workshop and Datathon.

686/1000 characters

### **Objective(s): \***



The CSL in a Box" package would allow campus groups to educate attendees on safety resources and good practices teach them how to use the CSL database both for gathering safety info and for submitting incidents provide an opportunity for participants to contribute to the CSL database (datathon). As stated above, this approach supports the Division's strategic goal of promoting a proactive safety culture in the research lab setting.

Reward contributions to the community safety resource and overall campus chemical safety awareness through awards such as certificates, group pizza party, and the like.

614/1000 characters

**Identify target audience(s) and estimate the number of people to be reached. Estimate the number of members involved in organizing the project. \***

The "CSL in a Box" will be self-directed, providing all the guidance and materials needed to run a CSL Safety Day Workshop. We expect that this event can be replicated at dozens of campuses after the pilot sessions al

We are expecting CHAS members (especially those that are leading Campus EH&S functions) to get heavily involved - We also expect Librarians (some of whom are CHAS members and many of whom are CINF members as well) to participate in the actual event programs. In particular we would expect to enlist CHAS volunteers to help write, edit, and review modular content (enlisting student involvement as well).

Each event could attract 25-75 participants and engage several CHAS members at the institution.

720/1000 characters

**Describe how IPG funding will seed future divisional activities following the completion of this project. \***

We want to inspire a culture of sharing and learning about safety and remove stigma and fear over sharing incident information that could truly save others from the same experience. We would hope that this event is successful enough that it could be incorporated into an annual event at the participating campuses

We would also be interested in advice from and exploring joint activities with the "ACS on Campus" initiative, to embed the importance of safety sharing, and enhance the CSL crowdsourced data collection further, and would expect extensive participation from CHAS division members.

598/1000 characters

## Budget:

**Please complete the budget table below** (for this form to calculate correctly, enter dollar amounts **without** commas and **without** dollar signs).

**Note the following:**

1. **Up to \$7,500 can be requested per proposal.**
2. **Maximum annual funding per Division is \$12,500.**
3. **Funding for joint applications with two identical proposals is limited to \$12,500, split equally between Divisions.**

<b>Item:</b>	<b>Expense:</b>	<b>Justification:</b>
Material preparation	3000	content creation, layout/design, online publ
<b>Item:</b>	<b>Expense:</b>	<b>Justification:</b>
Tutorial recordings	2000	support distance use of the toolbox
<b>Item:</b>	<b>Expense:</b>	<b>Justification:</b>
Student/Institution incentives	1000	branded materials for distribution at events
<b>Item:</b>	<b>Expense:</b>	<b>Justification:</b>
Travel	1500	On site support for 3 datathons
<b>Item:</b>	<b>Expense:</b>	<b>Justification:</b>
	0.00	

**Item:****Expense:**

0.00

**Justification:****Additional funds requested from other sources:**

0.00

**Justification:****Project Total:**

\$7500.00

**Total Requested from DAC:**

\$7500.00

## Assessment Plan:

**How do you plan to assess the success of your proposed project? \***

Success will be measured by

- number of events held over the year and how many attendees participated
- How many new incident records are entered at each event
- Database growth statistics subsequent to the events
- How many new visitors the database receives
- Number of CHAS members participating/volunteering

312/500 characters

**Describe the assessment tools you will use to measure success of the proposed project (i.e., surveys). \***

CAS generates monthly usage reports from the safescience.cas.org site - we will be able to readily track numbers of new users, and number of new records. The Advisory Panel will maintain records of all events planned and executed, including organizers and participants

272/500 characters

**If funded, how will the outcomes of this project be used for future divisional planning? \***

The Division is currently developing a number of distance approaches to support membership involvement activity. These include workshops, ACS webinars, CHAS chats and virtual journal clubs. if this pilot project is successful, this "in a box" approach will be applied to other topics.

284/500 characters

**Poster Requirement: \***

- ☒ I acknowledge that as part of this IPG project, the final report must include a poster for presentation at the subsequent ACS National Meeting Sci-Mix session and/or posted on the ACS Technical Division Innovative Project Grant webpage.

**Questions? Contact [division@acs.org](mailto:division@acs.org).**

**Save Progress**

**Submit**

American Chemical Society

1155 Sixteenth Street, N.W. Washington, D.C. 20036

T [202] 872-4458

[www.acs.org/divisionipg](http://www.acs.org/divisionipg)



American Chemical Society  
Division of Chemical Health and Safety



Innovative Projects Grant Committee  
Divisional Affairs Committee  
American Chemical Society

**VIA ELECTRONIC DELIVERY, NO HARDCOPY PROVIDED**

July 31, 2021

**RE: Support Letter for the Division of Chemical Health and Safety 2021 Innovative Project Grant Application**

As Chair of the ACS Division of Chemical Health and Safety, I am writing to confirm the Division's support for the Innovative Project Grant proposal we are submitting for the July, 2021 granting cycle. We believe that the outreach effort for the Chemical Safety Library described in the proposal will meet an important need supporting safety in the academic chemistry community and fits in well to the Division's strategy for adapting to new ways to serve our membership in a virtual mode. The ongoing support of the IPG program in helping the Division to build safety tools in the chemistry community is truly appreciated.

Let me know if you have any questions about this.

Harry J. Elston, Ph.D., CIH, PMP  
Chair, ACS Division of Chemical Health and Safety  
[harry@midwestchemsafety.com](mailto:harry@midwestchemsafety.com), 217-971-6047

## **Workshops Committee Report Fall 2021 National Meeting**

The Fall CHAS Workshop program is set for October according to the schedule posted at <http://dchas.org/2021/07/27/workshops2021>. While the Spring series was not as successful as the Fall program in 2020, the Division membership has made a clear decision that they prefer the convenience and resulting lower cost of virtual presentations over live ones. Given the cost to the Division for rooms & equipment when workshops are held at National Meeting sites, it is likely that we may continue with virtual-only workshop presentations.

Registration is now open for the Fall workshops; updates on advance registration numbers will be provided during our monthly EC meetings. We have switched to the EventBrite registration format, which is easier on everyone involved. It does have a small cost, but not having to handle individual registrations and invoicing is well worth it.

As always, I thank Mary Beth Koza for her diligence and hard work in handling registrations and Ralph Stuart for promptly adjusting posts as needed.

Russ Phifer

CHAS Workshops Committee

## **National Registry of Certified Chemists Liaison Report Fall 2021 National Meeting**

The global pandemic has had little real impact on NRCC operations, since we have use an online format for applications and testing. There have been some challenges in locating proctors due to closures of libraries and universities, but that situation is slowly improving.

There have been 15 new applications for CHO certification so far in 2021, consistent with our average of about 30 applications a year. There are approximately 250 currently certified CHOs. The new Industrial Hygiene Chemist certification program has gotten off to an extremely slow start, with only two applicants to date. AIHA has been slowly developing and providing supporting training materials, which we expect will help considerably in spurring new applications.

We continue to work with the CANN Subdivision of CHAS on developing a certification program for cannabis chemists. NRCC has budgeted \$5000 to pay cannabis chemists to submit questions for the exam; we are currently at 152 questions, but the vetting process on those questions is not complete. We are hoping to be able to begin the certification program by the end of the year.

Russ Phifer

Executive Director, National Registry of Certified Chemists