

## Minutes of the Illinois ACS State Fair Committee

**Saturday, May 21, 2005, Meet at Illinois State University, JH 225**

Present: Cherlyn Bradley, Avrom Litin, Milt Levenberg, Marsha Phillips, Frank Salter, Craig McLauchlan, Vicki Finkenstadt, and Donna Salter

These notes/minutes are not in complete sentences. If you feel that you need them in complete sentences, this position can be yours just by asking... ;) The "sense" of the meeting is all here...

Began ~1:05 PM

**Space** - CB says FK has contacted state fair folks. Still no responses. FS – does he work out of DNR? Does Mary work there? No, in Champaign. FK did some box fan pricing. No info to report. MP had prices on box fans - \$9.99 at Walgreens. Oscillating pedestal fans for \$19.99. Which kind do we want? Air conditioning? Tent people contacted?

**Volunteers and web-site** – web-site up but people are visiting. No one on committee has signed up. FS sent letter to high schools that begin with A, B, and C but not Chicago. ISU committed. Advertisement appeared in Local Section newsletters. Received 2 people not at meeting. Committee should register. CM contacted 2 volunteers via e-mail to confirm – will be in touch in future. ML says website that is hosting our forms moving to a new platform. No idea what is happening there. In process right now. If non-interactive site, no problem. But ours is interactive. Getting ping-ponged. Next few days the forms part might not work as well. Anything else on website that we need? AL – documentation should be posted to yahoo groups so that committee can see it.

**Demos and Hands/on** – FS... plexiglass. FS. Whose lap? He'll claim it if no one. ML – some back-up pieces. Stand for it. MP- allows multiple demos, too. FS – on table, but not attached

JS is a wealth of information and has ideas. Starch iodide one by OR was done by JS in class and it worked well. We'll do that there. Will do some old ones, and will do some new. FS brought his demos. Glass with water and water-carried (overhead, vis-à-vis, Sanford) pens. Use filter paper or coffee filter and do color chromatography – most intriguing green, black. Also drew face with different colors and watched it spread. AL- how long? 2 to 3 minutes for good separation. Probably could keep up with weekend traffic. ML - Pens might walk, so be careful. MP – expos? FS – don't separate with water.

Phenolphthalein on finger and then put finger in water (or use windex). Touch to filter paper and stick in ammonia. And watch separation AND color change. AL – indicator mixtures for cool effects. MP - If warm, might have fumes. Draw on antacid tablet. One tablet in one of two cups – water and vinegar. Little glasses/tumblers for next one. Water in one cup. Add phenolphthalein. All same. To water add drops of

ammonia and turns pink. Then add vinegar and it goes back to clear. Very simple. Should appeal to them.

Indicators as show and tell with red cabbage, radishes, tea, pointsettia. Give them a recipe sheet.

MP had a list of demos we had talked about. Here they are.

1. Nano
2. Nylons
3. Slime
4. Gluep
5. Gack
6. Polystyrene
7. Who wants to be a chemist? Question. 4 answers
8. Elephant's toothpaste
9. Acid-base
10. Clock work orange
11. Blue-Yellow-Clear
12. Balloons, baking soda, vinegar that's all
13. Milk-wine-water-beer
14. spectrum
15. burning cards (money)
16. water block
17. invisible ink
18. golden rod
19. bubbles

**Promo/raffle materials** – planning on giving out 7” mole instead of t-shirts

Request form to National Chemistry Week

1. Chemistry Magazine (Newspaper) Free 4 issues per year – 250? Per box
2. Chem Matters (Magazine) Free 4 issues per year – 500? Per box
3. Mole toy – 10 x MD100 (10% discount for ACS members) – no tax (\$90)
4. Hooray for Chemistry bags – N5544 \$39.95/pack of 100, 10% discount, no tax. Ask for 20% increase to make up for 10% shortage. No discount, and tax. MP a hard bargainer.

How many bags did we get? Need about 500 bags or many more depending on who you ask.

Vicki will talk to Marissa at ACS about getting them to sweep out closet in our direction. Will aim for July 15<sup>th</sup>. Richard Cornell “chaffing at bit” about t-shirts. Can get them cheaply. Watches? VF will touch base with FK.

**Posters** – ML Chicago section started Women in Chemistry and had poster. Not on posterboard, but have all of the material. At least one face of board could be that. FK has someone she is planning to contact (mccroan, sp?) CB trying to contact Ken Fiziani

at Nalco about chemical safety. Can we do something similar for other parts of Illinois. She'll follow up on that. Illinois Chemists at Work. ML – "Made in Chicago" starting up there. Propaganda on penicillin from Ag Lab will be brought by ViF. Anything we get should be laminated. FK will personally do lamination for certain sizes (up to 8" x 11"). Display boards are 2.5' x 4.5'. Dick Durbin poster for his ACS award? He'll probably be at fair for certain day. VF will contact Durbin's office. Profiles of women and minority chemists from J Chem Ed. Can get them online? Will they send them or give us permission to use them?

### **Tent furnishings**

AL received info on size of banner. Frames - Vertical will be 2' and 10' wide. Actually a smidge (2") longer in any direction. He's looking for a good sale on plumbing parts. Would like to bring so we can get to Springfield. Buy 10' lengths in Springfield? 5' lengths with a coupler? Transporting always tough. 8' uprights. A little more expensive for the shorter one, but probably easier. Teflon grease on all threads. Using dimensions from last year's tent.

State Fair Supplies sheet – MP things we need, but don't buy anything

1. oscillating pedestal fan \$19.99 at Walgreen's
2. box fans \$9.99 x 3 – can be suspended from ceiling
3. ACS blue goggles – just hard to police. If we can get lower cost
  - a. \$4 adults
  - b. \$4 children
4. Expo pens – Office depot 12/\$16 – we can get a few for free
  - a. Can Craig get them free [Not really]
  - b. Office Max, Staples, Teachers Stores
5. Shower board to cut into White Boards
  - a. Lowe, Menards, Home Depot, ACE, Handy Andy, Tru-Value
  - b. Vicki will donate her old white board.
6. Magnets – Hobby Lobby – may not hold anything up
7. Duct tape, scotch tape
8. String
9. Graphite spray – why?
10. Plexiglass – see FS above
11. Case to keep mole in – tie on frame instead?
12. Extension plug 3 to 2 adaptor (12) – not necessary?
13. Extension cords – outdoor (4) – but don't buy any
14. Tickets 6 per hour for each day – ask for 180
15. Parking permit 3 in main area yellow – do we need 3? 1 last year?
16. parking permits 50 blue – only had 25 last year
17. list of demonstrations and hands on

flooring and mats still up in air, but seemed to be more negatives than positives.

### **Publicity**

Flyer by CM made it to several local section newsletters and FS contacted high schools. CM send to ML for posting to web site. ~55 last year. Personally invite students, etc. Personally re-invite folks to help with State Fair. CM will send them something. Sign up on new list. Include link to website. Zafra Lerner told 600 teachers about it. MP let Downer's Grove and Aurora know about the fair by word of mouth. VF suggested getting "Yellow book" (ACS) and personally inviting every officer in Yellow Book of Illinois to come to next meeting.

**Teachers' bags** – see raffle/promo section about newsletter requests, etc. want to have enough for handing out, but still have to schlep it all. Probably only want 1000 or so. J Chem Ed stuff. Pencils, rulers, and book markers – 3000 or so of them. ML – still want our own pencils, too. 350 bags for teachers. AL will make 350 CDs. JCE classroom activities? "CLIPS" – chemistry laboratory information profiles? Perhaps the Teaching Chemists with Disabilities. P.T. Posters and 8.5" x 11" Periodic tables from Prentice Hall – 1000. ACS What's that Stuff – photocopies of these. J Chem Ed. 60 biographies there, which ones do you want. *Everyone visit website and pick top 5.* (<http://jchemed.chem.wisc.edu/JCEWWW/Features/eChemists/index.html>)

### **AV activities**

Chemistry Comes Alive DVDs – volumes 1 and 7. \$75 each. Can purchase 1-6 for \$300. When order \$100 or more, get a freebie (currently 2004 J Chem Ed on CD) Vol. 7 comes out in June. [More from J chem. Ed In teacher bag section.] Traveling displays of chemistry milestones? VF idea. Frank Walworth? 6 of them? Can we borrow them? Can they send us 2 of them that are most popular?

ML already has back the computer we used for Fair last year. The flat panel was nice, but we don't have it yet. Will have a backup hard drive available. Not happy with last year's program. As above, we'll look at the Chemistry Comes Alive. ML has permission to use it verbally (Lynn Morris). Will put it on our disk for use. What else live there? Could import the What's that Stuff. Lee Marek demos online and not great and licensing issues. Online quiz – simple chemistry questions (what atoms used to make water?) less interactive. No winners and losers then. Mouse only, no keyboard. Games with Milly Mole. VF will check her CD. Chong indicated that we could get the big monitor again and we should. Need to start using yahoo groups more.

### **Safety**

MP requests to Committee on Safety

1. Safety for Introductory Chemistry Students 1500 -- really want 300/350
2. Safety Audit/Inspection - 20
3. Safety in Academic Chemical Labs Vol 1 -- 20
4. Safety in Academic Chemical Labs Vol 2 -- 20
5. Read the Label -- 600
6. Chemical Safety for Teachers and their Supervisors – 600
7. Safety in Elementary Science Classroom – 600
8. Chemical Health Safety -- 20

Getting sent to Harsh Bapat at UI-S. MP will contact HB about address to ship to. Arrange for shipment in July. Don't want it too early. After July 1 and before August 10<sup>th</sup>.

### **Storage**

FS sent HP the keys and directions.

What is in storage? How many bags do we have left? ~100. How much space does the locker have? Very little. Maybe storage locker for June, July, August for expensive one close to the Fair. Have it in place when trying to put palettes of boxes of material arrive. Or maybe locker near him, but it would be nice to put it by Fair. Current locker is nice facility, was brand new at the time. Clean. Price great. Still don't know if we have it through end of month of August. ML will try to find something closer. ML still hasn't found the inventory. There definitely are lockers near the campground near the Fairgrounds. (1001 Taintor Rd – Animal Protective League Wagon Tails Campground) Plenty of lemonade powder left – smaller cooler next time as only a few drinkers.

### **Budget**

We don't really have one here with us today. Know that last year we spent ~\$5100. Assume similar. We will have a financial report as well. Finally have own account. \$100 put in account for opening the account. Have \$3997.65 in account now. Mary Newberg opened the account. Gail Wilkening is doing accounting in Quickbooks. Reports not clear yet. Any new funding? Harsh wrote for the ACS grant, but won't know until June – haven't even looked yet. 30 grants this round. Rank them, either lower because repeat or higher because so many local sections participating. Odds obviously lower each year. Unilever can probably help again. Abbott might give us a small amount. Other local sections can beat the bushes, hopefully. We don't know very much about our actual budget. Tell donors that their name will be prominent in the tent and maybe get money. Appeal to their corporate nature. Commercial nature of this? Posters from these companies with their names? Appeal letter was sent back when. CB says please send her estimates of your expenses on Fair materials.

### **Other old business**

FS brought periodic table and slide rule last year. Will bring again if wanted. Old equipment is a conversation starter. We should think about bringing old equipment to hang, etc. We need new blood.

### **Action items summarized here**

1. CB will contact Ken F and collect estimates of spending for budget.
2. AL will write the CDs, shop for plumbing and build frame.
3. MP will contact JCE, Safety folks, ACS for materials; will arrange for shipping to Harsh.
4. ML will look for new storage, update web site
5. VF will get promotion items from ACS, NCUAR poster on penicillin, Dick Durbin poster and contact his office, box of dry erase pens, collect stuff from

- 2129 for state fair, milestones in Chemistry, teaching chemistry to students with disability
6. CM will remake ad, send new ad to all e-mail addresses on file and ML for web; send ad to all sections again; get room for next meeting
  7. FS will deal with plexiglass shield and type up a list of the demos
  8. **Everyone** will visit the JCE website above, get estimates to CB, sign up (at least in database) on web, spread word of mouth, try to get some money from companies in area, think happy thoughts

**Next meeting** -June 18<sup>th</sup>. 1 pm. At ISU. JH 225 again. CM will get room

Adjourned ~3:45 pm

Respectfully submitted,  
Craig C. McLauchlan