

LIC Advisory Committee Meeting

Date: Tuesday, Oct 1 2013

Time: 10:00 am -11:00 am

Location: 30.1 MS Conference Room

Notes

Attendance

Judy Westrick, Christine Chow, Mary Kay Pflum, Sarah Trimpin, Jin Cha, Chuck Winter, David Njus, Stephanie Brock

ACS Affiliates

Poster Printer – ACS affiliates - half goes to LIC and the other half goes to ACS affiliates.

Timeline – Purchase printers, fix one printer, computers set up. Hopefully by Nov. 1.

Notes: Everyone thought this was a good idea. Judy will be following up with Matt Allen and will keep everyone informed.

Acknowledgements

Review policy for acknowledgements.

Notes: An example of a shorter acknowledgement was added and the acknowledgement policy was added to the website.

Proposals

Shimadzu Instrument Grant

Notes: The Shimadzu Grant will be discussed by the MS committee.

NSF:MRI – Internal Review, Nov 7 2013.

Resubmit Powder X-Ray Diffractometer

MS – submittal? Synapt G2

NIH:MRI – TOF instrument QTOF – maybe.

MS Laboratory Discussion

Piloting instruments

Notes: Much discussion occurred about the need of a MALDI/TOF or a replacement instrument. Not much was said about the triple quadrupole. A questionnaire was sent to faculty and users.

New instruments

Notes: Faculty MS advisory subcommittee will be created to craft policies that best facilitate their research programs.

Mary Kay Pflum, Christine Chow, and Sarah Trimpin have volunteered to represent Chemistry and will select faculty from other departments. Once the selection is made a chair will be elected. Judy Westrick has supplied a list with interested faculty from other departments that have used the MS Lab or have indicated they have a vested interest. Besides the need for new instrumentation, objectives of this subcommittee were not discussed.

Potential Objectives-

- a. Advise on long term and short term goals of the lab*
- b. Review and comment on budget*
- c. Review usage – past, present, and future and recommend policy and procedures*
- d. Write and review research for NIH/NSF instrument proposals*
- e. Present proposals for new instruments/equipment to OVPR and Core Committee*
- f. Identify sources of money*

Faculty that have requested information about the MS laboratory

- 1) Juri Gelovani – Biochemical Eng.*
- 2) Miriam Greenberg - Biology*
- 3) Howard Matthew – Biochemical Eng.*
- 4) Sandro Rocha – Chemical Eng.*
- 5) Donna Kashian – Biology*
- 6) Shawn McElmurry – Environmental Eng.*
- 7) Jeff Ram – Physiology (Medical School)*
- 8) David Pitts – Pharmacy and Health Sciences*

Open Discussion

Notes:

Faculty Budget Advisory Subcommittee was discussed. Later this month, Chuck and Jin will meet with Judy to discuss how best to represent the faculty and university at large.

Christine Chow raised several concerns:

- 1) LIC use of the Quattro/ MS.
Response - The Quattro MS has only been used by Nicole (TA assigned to the Quattro instrument) and myself for developing ESI MS/MS analyses. These events were scheduled on the scheduler several days in advance. I have attached the month of May for the Quattro Scheduler and Nicole's time is in blue. I can supply more months if needed.*

Dept of Chemistry

Quattro

US - Michigan (EDT)

May 2013

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- Quick Reserve -

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May 28

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Reservation Title:

Judy Westrick

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2) Piloting instruments in the MS Lab.

*Response - I made a decision to spend \$13,200 to pilot a Shimadzu MALDI TOF for six months. We had training and continue to have training. The Shimadzu LC/8040/PDA/F is on loan (**no cost associated with it**). According to the scheduler, the only group using the MALDI TOF is Christine Chow's Group. A questionnaire will be distributed and summarized for the faculty MS subcommittee.*

3) Concerns about the MS Lab being under staffed.

Response - Lew was the manager of the lab. Lew's salary has been on the LIC budget for two years. The LIC is budget is in the red. The LIC cannot support a replacement manager at this time. The Chemistry Department has graciously provided a TA for small instruments. I have hired an undergraduate for small instruments and a TA (Nicole Lenca) to help with MS duties. Discussion of a replacement MS lab manager or alternative should be an agenda item for the faculty MS sub-advisory committee.