

**GC3 Advancing Green Chemistry Education group
Conference Call Minutes
September 27th, 2013 (8-9 PT/11-12 ET)**

On-Call: Joel Tickner, Amy Cannon, Barbara Hanley, Saskia van Bergen

Green Chemistry/Safer Alternative Webinars (Tier 1)

1)The Value of Green Chemistry-

Tse Sung Wu and Andy Shafer had agreed to participate. Leo Kenny had to cancel. During the call, Helen Holder volunteered. Date set for 10/22 11PT/2ET
Green chemistry overview/Moderator- (Joel or Amy?)

- Targeted questions:
 - It is expensive to substitute materials - How do you make the business case for green chemistry in your firm? What elements are needed for the case?
 - (Elevance) How do you break into an industrial sector that is dominated by traditionally chemistries?
 - What approach has your firm used to engage staff in green chemistry?
 - How has your firm brought about education of green chemistry?
 - Lessons for educators for green chemistry to take off in a firm

Action items- **Joel** to write the summary for the announcement and send to Saskia
Saskia to email presenters the date/time and request head shots
Saskia to send summary and speaker info to Sarah

2)Toxicology and Why You Should Care

It was discussed if this webinar should be more molecular vs animal testing level. It was decided that molecular should be saved for an advanced topic. Chemistry staff should listen to this as well as engineers and others without a strong chemistry background.

From August meeting:

- What can/can't science tell you?
- How is it relevant to you? Bigger picture.
- Could it cause harm?

- How toxicology relates to green chemistry
- How to integrate and do prevention
 - What to do with data?
 1. example of a hazards assessment
- Industry Speaker suggestion? Bob Skoglund -Saskia
- Wendy Heiger-Bernays Burnett (BU) - Joel
- Cal Baier-Anderson (EPA) -Saskia - could talk about tools agency developed to help make decisions (pvc profiler)

Other ideas:

- Pat Beattie (SciVera)
- Ruth Ann Riddel (sp?)
- Pamela Spencer (Dow)
- Steve Gilbert (INND)
- Atalina Batchacova (sp?)- adv. Tox
- Nick Anastas (EPA)- adv. Tox
- Bob Boesling (sp?) (EPA) adv. Tox

Action items- Joel and Saskia to follow up with speakers.

Longer term products- Goal

(Multi-audience Bootcamp (Tier 2) versus Certificate

Are the audiences generally the same? Who would attend each from a company?

	Tier 2	Certificate
Student Time commitment	1-2 days	5-6 10 week classes
Target Audience	multiple jobs at multiple companies or multiple jobs at one company or trainer at multiple companies	multiple jobs at multiple companies or one job type at multiple companies and professionals looking to be competitive in certain fields

Of the different options of audience for the Tier 2, Barbara would be interested in the 'multiple jobs at one company' that could be recordable and also offered online so that the modules could be used for training for new staff. It could be licensed so that the

company could continue to use the material. For a certificate program, Barbara thought that only a few people from each company would be able to attend a certificate program.

Future Housing for Extension Certificate –

UW extension is looking into the possibility of taking on the former UC Berkeley Extension curriculum.

Barbara suggested that HP could write a letter of support of how they are looking to hire candidates with backgrounds in Green Chemistry.

How to get to a multi-audience bootcamp?

Idea of a targeted bootcamp with one job type (EHS) from multiple companies as a stepping stone was discussed.

Possibility of partnering with Blue Green Alliance – ChemHat?

GC3 education position statement- not discussed

Next Meeting Date

Availability end of October any days not an option?

Jt- 12-30-2 mt,th

M pm, t, th 10-2 pt

Amy? 24th no

unavailable on the 21st, 22nd, 29th and 30th; unsure about the 23rd.

Saskia set up poll