



# ACS of Western New York

# Double Bond

The Newsletter of the Western New York Section of the American Chemical Society

Volume 88

May 2016

## MAY MEETING ! TOUR OF 12 GATES BREWING COMPANY

Please join us for a tour of 12 Gates Brewing Company, a brand new Buffalo brewery! In fact, it's so new that they haven't even had their grand opening party yet!!!! Let's spend the evening together learning about and sampling their fine craftwork!



[www.12gatesbrewing.com](http://www.12gatesbrewing.com)

**When:** Tuesday May 24<sup>th</sup> from 6-9 p.m.

**Who:** The first 50 registered participants.  
SPACE IS LIMITED!

**You must purchase a ticket in advance to participate in this event.** Tickets must be purchased online via a link to Eventbrite.com emailed to you

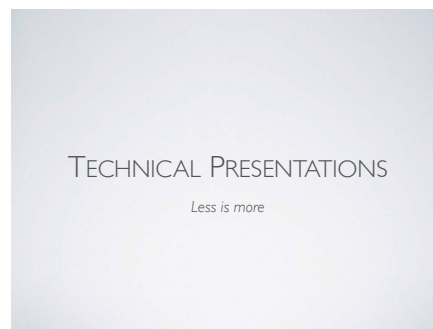
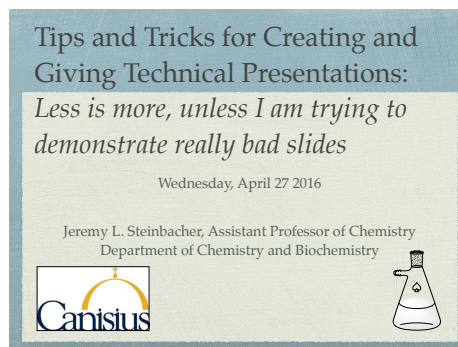
**Cost:** \$7 Includes tour, beer, light dinner, and a souvenir glass

**Where:** 12 Gates Brewing Company  
80 Earhart Drive, Williamsville, NY  
(off Wehrle Dr, near ECC North)

**Questions:** Jason Benedict, [jbb6@buffalo.edu](mailto:jbb6@buffalo.edu)

## LESS IS MORE: CREATING AND GIVING FIRST-CLASS TECHNICAL PRESENTATIONS

The Younger Chemists Committee (YCC) sponsored a presentation at Canisius College on April 27 to discuss the ins and outs of crafting excellent technical presentations. The seventeen participants, from Niagara University, University at Buffalo, and Canisius College, networked and had a light dinner before the main event, delivered by Jeremy Steinbacher, Assistant Professor at Canisius College.



*continued*

In brief, the main points of Steinbacher's YCC presentation were:

1. Know your audience before brainstorming content.
  - Group meetings are vastly different from, for example, a 12-minute talk at an ACS meeting.
2. Think about structure and story.
  - The human brain is wired for following stories, so having a strong narrative is critical for helping your audience follow along.
3. Keep slides as simple and uncluttered as possible.
  - Remove everything that is visually distracting (including most words!) or that detracts from telling your story.
  - Remember – slides exist solely to support the presenter.
  - Always be cutting!
4. Use animations to minimize the amount of information on-screen.
  - Bring graphics and/or data on-screen in small chunks so the audience can digest each piece.
  - Beware of gimmicky or silly PowerPoint/Keynote animations. Keep animations simple.
5. Practice is crucial.
  - Looking at your slides passively on a computer is no substitute for standing up and speaking out loud.
  - A little bit of practice goes a long way!

The YCC is soliciting ideas for future events! Please send ideas, comments, or suggestions to Jeremy Steinbacher at [steinbaj@canisius.edu](mailto:steinbaj@canisius.edu).



## 70 YEARS AGO IN THE DOUBLE BOND

*This poem was reprinted  
in the June, 1946 issue of The Double Bond*

### U-235

Scientists are stone-cutters  
Chipping away with sharp wisdom the  
dross of obscurity  
So that the new fact may shine  
Like a diamond  
Many-faceted with implications  
Of the truths to come.

Now see what they have done with their  
chisels -

They have split the world!  
Not much of the world at this telling  
Only a few special atoms; we still live  
Not having resided in Hiroshima  
Or Nagasaki.

With Greek logic and Egyptian cunning  
They have achieved fission  
By forcing Nature to react upon itself.

By stripping inert isotopes from  
Uranium-235  
They have created a brief sun: We used  
it to destroy  
Ruthlessly, but in the name of freedom.

Let us not keep saying helplessly  
"What now, scientists?"  
Let us question each other.

Let us say  
To Heads of State  
To Foreign Ministers  
To Politicians;  
Find yourselves chisels, statesmen,  
To chip away from each other  
The dross of suspicion.

Call in the scientists – use them!  
The great scientific minds from all nations  
To meet with you  
To advise you;  
They are the true internationalists  
They like each other;  
Talking the common language of facts.

Together you must guide the world  
Statesmen and scientists;  
You must unite;  
To flush the shimmering phoenix  
From the glass of New Mexico  
And the ashes of Hiroshima  
The eagle of brotherhood  
From the souls of men.

– Robert Spencer Barnett

**WNYACS Officers & Staff****WNYACS Section Chair 2016**

Andrew Murkin  
University at Buffalo, SUNY  
(716) 645-4249  
[amurkin@buffalo.edu](mailto:amurkin@buffalo.edu)

**Chair Elect 2016**

Jason Benedict  
University at Buffalo, SUNY  
(716) 645-4276  
[jbb6@buffalo.edu](mailto:jbb6@buffalo.edu)

**Vice-Chair 2016**

Luis Sanchez  
Niagara University  
(716) 286-8252  
[lsanchez@mail.niagara.edu](mailto:lsanchez@mail.niagara.edu)

**Secretary 2015-2016**

Christopher Patridge  
D'Youville College  
(716) 829-8096  
[patridge@dyc.edu](mailto:patridge@dyc.edu)

**Treasurer 2016-2017**

Andrew Poss  
Honeywell  
(716) 827-6268  
[andrew.poss@honeywell.com](mailto:andrew.poss@honeywell.com)

**Councilor 2014-2016**

Peter Schaber  
Canisius College  
(716) 888-2351  
[schaber@canisius.edu](mailto:schaber@canisius.edu)

**Councilor 2016-2018**

David Nalewajek  
Honeywell  
(716) 827-6303  
[david.nalewajek@honeywell.com](mailto:david.nalewajek@honeywell.com)

**Member-at-Large 2016-2017**

Dominic Ventura  
D'Youville College  
(716) 829-7545  
[venturad@dyc.edu](mailto:venturad@dyc.edu)

**Newsletter Editor**

Timothy Gregg  
Canisius College  
(716) 888-2259  
[greggt@canisius.edu](mailto:greggt@canisius.edu)

**Newsletter Assistant Editor**

Alice Steltermann  
Canisius College  
(716) 888-2340  
[stelterm@canisius.edu](mailto:stelterm@canisius.edu)

**Schoellkopf Award Chair 2016**

Jeffrey Rose  
DuPont  
(716) 879-4597 (w)  
[Jeffrey.M.Rose@dupont.com](mailto:Jeffrey.M.Rose@dupont.com)

**Education Committee Co-Chairs**

Sarah Evans  
Canisius College  
(716) 888-2342  
[evans51@canisius.edu](mailto:evans51@canisius.edu)

Valerie Frerichs  
University at Buffalo, SUNY  
(716) 645-4135  
[zuccari@buffalo.edu](mailto:zuccari@buffalo.edu)

**Chemistry Olympiad**

Mariusz Kozik  
Canisius College  
(716) 888-2337  
[kozik@canisius.edu](mailto:kozik@canisius.edu)

**National Chemistry Week**

David Nalewajek  
Honeywell  
(716) 827-6303  
[david.nalewajek@honeywell.com](mailto:david.nalewajek@honeywell.com)

**Senior Chemists**

Joseph Bieron  
Canisius College  
(716) 888-2357  
[bieron@canisius.edu](mailto:bieron@canisius.edu)

**Member-at-Large 2015-2016**

Sarah Evans  
Canisius College  
(716) 888-2342  
[evans51@canisius.edu](mailto:evans51@canisius.edu)

**Member-at-Large 2016-2017**

Lindsay Rose  
Niagara County Community College  
(716) 614-6866  
[lrose@niagaracc.suny.edu](mailto:lrose@niagaracc.suny.edu)

**Younger Chemists Committee**

Jeremy Steinbacher  
Canisius College  
(716) 888-2343  
[steinbaj@canisius.edu](mailto:steinbaj@canisius.edu)

**ISSUE COPY DEADLINE: FIRST OF MONTH PRIOR TO PUBLICATION**

The Western New York Section of the American Chemical Society (ACS) and its editors assume no responsibility for the statements and opinions advanced by the contributors. Views expressed in the editorials are those of the authors and do not necessarily represent the official position of the Western New York Section of the American Chemical Society. All materials to appear in the next issue of *Double Bond* must be received by the editor, in care of the Dept. of Chemistry and Biochemistry, Canisius College, 2001 Main Street, Buffalo, New York 14208, by the FIRST day of the month. Notice of change of address should be made through ACS Member and Subscriber Services at (800) 333-9511, <mailto:service@acs.org> or the website: [portal.acs.org/portal/PublicWebSite/contact/WPCP\\_007970](http://portal.acs.org/portal/PublicWebSite/contact/WPCP_007970).

*The NF=B Double Bond* (aka *Double Bond*) is published from September through June by the WNY Section of the ACS. Contact information: email: [dblond@canisius.edu](mailto:dblond@canisius.edu); website: [wny.sites.acs.org](http://wny.sites.acs.org). Member subscriptions are included in the annual National ACS dues. Permission to reprint is granted for this publication.