



GEORGIA SECTION



ACS
Chemistry for Life™



MEETING Announcement

Tuesday, April 25, 2017

Dr. Tracy P. Hamilton

“Zymurgy: The Science behind Beer”

Location:

Manuel's Tavern
602 North Highland Avenue Northeast, Atlanta, GA
30307

Directions: [Click Here](#)

6:30 pm Meet and mingle (Cash bar)

7:00 pm Dinner

8:00 pm Speaker

Menu:

Appetizer:

Chicken bites (served with honey mustard dip)

Mini veggie egg rolls

Fruit tray, fresh seasonal fruits.

Salad bar

Entrée:

Herb Roasted Chicken Breast

Roast Beef (sliced with mushroom gravy)

Vegetarian lasagna

Side dishes

Broccoli casserole

Roasted Garlic Mashed potatoes

Dessert:

Brownie bites and lemon bars

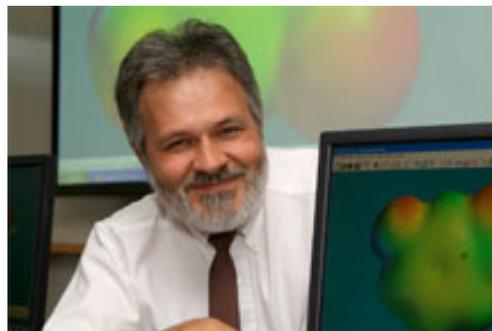
(Includes coffee and iced tea)

RSVP by 5:00 pm on Friday, April 21st, 2017 at
<https://goo.gl/cPgSF9>

Price: \$35 regular; \$25 retired, current ACS members
and K-12 teachers, \$15 students

Payment: **At the door** Cash, credit card, or
check to: “Georgia Section ACS”

Note: If you make a reservation and then do not attend, you
will be charged for the meal as we have to guarantee the
number of meals.



Dr. Tracy P. Hamilton
“Zymurgy: The Science behind Beer”

ABSTRACT: The presentation will present the history of brewing, followed by how to brew beer step by step. The chemical processes at each step are discussed (in simpler terms than he does for professional chemistry audiences), making connections to various undergraduate topics such as kinetics and organic chemistry. The talk will be capped off by a list of important flavor compounds (both desirable and undesirable) in beer.

BIO: Tracy P. Hamilton is a theoretical chemist by profession, with a PhD from the University of Arkansas in 1987 (with Peter Pulay) and a post-doc at the University of Georgia (Henry F. Schaefer III). He is currently an associate professor at UAB. His area of research includes theoretical studies of retinoids which are drug candidates. When he came to UAB, Dr. Hamilton developed a taste for fine wine, but without the budget to match. Fine, complex beer was not available in the southern US (or anywhere in the US for that matter), so feloniously brewing your own was the only option. Also, brewing beer is his only outlet for chemical synthesis. Dr. Hamilton has been brewing since 1997. Shortly after joining the Birmingham Brewmasters homebrew club, the club ran some homebrew competitions. Club members got together to study for the beer judge exam. Part of that study is an understanding of the process involved, including the chemistry of beer. Dr. Hamilton scored well enough to be a certified beer judge (www.bjcp.org). He then decided to take the knowledge he learned and spread the word throughout the US in the ACS Speakers Tour. Members of the homebrew club started roasting their own coffee, so Dr. Hamilton also began doing that as well, adding a talk on the chemistry of coffee to his repertoire.

Dr. Hamilton has been chair-elect of the Alabama Section of the ACS (1995, 2009), is currently Councilor for the local section, and serves on the Local Section Activities Committee for the ACS.