

December 2010

Catecholamine Club

**From the Office of the
Club President**

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Chronicle

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<http://www.catecholamineclub.org>

Elaine Sanders-Bush, Ph.D is recipient of Julius Axelrod Award for 2011

The 2011 Axelrod awardee is Elaine Sanders-Bush, PhD, of the Department of Pharmacology at Vanderbilt University in Nashville, TN. Dr. Sanders-Bush has made seminal contributions to the understanding of the functions of the neurotransmitter serotonin, including pioneering investigations of the editing, trafficking, regulation and involvement in affective disorders and hallucinogenic pharmacology of 5-HT₂ receptors. Further information about Dr. Sanders-Bush's contributions to molecular neuropharmacology can be found at <http://pharmacology.mc.vanderbilt.edu/Faculty/Sanders_Bush_Lab/index.htm>. In addition to accepting the award at this year's meeting, Dr. Sanders-Bush will give a talk on her career as a neuropharmacologist at this year's Catecholamine Club dinner (see below).

The Julius Axelrod Award in Pharmacology was established to honor the memory of the eminent American pharmacologist who shaped the fields of neuroscience, drug metabolism and biochemistry and who served as a mentor for numerous eminent pharmacologists around the world. The Julius Axelrod Award is presented annually for significant contributions to understanding the biochemical mechanisms underlying the pharmacological actions of drugs

and for contributions to mentoring other pharmacologists.



Dr. Elaine Sanders-Bush

2011 Club Dinner

The Catecholamine Club spring meeting in 2011 will be held as usual in conjunction with Experimental Biology (EB-2011), in Washington, DC, on Tuesday April 12, 2011. The dinner will be held at "Busboys and Poets", located just two blocks east of the

Washington DC Convention Center. The dinner will begin with a reception at 6:30 pm, followed by dinner service, and then the 2011 Axelrod Award lecture by Elaine Sanders-Bush, Ph.D.

The restaurant and meeting room are located at:

Busboys and Poets: **Busboys @ 5th & K**
1025 5th Street NW
Washington, DC 20001
Tel (202) 789-2227
<<http://busboysandpoets.com>>

A business meeting of the Catecholamine Club officers at 5 pm will precede the reception and dinner.

Other News and Events

Catecholamine Club annual meeting spring 2010.

The Catecholamine Club last met in conjunction with the Experimental Biology (EB; FASEB) spring meetings in Anaheim, CA, on Tuesday, April 27, 2010, at the White House Restaurant in Anaheim, CA. The guest of honor was Brian Kobilka, MD, of Stanford University, who won the 2010 Axelrod Award for his studies of catecholamine receptors, and gave the Axelrod lecture at the 2010 Catecholamine Club meeting. Prior to the meeting, officers of the club discussed plans for the 10th International Catecholamine Symposium, to be held in September of 2012.

XICS (10th International Catecholamine Symposium), 2012: Planning.

Continuing discussions among Catecholamine Club officers indicate substantial enthusiasm for scheduling XICS. Discussions have so far focused on a site (San Diego, CA), and date (September, 2012). The organizing committee so far

includes: Daniel T. O'Connor, M.D. (UCSD), Esther Sabban, Ph.D. (New York Medical College), David Goldstein, M.D./Ph.D. (NINDS, NIH), and Courtney Holmes (NINDS, NIH).

XICS Mission, Priorities, Goals:

The Tenth International Catecholamine Symposium will emphasize integration of basic science with clinical pathophysiology, by a program centering on disease-oriented research about catecholamine systems.

- Catecholamine systems and translational research: bedside-to-bench-to-bedside.
- Foster interactions among clinical investigators, disease-oriented researchers, and basic scientists.
- New concepts and “hot topics” take precedence over comprehensive reviews.
- Exploit internet communication to maximize participation.
- Publish proceedings.

XICS Format:

Overall: Four days of main meeting, satellite day on laboratory techniques. Moderate meeting size, to maximize scientific interchange and collegiality. Concurrent thematic sessions. “Hot topics” plenary sessions. PM sessions in afternoon first two days, in evening last two days. Demonstration and small groups workshops and social activities in afternoon last two days.

Daily: Morning oral presentation session, poster session, poster discussion session. Welcoming and closing reception and dinner. Wine/cheese with late afternoon poster session poster discussion before dinner. Posters for all oral presentations. Offsite online participation via internet.

XICS Themes:

- A. Cardiology (essential hypertension, stress cardiomyopathy, heart failure, baroreflex failure, myocardial infarction, microvascular angina, arrhythmias, sudden death)
- B. Neurology (Parkinson disease, multiple system atrophy, pure autonomic failure,

sudden unexpected death in epilepsy, stroke and the heart, post-sympathectomy syndrome)

C. Psychiatry (depression, schizophrenia, dementia, panic, PTSD, ADHD)

D. Drug Abuse (alcohol, nicotine, cocaine, amphetamines)

E. Genetics (familial dysautonomia, DOPA-responsive dystonia, MAO deficiency, DBH deficiency, DHPR deficiency, DDC deficiency, ADHD, schizophrenia, catecholaminergic polymorphic ventricular tachycardia, Parkinson disease, hypertension)

F. Neoplasm (pheochromocytoma, neuroblastoma, paraganglioma, melanoma)

G. Multi-system/integrative disorders (metabolic syndrome, chronic fatigue syndrome, fibromyalgia, chronic pain, chronic orthostatic intolerance, Sjogren's syndrome, pseudopheochromocytoma, autoimmune autonomic neuropathy, cardiorenal syndromes)

H. Pharmacology & therapeutics (drug-disease interactions, pharmacogenomics, neuropharmacologic probes, pramipexole, rasagiline, L-DOPS, entacapone, midodrine, tetrabenazine, methyphenidate, Neurotropin, carotid sinus stimulation, renal nerve ablation, prosthetic baroreceptor, dietary supplements based on catechol contents)

I. Laboratory techniques (LC-electrochemical and LCMS assays, catecholamine fluorescence, immunohistochemistry, gene expression arrays, genomics, proteomics, microneurography, clinical autonomic function testing, cardiac sympathetic neuroimaging.

Note: suggestions for additional themes/emphasis areas are hereby solicited from Catecholamine Club members!

A short note from past-President Dave Goldstein concerning a proposal to evolve from the Catecholamine Club to the Catecholamine Society:

Dear fellow Catecholamine Club members:

We all look back wistfully to when the Club was instituted more than 40 years ago, by Julie Axelrod and Bill Manger. Julie was the first President, followed by Dick Crout, Irv Kopin, Sol Snyder, Floyd Bloom, Norm Weiner, and on and on in a string of extraordinary researchers, mentors, and leaders. As you know, the annual dinner has been the main function of the Club. The Catecholamine Club dinners have offered both comradery (need I mention the Catecholamine Club song?) and a talk by an honoree who puts the field into scientific, historical, and personal perspective. For me these have been wonderful occasions, and I hope the dinners continue. Over recent years, however, the Club has evolved into more of a Society. Now under ASPET there are a prestigious and Axelrod Award and Symposium (thanks to Lee Eiden and Dave Sibley), for which we can nominate candidates. There are bylaws, registration with the IRS as a tax-exempt charitable organization (thanks to Esther Sabban), a website (thanks to David and Janice Sibley), a newsletter (thanks to Graeme Eisenhofer), a well maintained and updated membership list (thanks to Courtney Holmes), Kopin Traveling Fellowships funded by the Foundation for Catecholamine Research, plans for the Tenth International Catecholamine Symposium (XICS), and membership dues (not sure whom to thank). I think it is time to recognize these developments by changing the name of the organization from Catecholamine Club to Catecholamine Society. Having the more formal designation will surely help in fundraising for the XICS. I'd like to propose that the members vote on this proposal at the upcoming Catecholamine Club dinner in Washington, D.C. this coming April.

Dave Goldstein

Catecholamine Club Information, Positions and Membership

Executive Committee: The Catecholamine Club Executive Committee for the 2010/2011 program year consists of the following members:

- Daniel O'Connor, President
- Courtney Holmes, Secretary/Treasurer
- Irv Kopin, Membership Secretary
- Lee Eiden, CCC Editor
- Susan Amara
- Walter Dixon
- Margarita Dubocovich
- Graeme Eisenhofer
- David Goldstein
- Charles Rutledge
- Esther Sabban
- David Sibley
- Laurent Taupenot
- Gonzalo Torres
- Dona Wong

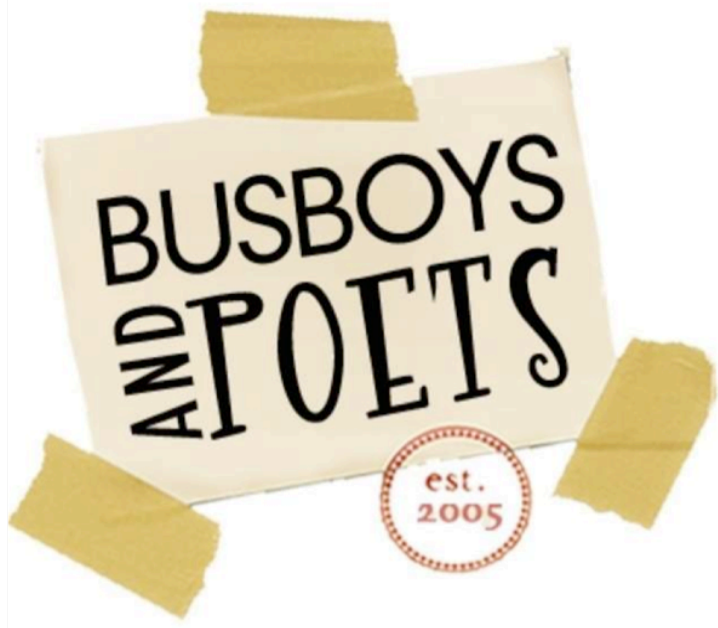
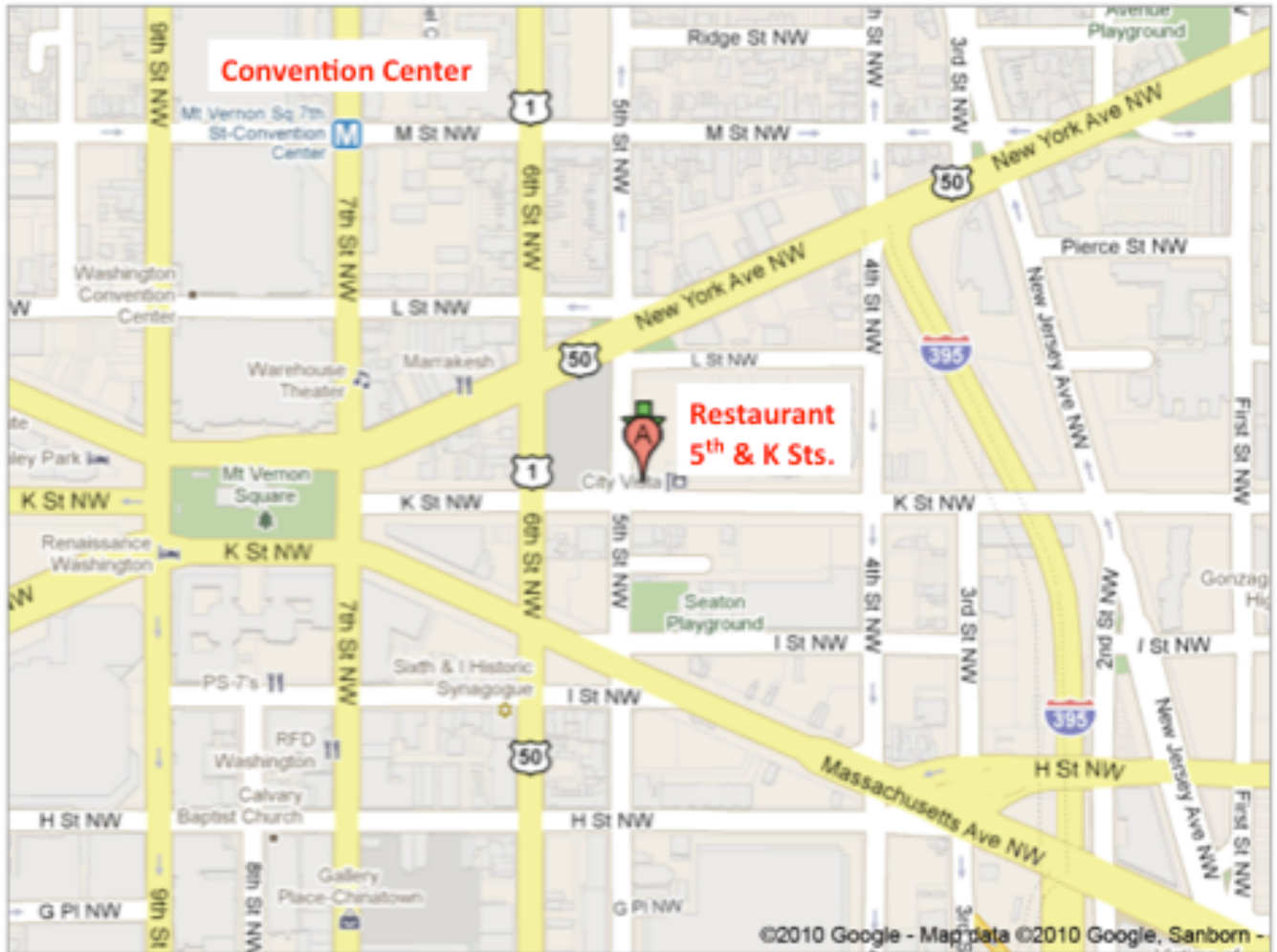
Membership: Membership fees are \$25 per annum or may also be paid at the reduced rate of \$60.00 for three years. Membership runs from the date of one annual dinner to the next. Please

visit the Catecholamine Club Website (<http://www.catecholamineclub.org>) for details on methods of payment (including on-line payment), whether you wish to join the club or renew your membership.

Benefits of Membership: What are the benefits of membership in the catecholamine club — what is the incentive to paying the membership fee?

1. Eligibility for the subsidy towards Catecholamine Club Dinners.
2. Eligibility to nominate investigators for Foundation for Catecholamine Research I.J. Kopin young investigator travel fellowships (Note: the nominator and mentor supporting the application must belong to the Club).
3. Eligibility of members to nominate candidates for the Julius Axelrod Award.
4. Continued receipt of Club Newsletters and ability to contribute to News and Events forum.
5. Certain web site privileges - posting lab links, job advertisements, etc.

Contributions to the Newsletter: This newsletter is produced biannually. Contributions from club members— including notices of events, news about club members, and other information of interest to the membership — are welcome and should be sent to the editor (Email: eidenl@mail.nih.gov).



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