

## The Goals of Conversations in Discipline

The State University of New York (SUNY) provides support for intercampus conferences which bring together State University faculty and visiting scholars to examine new trends, review promising findings, and better acquaint them with professional developments in their fields and on other campuses. By such interchange, both the professional and personal growth of individuals and the programs of instruction and research at participating campuses are enhanced.

(<http://www.suny.edu/provost/facultyawards.cfm>)

The primary objective of this conference is to bring those working in the Capital Region that are interested in hormones together with others outside of the region at SUNY campuses, and/or across the state, for a dialogue on current findings in the field and exchange ideas and expertise on research, approaches, perspectives, and methods in this topic.

## Keynote Speakers

Dr. Elwood Jensen, of U Cincinnati, and Dr. Herbert Jacobson, of Albany Medical College, will discuss "50 Years of the Estrogen Receptor." This talk will commemorate their discovery of the estrogen receptor 50 years ago. The impact that this discovery of the estrogen receptor has had upon the scientific world and overall health and wellness is immeasurable.

Dr. Paul Davis of the Ordway Research Institute will discuss, "The Thyroid Hormone and Health." Dr. Davis' talk will discuss the advances made in the understanding of the mechanisms and functions of the thyroid hormone.

[http://www.ordwayresearch.org/profile\\_p\\_davis.html](http://www.ordwayresearch.org/profile_p_davis.html)

Chris Danes of the Albany Country District Attorney's office will lead a talk discussing, "Operation Which Doctor." Mr. Danes will tell us about the illicit nationwide distribution ring of anabolic steroids, human growth hormones, and other controlled drugs.

(<http://www.albanycountyda.com/>)

## Venue for Conversations

The first *Conversations in the Capital District on Hormones* will be held October 23 and 24<sup>th</sup> at the University at Albany in Albany, NY. The meeting will be held in the Life Sciences Research Building. The building is an ideal location for the meeting, as it is a state-of-the-art research facility with a total of 28 laboratories. The researchers in the building represent a broad spectrum of scientific experts on the University's campus. The environment created by the building promotes collaborative interactions among these scientists, which has led to many significant contributions to fields within the life sciences. (<http://www.albany.edu/lifesciences/>)

## Program for Conversations

The program for the 1<sup>st</sup> *Conversations in the Capital District on Hormones* is very exciting, and will undoubtedly have a significant impact. The keynote addresses delivered by Drs. Jacobson and Davis and Mr. Chris Danes will be complimented by six exciting sessions that will bring in speakers from New York State, and beyond, to discuss sex differences, glucose, glucocorticoids, estrogen, endocrine disrupters and progesterones. Overall, the program promises to draw great participant diversity, and provide great breadth and depth in scientific dialogue.

There will be heterogeneity in the background of participants. As such, talks will be geared towards a broader scientific level. There will be an introduction and summary for each session. Also, each speaker will provide an abstract, citation, and biography to be included in the conference program and/or website. This will make the scientific information accessible to the broadest population.

## Tentative Schedule for the Meeting

A tentative program for the meeting is below. Each keynote speaker will have 45 minutes to speak and 10 minutes for questions and discussion. All other speakers will have 20 minutes to speak with 5 minutes for questions and discussion. Prior to the start of each session, there will be a 5 minute overview provided by the Chairperson for that session. After each session is an opportunity for discussants to contribute. The session will conclude with summary and remarks by the chair.

### Day One

**8:00-9:30am:** Registration

**9:30-11:00am:** (Session 1) Sex Differences- Co- Chaired by Drs. Gerald Bothe and Valerie Bolivar

- Dr. Gerald Bothe (Taconic) "Strain differences"
- Dr. Valeria Bolivar (Wadsworth Center) "Sex/strain differences"
- Dr. Diana Dow-Edwards (SUNY Downstate Medical Center) "Sex differences in drug abuse"
- Dr. Alan Gintzler (SUNY Downstate Medical Center) "Sex differences in pain"
- Dr. Victoria Luine (CUNY Hunter) "Sex differences in stress and effects of estrogen"

**11:30am-12:30pm:** Lunch and Poster Presentations

**12:30-2:30pm:** (Session 2) Glucocorticoids- Chaired by Dr. Elana Gordis

- Dr. Brenda Anderson (Stony Brook University, SUNY) "Hippocampal synapse loss from glucocorticoids is dose-dependent"
- Dr. Cheryl McCormick (Brock University) "Sex differences, puberty and drug abuse"

- Dr. Jeffrey Carlson (Albany Medical College) "Brains response to stress and susceptibility to EtOH are lateralized functions"
- Drs. Cheryl Frye and Jamie Rusconi (University at Albany, SUNY) "Progestins and stress actions via PXR"

**2:30-3:00pm:** Coffee Break

**3:00-5:00pm:** (Session 3) Glucose- Chaired by Dr. Robert Flint

- Dr. Lauren Jacobsen (Albany Medical College) "Neural effects of glucocorticoid steroids from adrenal cortex to understand communication between brain and body"
- Dr. Ewan McNay (University at Albany, SUNY) "Glucose learning and memory"
- Dr. Jacob Harney (University of Hartford) "Diabetes model and neurodegeneration"
- Dr. Peter Butera (Niagara University) "Estrogen and feeding"

**5:00-7:00pm:** Keynote address by Dr. Paul Davis "The Thyroid hormone and health"

**7:00-9:00pm:** Keynote address by Mr. Chris Danes "Operation Which Doctor"

### Day Two

**8:00-10:00am:** Breakfast and Poster Session

**8:30-9:30am:** Keynote address by Drs. Jensen & Jacobson "50 Years of the Estrogen Receptor"

**9:45-11:45am:** (Session 4) Estrogen- Chaired by Dr. Scott Wersinger

- Dr. Peter Bradford (University at Buffalo) "Estrogen and bone"
- Dr. John Couse (Taconic) "Estrogen and ovaries"
- Alicia Walf (University at Albany) "Estrogen: brain and behavior"
- Dr. Esther Sabban (New York Medical College) "Estrogen and ANS mechanisms"

**11:45-12:30pm:** Lunch and Poster Session

**12:30-2:30pm:** (Session 5) Endocrine Disrupter- Chaired by Drs. Larry Schell and Michael Bloom

- Dr. Lawrence Schell (University at Albany) "Evidence of endocrine disruption among the Akwesasne Mohawk people"
- Dr. Helmet Hirsch (University at Albany) "Lead and/or other environmental toxins on brain and behavior"
- Dr. Michael Bloom (University at Albany) "Toxic effects of endocrine disrupters"
- Dr. David Spink (Wadsworth Center) "Estrogens and estrogen metabolism in the genesis of breast cancer"
- Dr. Richard Segal (Wadsworth Center) "Developmental toxicity of PCBs heavy metals and neuroimmune interactions on Parkinson's"

**2:30-3:00pm:** Coffee Break

**3:00-5:00pm:** (Session 6) Progesterone- Chaired by Dr. Sheryl Smith

- Dr. Betty Zimmerberg (Williams College) “Stress, development, and neurosteroids”
- Dr. Vanya Quinones-Jenab (CUNY Hunter) “Progesterin receptors and cocaine”
- Dr. Sheryl Smith (SUNY Downstate Medical Center) “Neurosteroid effects at the GABA-A receptor change at puberty”
- Dr. Peter Bergold (SUNY Downstate Medical Center) “Progesterone and brain damage”

**5:00:** Meeting wrap-up and prizes

**5:30-7:00** “Makin’ Babies or Not” A satellite session led by Dr. Jamie Rusconi

### Registration

To promote participation at the conference, any attendee that actively participates in the conference as a discussant or presents a poster will have the registration fee waived. Anyone who is not actively participating as an organizer, keynote, chair, speaker, discussant, and/or poster presenter must pay registration (\$100). Trainees can request a waiver of registration by writing in advance of the meeting to request one. Registration forms can be obtained from, and submitted to, [cm949@albany.edu](mailto:cm949@albany.edu). We can accommodate some on-site registrants, but the information for those who do so will not be able to be included in the program and they will be required to pay the registration.

### Dissemination of Conference Materials

Proceedings from the meeting will be published in a special conference book, which will include speakers’ abstracts, biographies and posters. There will be a special issue of the journal *Physiology & Behavior* based upon this conference.

### Organizer:

**Dr. Cheryl A. Frye, University at Albany, SUNY**  
[cafrye@albany.edu](mailto:cafrye@albany.edu)

**Ms. Cathy Murray, UAlbany,** [cm949@albany.edu](mailto:cm949@albany.edu)

Ms. Patricia Scott, UAlbany,

### Co-Organizers:

**Dr. Sheryl S. Smith, SUNY Downstate Medical Center**  
[sheryl.smith@downstate.edu](mailto:sheryl.smith@downstate.edu)

**Dr. Scott R. Wersinger, University at Buffalo, SUNY**  
[sw39@buffalo.edu](mailto:sw39@buffalo.edu)

### Support for this Conference is provided by:

- AmeriSciences
- Bioconnex
- Conversations in the Discipline Program
- Biological Sciences (UAlbany)
- Dean of Arts and Sciences (UAlbany)
- Elsevier Publishing Company
- Office of Diversity and Affirmative Action (UAlbany)

- Psychology Department (UAlbany)
- Research Foundation
- University Auxiliary Services (UAlbany)

### Location

*Conversations in the Capital District* on Hormones will be held at the University at Albany-SUNY (Albany, NY) in the Life Sciences Research Building.

**Directions to University at Albany:** (1400 Washington Ave, Albany, NY)

**Driving from the South:** I-87 (Thruway) to Exit 24; I-90 East to Exit 2; cross Washington Avenue onto campus and turn left on to University Drive.

**Driving from the West:** I-90 (Thruway) to Exit 24; I-90 East to Exit 2; cross Washington Avenue onto campus and turn left on to University Drive.

**Driving from the North:** I-87 (Northway) to Exit 1; I-90 East to Exit 2; cross Washington Avenue onto campus and turn left onto University Drive.

**Driving from the East:** I-90 West to Exit 2; left onto Fuller Road; left onto Washington Avenue; first right onto campus and turn left on to University Drive.

**From Albany International Airport:** Exit the airport onto Albany-Shaker Road; Follow signs to I-87; turn right onto I-87 South; I-87 to Exit 1; I-90 East to Exit 2; cross Washington Avenue onto campus and turn left on to University Drive.

**Once on Campus:** Continue on University Drive one past the Life Sciences Research Building take the first right. Visitor parking is found at the second left. The cost is \$5/day.



**Accommodations:** Available accommodations will be limited, as this conference will precede the University at Albany’s Homecoming weekend. There are several hotels located within a close proximity to campus.

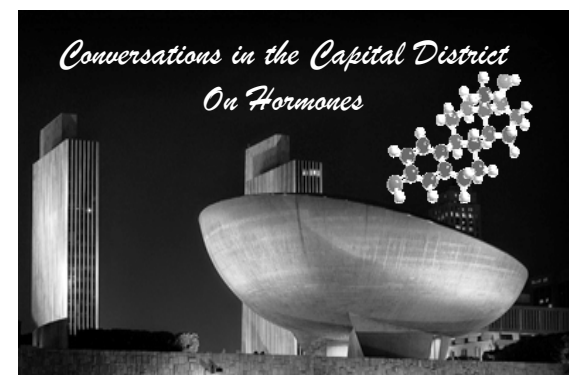
**Courtyard by Marriott**  
1455 Washington Ave.  
Albany, NY  
(518) 435-1600

**Days Inn**  
1230 Western Ave.  
Albany, NY  
(518) 489-4423

**Hilton Garden Inn**  
1381 Washington Ave.  
Albany, NY  
(518) 453-1300

**Holiday Inn Express**  
1442 Western Ave.  
Albany, NY  
(518) 438-0001

## THE FIRST CONFERENCE OF



will be held

**October 23 & 24, 2008**

**at University at Albany**

**Life Sciences Research Building  
Albany, NY**

The keynote speakers will be

**Dr. Elwood Jensen**

**University of Cincinnati**

**& Dr. Herbert Jacobson**

**Albany Medical College**

**“50 Years of the Estrogen  
Receptor”**

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**Dr. Paul Davis**

**Ordway Research Institute**

**“The Thyroid Hormone and  
Health”**

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**Mr. Chris Danes**

**Albany County District**

**Attorney’s Office**

**“Operation ‘Which’ Doctor”**