



Depression and Bipolar Support Alliance of San Diego

DBSA San Diego presents ...



John R. Kelsoe, M.D.

Recent Advances in the Genetics of Bipolar Disorder

Genes explain a large portion of the cause of bipolar disorder. Recent scientific advances have provided powerful new tools to understand the genetics of bipolar disorder. Identifying the genes that cause bipolar disorder will lead to new methods of diagnosis and new forms of treatment.

when **Monday, 02 May 2011**
6:00pm – 8:00pm

where **Garren Auditorium**
Biomedical Sciences Building
Medical School Campus
University of California, San Diego
La Jolla, California

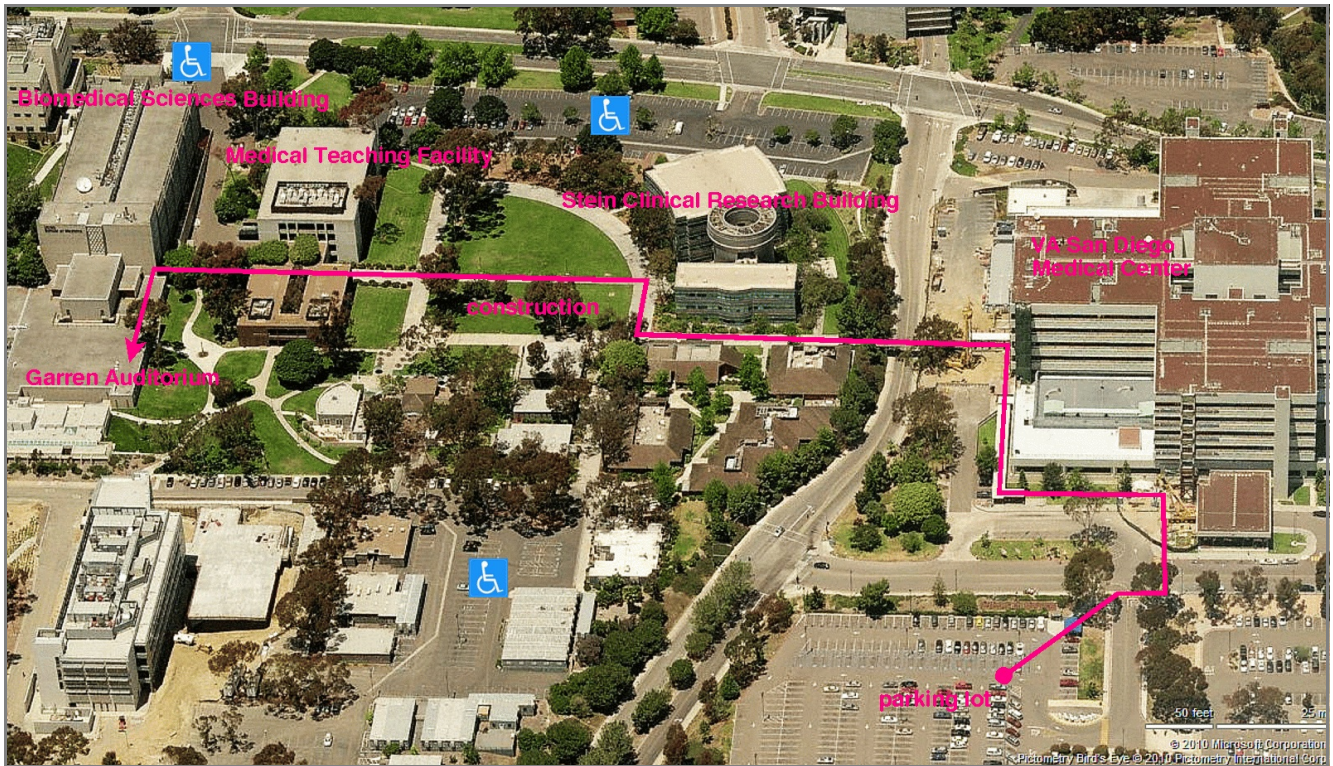
John R. Kelsoe, M.D.

Professor of Psychiatry | Director, Laboratory of Psychiatric Genomics | University of California, San Diego, La Jolla, California
Director, STEP Clinical Research Center, Veterans Affairs San Diego Healthcare System, San Diego, California

Research Focus Dr. Kelsoe's longstanding research focus has been the genetics of psychiatric illness, bipolar disorder in particular. As the director of the Laboratory of Psychiatric Genomics at the University of California, San Diego, his work has focused on using a variety of molecular genetic methods to identify the specific genes that predispose to bipolar disorder. He has pursued this primarily by using positional cloning methods such as linkage and association in families in which the illness is genetically transmitted. He has also employed animal models of bipolar disorder in order to identify possible candidate genes that can then be tested in clinical populations. This approach has led to the identification of the gene for G protein receptor kinase 3 (GRK3) as a likely gene for bipolar disorder on chromosome 22. Dr. Kelsoe is currently actively engaged in genome wide association studies of bipolar disorder. He directs the Bipolar Genome Study (BiGS) which is a 13-site consortium focused on identifying genes for bipolar disorder and their relationship to clinical symptoms. He also co-directs the Psychiatric GWAS Consortium for Bipolar Disorder (PGC-BD) which is an international collaborative effort designed to identify genes for bipolar disorder in a sample of over ten thousand patients. These large new technological approaches promise great advances in understanding the causes of bipolar disorder.

Clinical Focus Dr. Kelsoe's primary clinical focus is the treatment of refractory mood disorders. He is the Medical Director of the NIMH clinical research center Special Treatment and Evaluation Program (STEP) at the Veterans Affairs San Diego Healthcare System where he specializes in the treatment of chronic and refractory mood disorders. Patients at this clinic receive a thorough diagnostic evaluation and are eligible to participate in longitudinal research studies of the ability of genes to predict course, outcome, and treatment response.

There is *free parking* in the VA San Diego Medical Center parking lot. Garren Auditorium is a short walk over the footbridge. Follow the signs for about one block. *See the map on the reverse side for detailed directions.* For information on parking with "Disabled Person" placards or license plates, see <http://blink.ucsd.edu/facilities/transportation/permits/disabled.html> or see the map overleaf.



Walking Directions to Garren Auditorium

Follow the DBSA San Diego signs with the blue arrows along the way.

1. Start in the parking lot and walk to the bus stop in front of the VA San Diego Medical Center (usually called the VA Hospital in La Jolla).
2. Walk **west** to the covered outdoor corridor, turn **right** and walk down that corridor (along the western edge of the hospital) until you turn **left** when you get to the footbridge crossing Villa La Jolla Drive. Walk over that footbridge.
3. Continue walking past the **Stein Clinical Research Building** (on your **right**).
4. To avoid the construction area, follow the sidewalk **right** and then **left** where the fence ends, continuing toward the **Medical Teaching Facility** building.
5. Walk under the overhead walkway connecting the two parts of **Medical Teaching Facility**.
6. Continue walking until you reach the **Biomedical Sciences Building**.
7. Enter the large glass sliding doors and turn immediately **left** down a corridor, where there is a sign saying **Garren Auditorium** is in Room 1105.
8. Walk down the corridor, turning **right**, then **left**.
9. **Garren Auditorium** is down the first hallway to your **left**, Room 1105. You can enter at the bottom, where the lecturer is, or continue until you see a staircase going up on your **right**. This will take you to the top (back) of the auditorium.

Please note: The sliding glass doors to the Biomedical Sciences Building lock from the outside at 7pm, so please be sure to arrive before then.