

Mozart & The Mind 2013



“Mainly Mozart is playing to the belief that its audience is smart and wants to be treated intelligently.”

—James Chute, U~T San Diego





Tim Mullen *Artistic Partner*

“Mozart & The Mind is unique in that it integrates research and art, with cutting-edge scientific discourse and live musical performances. What an exciting blend of groundbreaking learning and amazing music!”

INSIDE Mozart & The Mind

Welcome to the inaugural season of **Mozart & The Mind**—a blend of music and science, of research and artistic expression!

This unique new series integrates cutting-edge scientific discourse with live musical performances and audiovisual demonstrations. Learn about music’s role in therapy, rehabilitation and improving brain function as well as how advances in cognitive neuroscience can open new possibilities for musical expression. Experience first-hand how the brain relates to music perception, rhythm and composition. Discover how to integrate music into your life in ways that may improve cognitive function and delay or mitigate the effects of brain disease and aging. *It’s what happens when Mozart meets the mind!*

We are proud to partner with these agencies which share our commitment to the healing power of music.



A Mind-Expanding EXPERIENCE!

Three fascinating weekends: May 10 & 11 | May 17 & 18 | May 31 & June 1



Free Friday Music/Brain Lectures

We are honored to present some of the nation's leading scientists and researchers in the field of brain/music connections. They will lecture on how music and its patterns impact the brain—critical discoveries that have the power to impact disease and aging.



Unique Saturday Performances

Every Saturday during the series, unique and groundbreaking performances will merge music and science to both educate and entertain. See first-hand the impact of music on the brain and its relation to cognitive development, aging, and health.



Six World-Class Weekend Concerts

For three unforgettable weekends, we will pair Mozart & The Mind with six world-class Spotlight concerts that are sure to be the highlight of the season! Enjoy Mozart and the Masters performed by stellar musicians in a series curated by pianist Anne-Marie McDermott.



Free Interactive Music & The Brain Expo

Audience members, scientists and artists interact around installations that explore the brain/music connection. Strap on wearable brain imaging technology allowing you to explore 3D models of your brain activity and to create music with your mind!

Mozart & The Mind:

All performances will be held in the acoustically superb Auditorium at The Scripps Research Institute in La Jolla.



Richard Warp

Friday, May 10

6:00pm Neurotechnology and Music: A Composer's Perspective.

Free lecture by Richard Warp

Award-winning composer, producer and sound designer

Richard Warp presents a free talk exploring his work on musical environments which respond to expressions, emotions and other states of body, brain and mind. He discusses the challenges and rewards of working at the intersection of art, science and technology.

6:30pm Wine Reception (*included in concert ticket price*)

7:30pm Pianists Anne-Marie McDermott and Stephen Prutsman perform Mozart, Lutoslawski, Gershwin and Milhaud



Dr. Alexander Khalil

Saturday, May 11

5:30pm In Sync: Music, Synchrony, and Attention
Drs. Alexander Khalil and Victor Minces with the Giri Nata Ensemble (\$25 per person)

Dr. Alexander Khalil, with computational neurobiologist Dr. Victor Hugo Minces, will address the role of musical training in improving focus and treating attention disorders. They will explore this topic in an exciting evening of cognitive neuroscience, interactive visualizations and live Gamelan performance by the Giri Nata ensemble.

6:30pm Free Music & The Brain Exposition

7:30pm Repeat of Friday's McDermott/Prutsman concert



Dr. Victor Minces

2013 PROGRAM SCHEDULE

Friday, May 17

6:00pm The Basis of Musical Feeling: Pitch, Pulse, and Affective Listening

Free lecture by Dr. Scott Makeig and Grace Leslie

Dr. Scott Makeig, founding director of the Swartz Center for Computational Neuroscience at UCSD, will demonstrate how a web of notes contained in a single musical tone underlies our emotional perception of music. With musician and cognitive scientist Grace Leslie, he will show new research that uses full-body motion capture and mobile brain imaging to explore how musical pulse conveys feeling.

6:30pm Wine Reception *(included in concert ticket price)*

7:30pm The St. Lawrence String Quartet performs Bach, Haydn and Mendelssohn

Saturday, May 18

5:30pm Music and Aging: Exercise for a Well-Tempered Mind

Drs. Nina Kraus and Adam Gazzaley (\$25 per person)

Drs. Nina Kraus (Hugh Knowles Professor at Northwestern University) and Adam Gazzaley (founding director of the Neuroscience Imaging Center at UC San Francisco) discuss how aging impacts hearing, memory and brain function as well as music's role in toning the brain for auditory and cognitive fitness throughout life. Audience members will enjoy fascinating demonstrations, including live, cutting-edge 3-D visualization of brain activity.

6:30pm Free Music & The Brain Exposition

7:30pm Repeat of Friday's St. Lawrence String Quartet concert



Dr. Scott Makeig



Grace Leslie



Dr. Nina Kraus



Dr. Adam Gazzaley

2013 PROGRAM SCHEDULE



Dr. Barbara Reuer

Friday, May 31

6:00pm Music Therapy: Ancient Practice, Beat of the Future

Free lecture by Dr. Barbara Reuer

Drawing on over 35 years of clinical, entrepreneurial, and educational experience in music-centered wellness and music therapy, Dr. Reuer will take the audience on a journey that demonstrates the power of music to heal, maintain health and transform lives, including those diagnosed with neurological disorders and diseases such as autism, Alzheimer's, and Parkinson's.

6:30pm Wine Reception *(included in concert ticket price)*

7:30pm Stefan Jackiw (violin), Che-Yen Chen (viola), Ronald Thomas (cello), Jose Franch-Ballester (clarinet), Julie Landsman (horn), Anna Polonsky (piano) perform Mozart, Haydyn, Novacek and Dohnányi



Dr. Aniruddh Patel

Saturday, June 1

5:30pm Rhythm, Music, and the Brain:
A Dialog on Neuroscience and Percussion

Lecture by Drs. Aniruddh D. Patel, John Iversen and Aiyun Huang

Drs. Aniruddh D. Patel (Tufts University) and John Iversen (UCSD Institute for Neural Computation) join forces with prize-winning percussionist Aiyun Huang of the Centre for Interdisciplinary Research in Music Media and Technology (Montreal) in an exciting hour of world-class performance and cutting-edge neuroscience. This dynamic trio will engage each other and the audience, exploring topics such as the neurobiology of musical rhythm, the interplay of music and memory, and the influence of music on early brain development and in restoring brain function.

6:30pm Free Music & the Brain Exposition

7:30pm Repeat of Friday's concert



Dr. John Iversen



Dr. Aiyun Huang