



This project was partially supported by Indiana University's New Frontiers in the Arts & Humanities Program.



It is with active minds and a collective spirit that the schools of Art, Medicine, Engineering, Informatics, Health and Rehabilitation Sciences, Nursing and Liberal Arts present *21<sup>st</sup> Century Great Conversations in Neuroscience, Art and Related Therapeutics*.

This international symposium organized by Juliet King, MA, ATR-BC, LPC will provide a unique opportunity for a range of experts to present their insights and engage in trans-disciplinary dialogue on how brain science and artistic processes inform one another to support the overall health and amelioration of disease for patients, their caregivers, families and friends.

### Panel Discussions

The individual presentations will be followed with interactive panel discussions that will focus on translating the valuable information into clinical and research strategies that will inform patient care. The panel discussions will be recorded and developed into a podcast and transcribed into conference proceedings.

### CME & CEU Credits

The Indiana University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Indiana University School of Medicine designates this live activity for a maximum of 7.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

This activity is qualified 7.5 Category I Continuing Education Units for Social Workers, Clinical Social Workers, Marriage and Family Therapists, Marriage and Family Therapy Associates, Mental Health Counselors, Mental Health Counselor Associates, Addiction Counselors, and Clinical Addiction Counselors as outlined by the Indiana Behavioral Health and Human Services Licensing Board.

In accordance with the Accreditation Council for Continuing Medical Education (ACCME) Standards for Commercial Support, educational programs sponsored by the Indiana University School of Medicine (IUSM) must demonstrate balance, independence, objectivity, and scientific rigor. All faculty, authors, editors, and planning committee members participating in an IUSM-sponsored activity are required to disclose any **relevant financial interest or other relationship** with the manufacturer(s) of any commercial product(s) and/or provider(s) of commercial services that are discussed in an educational activity.

Questions? Contact the Indiana University School of Medicine Division of Continuing Medical Education, 410 W. 10th St., HS 2100, Indianapolis, IN 46202.  
317.274.0104, 888.615.8013.

For other CME offerings, please visit our website: [cme.medicine.iu.edu](http://cme.medicine.iu.edu).

## 21<sup>st</sup> Century Great Conversations in Neuroscience, Art and Related Therapeutics

April 8 & 9, 2017

Hine Hall Auditorium

875 W North St. Indianapolis, IN 46202



“There is nothing more healing than seeing something in a different light and grander than your own existence.”

-- Anantha Shekhar, MD

## Registration

21<sup>st</sup> Century Great Conversations in Neuroscience,  
Art and Related Therapeutics

**Two Day Fee:** \$150  
**One Day Fee:** \$80



### Registration Waivers

Registration fees waived for:

- AATA and INDIATA members.
- Herron School of Art & Design faculty and students.
- Indiana University School of Medicine faculty and students.

50% off registration for:

- All other current Indiana University Purdue University faculty and students. Use coupon code: ART50

Click [here](#) to register and pay online.

- Payment options: MasterCard, Visa, American Express or Discover.
- Pre-registration will close April 5.

Onsite registration available onsite.

- Credit card and check payments will be accepted onsite. No cash.

## Objectives

At the conclusion of this activity, participants should be able to:

1. Identify the value of the neurosciences and arts when considering best practices for patient care;
2. Demonstrate an awareness of multi-dimensional perspectives of research methodologies in healthcare education, service and research;
3. Collaborate with faculty, colleagues, students, and community healthcare professionals to employ strategies to promote ongoing interdisciplinary education in the arts and sciences at Indiana University and IUPUI;
4. Describe the field of neuroaesthetics and its value to your discipline;
5. Demonstrate an awareness of the various ways within which an understanding of neuroaesthetics can inform research and clinical practice;
6. Identify at least one method of integrating the concepts of neuroaesthetics into your current understanding of research and practice;
7. Identify current practice gaps;
8. Identify colleagues and schools on campus for collaboration;
9. Work collaboratively with faculty, colleagues and community healthcare professionals in the development of research goals that benefit patient care;
10. Describe Mobile Brain-Body imaging and how this technology can serve the research community; and
11. Demonstrate the value of collaborating with other professionals in the use of technology to assist in research.

## Agenda

Saturday, April 8, 2017	
8:00 a.m.	Registration & Continental Breakfast
9:00 a.m.	<b>Keynote 1</b> Neuroaesthetics   Anjan Chatterjee, MD
9:30 a.m.	Audience Q & A
10:00 a.m.	<b>Speaker 1:</b> Neurodegenerative Disease & Creative Arts Therapies   Robert Pascuzzi, MD <b>Speaker 2:</b> Empathy in Medical Student Education   Emily Beckman, DMH <b>Speaker 3:</b> Art Therapy & Neuroscience   Juliet King, MA, ATR-BC, LPC <b>Speaker 4:</b> Art Therapy & Continuous Traumatic Stress   Myra Saad, MA, ATR
11:15 a.m.	Panel Discussion
12:00 p.m.	Lunch
1:15 a.m.	<b>Keynote 2</b> Neuroscience of Creativity and Consciousness   Arne Dietrich, PhD
1:45 p.m.	Audience Q & A
2:10 p.m.	<b>Speaker 1:</b> Arts and Humanities in Medicine & Education   Jeff Rothenberg, MD, MS <b>Speaker 2:</b> Epilepsy Self Management   Janice Buelow, RN, PhD, FAAN <b>Speaker 5:</b> Dance-Movement Therapy   Heidi Fledgerjohn, MA, BC-DMT, E-RYT <b>Speaker 4:</b> Art as Pilgrimage & Sanctuary   Jawshing Arthur Liou, MFA <b>Speaker 5:</b> Design for Healing Environment/Art Design for Civic Practice   Michael Kaufman, MLIS
3:15 p.m.	Panel Discussion
4:00 p.m.	Closing Statements
Sunday, April 9, 2017	
9:00 a.m.	<b>Keynote 3</b> Mobile Brain-Body Imaging   Klaus Gramann, PhD
9:30 a.m.	Audience Q & A
10:00 a.m.	<b>Speaker 1:</b> Psychological disintegration & Dissociation   Petr Bob, PhD <b>Speaker 2:</b> Music Therapy: Music-Based Interventions   Deb Burns, PhD, MT-BC <b>Speaker 3:</b> Informatics: Science/Art of Gameplay   Travis Faas, MS <b>Speaker 4:</b> Neuroscience, Multi-Modal Imaging & Creative Arts Therapies   Lukasz Konopka, PhD
11:00 a.m.	Panel Discussion
11:45 a.m.	Wrap-up and next steps/Closing statements

## Keynote Speakers

Our international presenters will offer their insights and expertise through individual presentations according to three tracks that share the common goal of better understanding the neuroscientific mechanisms and pathways for the therapeutic treatment of patients.

Each track has a designated Keynote speaker:

1. Neuroaesthetics - Anjan Chatterjee, MD
2. Creativity and Consciousness - Arne Dietrich, PhD
3. Mobile Brain-Body Imaging - Klaus Gramann, PhD

### Anjan Chatterjee, MD

Anjan Chatterjee, MD is the Elliot Professor and Chief of Neurology at Pennsylvania Hospital. In 2002 he was awarded the Norman Geschwind Prize in Behavioral and Cognitive Neurology by the American Academy of Neurology. His current research focuses on spatial cognition, language, neuroethics, and neuroaesthetics.

### Arne Dietrich, PhD

Arne Dietrich, PhD is a cognitive neuroscientist and Professor of Psychology at the American University of Beirut, in Lebanon. Professor Dietrich's research focuses on the neuroscience of creativity, altered states of consciousness, and the psychological effects of exercise.

### Klaus Gramann, PhD

Klaus Gramann, PhD is the Head of the Department of Biological Psychology and Neuropsychology Ergonomics at the Berlin Institute of Technology in Berlin, Germany. With a doctorate in Psychology, Dr. Gramann has a concerted interest in the neuroscience of embodied and spatial cognition. His particular specialty is in Mobile Brain/Body Imaging.

Additional speakers include:

- ❖ Petr Bob, PhD
- ❖ Janice Buelow, RN, PhD, FAAN
- ❖ Debra Burns, PhD, MT-BC
- ❖ Emily Beckman, DMH
- ❖ Travis Faas, MS
- ❖ Heidi Fledgerjohn, BC-DMT, E-RYT
- ❖ Michael Kaufmann, MLIS
- ❖ Juliet King, MA, ATR-BC, LPC
- ❖ Lukasz Konopka, PhD
- ❖ Jawshing Arthur Liou, MFA
- ❖ Robert Pascuzzi, MD
- ❖ Jeff Rothenberg, MD, MS
- ❖ Myra Saad, MA, ATR