

4th Annual CSF Disorder Symposium

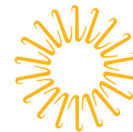
From Canvas to Clinic — *Artistic(al) Management of Cerebrospinal Fluid Disorders*

Saturday, June 15, 2019

Warren Alpert Medical School | Providence, RI



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WHO SHOULD ATTEND

Physicians, Physician Assistants, Nurse Practitioners, Nurses, Residents, Fellows and Researchers interested in advancing their understanding of the most prevalent Ehlers-Danlos syndromes (EDS) including diagnosis, manifestations, available treatment options, and the most current EDS research.

This comprehensive program will include topics of interest to healthcare professionals who specialize in gastroenterology, genetics, neurology, neuropsychology, neuroscience, neurosurgery, nutrition, pain management, pediatrics, physical therapy, primary care, pulmonology, radiology, rehabilitation, rheumatology, urology.

LEARNING OBJECTIVES

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

1. Describe the clinical manifestation of CSF disorders and implications on health and medicine
2. Discuss the concept of medical illustration in the traditional concept of arts in medical surgery
3. Promote and describe the concept of Arts & Healing and its potential to improve surgical outcomes
4. Promote the teaching aspects of artistic(al) medicine and management of health
5. Discuss the concept of 3D artwork and 3D printing and the potential of disease modeling, surgical planning and outcome and teaching

Register today: www.brown.edu/cme

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Saturday, June 15, 2019

7:30–8:30 AM	Registration, Breakfast, and Visit Exhibits	12:30–12:50	Indications of Artistic(al) Work in Training of Surgical Skills—The View From the Director of Neurosurgical Resident Training Curt Doberstein
8:30–9:15	Welcome & Introduction Ziya L. Gokaslan, MD, FAANS, FACS <i>Chair, Department of Neurosurgery</i> Petra M. Klinge, MD, PhD Francois Luks, MD, PhD Albert S. Woo, MD, PhD <i>Course Directors</i> Dorothy Poppe <i>Executive Director</i> <i>Chiari & Syringomyelia Foundation</i> Nancy Gaucher-Thomas Ellen Matesanz, MHA, MBA <i>Directors, Art League Rhode island</i> Jack A. Elias, MD <i>Senior Vice President for Health Affairs</i> <i>Dean of Medicine & Biological Sciences</i>	12:50–1:30	Lunch and Visit Exhibits
FROM CANVAS TO CLINIC: THE ENGINEERING ROLE & PERSPECTIVES(S)			
		1:30–1:50	The 3D Imaging Lab and Its Health Implications Derek Merck
		1:50–2:20	The RI and Brown Medical School Simulation Lab Leo Kobayashi, MD
		2:20–2:40	The “Yurt and the CAVE” Imaging system at Brown University Tom Sgouros, PhD
9:15–9:30	Presentation of Arts From a Patient with a History of Cerebrospinal Cyst in Infancy—An(the) Aspiring Artist! Y.B. , 12yo F, and family	2:40–3:00	MORE Artistic(al) VISION(s) of 3D Modeling and Computing Gabriel Taubin
9:30–9:50	Arts & Healing Prospectus at the Rhode Island State Arts Steven Boudreau	3:00–3:30	Break and Visit Exhibits
FROM CANVAS TO CLINIC: THE ARTIST(S) ROLE & PERSPECTIVES(S)			
9:50–10:10	Prospectus of ARTS and Medicine from the Rhode Island School of Art and Design Lizzi Ross	3:30–4:00	Artists and Perspectives in Disease with Focus on CSF Disorder Victoria Guerina, MFA
10:10–10:30	Arts and Healing at Hasbro Children's Hospital—A Perspective From A Cartoonist Steve Brosnihan	4:00–4:30	Artists and Perspectives of Healing Dennis O’Brian
10:30–10:45	Break and Visit Exhibits	4:30–5:00	Sculpturing and Medicine—The 3D Model of the Artist Peter J. Snyder, PhD
10:45–11:15 am?	FROM CANVAS TO CLINIC: THE PHYSICIANS ROLE & PERSPECTIVES(S)		
11:15–11:30	The History of Medical Illustration in Surgical Medicine with Focus on CSF Disorders Ian Suk, Bsc BMC, CMI	5:00 PM	Adjourn Petra M. Klinge, MD, PhD
11:30–12:30 PM	Surgical Indications of Artistic(al) Work <i>Cerebrospinal Fluid Pathologies</i> Petra Klinge, MD, PhD <i>Craniofacial Disorders and Syndromes</i> Albert Woo, MD, PhD <i>Fetal Surgery</i> Francois Luks, MD		

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COURSE DIRECTORS

Petra M. Klinge, MD, PhD

Professor of Neurosurgery
Warren Alpert Medical School, Brown University
Director, Division of Pediatric Neurosurgery
Director, Center for CSF Disorders of the
Brain and Spine
Rhode Island Hospital &
Hasbro Children's Hospital | Providence, RI

Francois Luks, MD, PhD

Professor of Surgery | Professor of Pediatrics
Professor of Obstetrics and Gynecology
Director, Brown Program in Fetal Medicine
Warren Alpert Medical School, Brown University
Chief, Division of Pediatric Surgery
Pediatric Surgeon-in-Chief
Rhode Island Hospital &
Hasbro Children's Hospital | Providence, RI

Albert S. Woo, MD

Associate Professor of Surgery
Associate Professor of Pediatrics
Associate Professor of Neurosurgery
Warren Alpert Medical School, Brown University
Director, Craniofacial Program
Chief, Pediatric Plastic Surgery
Rhode Island Hospital &
Hasbro Children's Hospital | Providence, RI

FACULTY

Steven Boudreau

Chief Administrative Officer
Rhode Island Department of Health
Co-Chair, Rhode Island School of Arts & Health | Providence, RI

Steve Brosnihan

Freelance Cartoonist | Bristol, RI
“Resident” Cartoonist, Hasbro Children's Hospital | Providence, RI

Y.B., 12 yo F, and family

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Curtis Doberstein, MD

Professor of Neurosurgery, Clinical Educator
Director, Neurosurgery Residency Program
Warren Alpert Medical School, Brown University
Director, Cerebrovascular and Skull-Base Surgery
Executive Vice-Chair, Clinical Operations
Rhode Island Hospital | Providence, RI

Jack Elias, MD

Senior Vice President for Health Affairs
Dean of Medicine and Biological Sciences
Frank L. Day Professor of Biology | Professor of Medicine
Warren Alpert Medical School, Brown University
Providence, RI

Nancy Gaucher-Thomas

Director, Art League Rhode Island | Providence, RI

Ziya L. Gokaslan, MD, FAANS, FACS

Gus Stoll, MD Professor and Chair, Neurosurgery
Warren Alpert Medical School, Brown University
Neurosurgeon-in-Chief
Rhode Island Hospital & The Miriam Hospital
Clinical Director, Norman Prince Neurosciences Institute
President, Brown Neurosurgery Foundation | Providence, RI

Victoria Guerina, MFA

Victoria Guerina Art | Providence, RI

Leo Kobayashi, MD

Professor of Emergency Medicine
Warren Alpert Medical School, Brown University
Director, Research & Innovation
Lifespan Medical Simulation Center
Rhode Island Hospital & The Miriam Hospital | Providence, RI

Ellen Matesanz, MHA, MBA

Director, Art League Rhode Island | Providence, RI

Derek Merck, PhD

Assistant Professor of Diagnostic Imaging (Research)
Assistant Professor of Engineering (Research)
Assistant Professor of Radiation Oncology (Research)
Warren Alpert Medical School, Brown University | Providence, RI

Dennis O'Brian

Mystic Art Museum | Mystic, CT

Dorothy Poppe

Executive Director
Chiari and Syringomyelia Foundation | New York, NY

Lizzi Ross

Associate Director, Exec Education & Professional Studies
Rhode Island School of Design | Providence, RI

Thomas A. Sgouros, PhD

Research Associate in Computer Science
Manager, Virtual Reality Lab | Brown University | Providence, RI

Peter J. Snyder, PhD

Professor of Neurology, Professor of Surgery
Warren Alpert Medical School, Brown University
Vice President, Research
Lifespan Hospital System | Providence, RI

Ian Suk, Bsc BMC, FAMI, CMI

Professor, Department of Art as Applied to Medicine
Medical Illustrator, Spine Center
Johns Hopkins University School of Medicine | Baltimore, MD

Gabriel Taubin, PhD, MS

Professor of Engineering | Professor of Computer Science
School of Engineering, Brown University | Providence, RI

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Program Description

The 2nd and 3rd CSF Disorders Symposia in [2017](#) and [2018](#) introduced the intersection of Art, Science and Medicine for disorders of the cerebrospinal fluid. Artwork on display has illustrated visually the transformative manifestations of CSF disorders, such as connective tissue disorders, Chiari malformation, hydrocephalus, syringomyelia and others.

This initiative was supported by the [Art League Rhode Island](#). Historically and traditionally, art has been applied to medicine and to surgery through surgical illustrating. However, there is “medical arts” beyond this, and the Rhode Island State Council on Arts in collaboration with the Rhode Island Department of Health and RISD, have promoted the powerful role that the arts can play in health and healing, and have expanded the [engagement of the arts](#) in health in the state of Rhode Island. Artists, through their ability to create a visual impression, will foster in the compassionate physician and the engaging patient a deeper understanding of the suffering behind a disease. Beyond this, visual arts can support the “designing” of surgical strategies.

Painting and sculpting are two forms of the visual arts. Through the development of 3D models and 3D printing techniques, visual impressions and concepts will aid in surgical planning and “designing” surgical strategies and outcomes: Predicting the details of surgical findings can be clearly illustrated, and the potential outcome of an elected surgical procedure can be envisioned through sculpture and 3-dimensional artwork.

The 2019 symposium will address the above outlined “artistic(al)” potentials and the implications on the diagnosis and management of CSF disorders as well as improving the outcome of the surgical profession. This includes enhanced education and teaching of medical students & surgical trainees.

Conference Location and Parking

Warren Alpert Medical School of Brown University
222 Richmond Street, Providence, RI 02912

Parking will be available in the parking garage [connected](#) to the Medical Building, located on the corner of Richmond and Elm Streets. Enter through the Elm Street entrance.



Please notify the Brown CME Office in writing at least two weeks prior to the conference to request reasonable accommodations.

Hotel Accommodations

To book hotel reservations with the current Brown University rate: <http://www.campustravel.com/university/brown/>

Registration Information — Register Online At:

https://apps.biomed.brown.edu/cme_registration

Registration Fees:

\$75.00 Healthcare Professionals

No Charge for Researchers, Residents, Fellows and Students but registration is required as space is limited.

Conference registration fee includes: breakfast, breaks, lunch, access to an online syllabus, and on-site parking.

Accreditation

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the Warren Alpert Medical School of Brown University and Department of Neurosurgery at Rhode Island Hospital. The Warren Alpert Medical School of Brown University is accredited by the ACCME to provide continuing medical education for physicians.

Credit Designation

Physicians: The Warren Alpert Medical School of Brown University designates this live activity for a maximum of 6.5 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Physician Assistants/Nurse Practitioners: Participants will receive a Certificate of Attendance stating this program is designated for 6.5 hours *AMA PRA Category 1 Credits*[™]. This credit is accepted by the AAPA and AANP.

Physical Therapists/Physical Therapy Assistants: The Warren Alpert Medical School Office of Continuing Medical Education is approved by the Rhode Island Board of Physical Therapy to offer CE programs for physical therapists. Physical therapist participants will receive a Certificate of Attendance for up to 6.5 hours.

Nurses: This activity has been submitted to the Northeast Multi-State Division for approval to award contact hours. The Northeast Multi-State Division is accredited as an approver of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation. Maine, New Hampshire, New York, Rhode Island, Vermont Nurses Associations are members of the Northeast Multi-State Division of the American Nurses Association.

Cancellation Policy

Cancellations/substitutions must be made in writing to the Brown CME Office at least two weeks prior to the conference, no later than May 31, 2019. A \$25.00 administrative fee will be charged for all refunds (no refunds for “no shows”). There will be no additional charge for substitutions. This conference is subject to change or cancellation.

For More Information, Contact the Brown CME Office

233 Richmond Street, Box G-R156, Providence, RI 02912

Ph: 401.863.2871 | F: 401.863.2202 | Email: CME@Brown.edu