



## 2018 ICAA Annual Scientific Symposium and First ICAA-CSA Joint Symposium in the USA



# Meeting Agenda

**7:30-8:20 Breakfast, Registration, Board Meeting**



**8:20** Call for order to start the meeting. Promotion video reviewing

**8:30-8:45 Opening**

Moderators: Zhonghui Guan (Chair of the local host)

### Opening remarks

Renyu Liu, MD, PhD, ICAA President

Lize Xiong, MD, PhD, CSA President (video greeting)

Zhiyi Zuo, MD, PhD, First President of ICAA

Xiangyang Guo, MD, PhD, Treasurer of CSA, ICAA-CSA 2018 Symposium Director

Michael Gropper, MD, PhD, Chair of UCSF Department of Anesthesia and Perioperative Care

### 8:45-8:55 AM Special Session

**Michael Gropper, MD, PhD**

The Medical History of the murals at Toland Hall

**9:00-10:10: Leadership opinion on anesthesia clinics and patient outcome**

Moderators: Renyu Liu (ICAA) and Xiangyang Guo (CSA)

**Angela Edward:** Establishing preoperative anesthesia clinics to improve efficiency and outcomes

**Jin Liu:** Pioneering preoperative clinic in Sichuan and promoting new government support specific to anesthesia

**Lee Fleisher:** Preparation of the elderly patient undergoing surgery: when do we need a preoperative consultation as opposed to skipping a clinic visit?

Discussion panelists: Xiaoqing Cai, Zeguo Feng, Chuanyao Tong, Hong Wang

**10:15-11:30 Monitoring and Outcome: Sense vs. Evidence**

Moderators: Junmei Xu (CSA) and Jianzhong Sun (ICAA)

**Richard Applegate:** Why use cerebral & somatic tissue oxygenation monitors?

**Hong Liu:** Does intraoperative EEG-based monitoring change patient outcome?

**Lingzhong Meng:** Hemodynamic management – the looming horizon

**Chuck Tong:** Carbon dioxide (CO<sub>2</sub>) – beyond respiration

Discussion panelists: Xiangyang Guo, Shanglong Yao, Yonggang Peng

**11:30-12:00 Lunch, Breaks, and Video Presentations**

**Academic missions from the collaborative efforts of academic and industry**



**12:00-12:55 Opioid crisis and opioid selection in perioperative period**

Moderators: Yanfu Shao (ICAA) and Jinbao Li (CSA)

**Yan Luo:** Can we do better in the rational use of analgesic drugs during the perioperative period?

**Alex Bekker:** Medicinal cannabis: clinical and legal considerations

**Renyu Liu:** Is signaling biased opioid a solution?

Discussion panelists: Zeguo Feng, Ailin Luo, Jie Zhou, Yuanxiang Tao

**13:00-14:00 Special symposium on the impact of pain and delirium management on ERAS**

Moderators: Yun Xia (ICAA) and Jiaqiang Zhang (CSA)

**Feng Yi (CSA):** Multi-model postoperative pain management on ERAS.

**Jingping Wang (ICAA):** Opioid crisis and perioperative pain management

**Zhengyuan Xia (ICAA):** Cognitive dysfunction after cardiac surgery: controversial and potential role and mechanism of remote ischemic preconditioning

Discussion panelists: Shaofeng Zhou, Enyou Li, Honghui Feng

**14:00-15:00 Pain and delirium: from basic science to clinical practice?**

Moderators: Zhiyi Zuo (ICAA) and Kexuan Liu (CSA)

**Roderic G Eckenhoff (ASA):** An update for the brain initiative for the American Society of Anesthesiology

**Dongxin Wang (CSA):** Postoperative sleep deprivation and delirium

**Daqing Ma (ICAA):** Surgery, neuroinflammation, and Beyond.

Discussion panelists: Jianzhong Sun, Xiangyang Guo, Henry Liu



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### 15:00-15:15 Break

### 15:15-16:15 The hosting department and institution Program

Moderators: Zhonghui Guan (hosting department) and Lingzhong Meng (ICAA)

**Jacqueline Leung:** Postoperative delirium, what's new?

**Catherine Chen:** Preoperative testing, how much is too much?

**Wei Zhou:** New insight about the neural circuits of anesthesia

**Zhonghui Guan:** Chronic postsurgical pain - how does nerve injury cause persistent pain?

Discussion panelists: Junmei Xu, Yuelan Wang, Jiaqiang Zhang, Jonathan Pan

### 16:20-17:20 Scientific Abstracts Presentation from ICAA and Award Competition

Moderators: Yuan-Xiang Tao (ICAA) and Shanglong Yao (CSA)

(\* represents the abstract selected for oral presentation)

1. **Jihong Xu:**  $\kappa$ -opioid receptors internalization is protective against oxygen-glucose deprivation-induced injury through Akt-mediated signaling pathway in vitro (Sponsor: Renyu Liu)
2. \***Di Zhou:** Cell free hemoglobin enhances the migration and invasion ability of human glioblastoma cells possibly via increasing the intracellular ROS level (Sponsor: Zhiyi Zuo)
3. **Qizhe Sun:** The role of necroptosis and stem cell-mediated tissue regeneration during ischemia-reperfusion injury in renal transplantation in rats (Sponsor: Daqing Ma)
4. \***Y Zhang:** Preoperative renin-angiotensin system inhibitors and cardiac surgery: patients with heart failure (Sponsor: J Sun)
5. \***Xinying Guo:** Role of dorsal root ganglion C/EBP $\beta$  in peripheral nerve trauma-induced nociceptive hypersensitivity (Sponsor: Yuan-Xiang Tao)
6. **Jenna Yan:** MicroRNA-143 inhibits nerve injury-induced upregulation of Dnmt3a expression in primary sensory neurons. (Sponsor: Ming Xiong)
7. \***Hasan Babazada:** Real-time label-free analysis of binding kinetics and thermodynamics of opioid interactions with human mu opioid receptor (Sponsor: Renyu Liu)
8. \***Jonathan Pan:** Early autonomic care affects recovery after acute traumatic spinal cord injury, from bench to bedside (Sponsor: Jonathan Pan).
9. \***Liang Zhang:** Risk factors of postreperfusion syndrome in pediatric deceased donor liver transplantation (Sponsor: Fushan Xu)
10. **Ya-Yang Liu:** Autophagy is involved in protection of ischemia preconditioning against myocardial ischemia/reperfusion injury by PI3K-Akt-mTOR signaling pathway in diabetic rats (Sponsor: Fushan Xu)
11. **Lixin An:** Electro-acupuncture in combination with local Anesthesia decreases rate of hyperperfusion and improves neural function after carotid artery stenting (Sponsor: Fushan Xu)



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12. \***Yinhui Zhou:**  $\alpha 7$ -Acetylcholine Receptor ( $\alpha 7$ AChR) stimulation with selective agonist, GTS-21, mitigates exaggerated nociceptive behaviors in burn-injured rats (Sponsor: Renyu Liu)
13. **Yichun Lin:** The use of hydroxocobalamin for septic shock: A case report (Sponsor: Hong Liu)

Discussion panelists: Daqing Ma, Renyu Liu, Yugang Huang, Yunping Li

### 17:25-17:45 Awards Presentation

Moderators: Renyu Liu (ICAA) and Yuguang Huang (CSA)

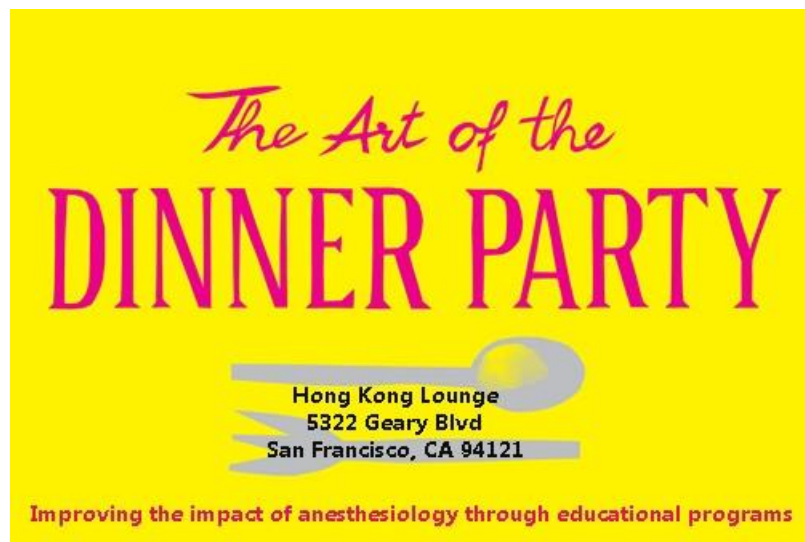
Tentative award to be presented as follows

- 1) Hall of Fame (Zhiyi Zuo)
- 2) Scientific Presentation Award (Yuanxiang Tao)
- 3) Mentorship Award (Yun Xia)
- 4) Consistent Sponsorship Award (Jianzhong Sun)

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### 17:50 Closing Remarks

- Dr. Hong Liu, President-elect of ICAA and Local Hosting co-Chair
- Dr. Yuguang Huang, President elect of CSA;
- Dr. Xiangyang Guo, Chief Program Officer for This Specific Event, Treasurer of CSA





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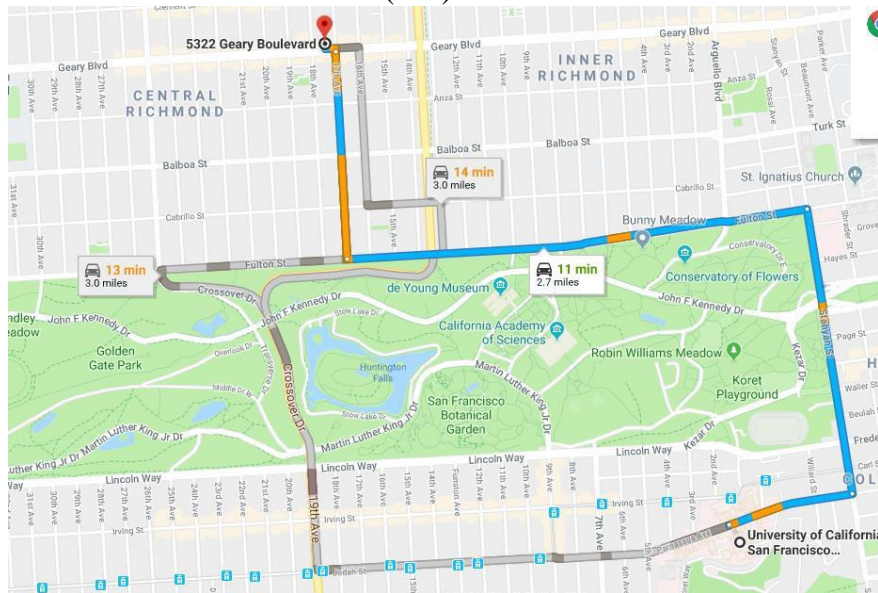
## 18:00 Dinner and Round Table Discussion

Departure for light dinner with academic round table discussions on improving the impact of anesthesiology through educational programs

Hosting Professors: Hong Liu, Zhonghui Guan, Xiangyang Guo, Shaofeng Zhou

Potential Key Speakers  
Renyu Liu, MD (ICAA President)  
Yuguang Huang, MD (CSA President-elect)  
Yanfu Shao, MD, (ICAA Vice President  
Yun Xia, MD (ICAA Secretary General)

Hong Kong Lounge  
5322 Geary Blvd  
(Btwn 17th & 18th Ave)  
San Francisco, ca 94121  
Tel: (415) 668-8836



**Dr. Renyu Liu, Dr. Lize Xiong, the meeting organizing team members, and the hosting department thanks everyone for their contribution and participation!**

**We would also like to specifically thank Ehwa Team dedicated to this symposium for their outstanding coordination and many other strong supports!**



A mural image from Toland Hall

## Meeting location and transportation

Our meeting place is on Toland Hall on the Parnassus campus, University of California, San Francisco, The first floor of UC Hall (room U-142). It is not far away from the convention center for the ASA meeting.





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## Meeting Sponsors

We appreciate the following sponsors for supporting ICAA, CSA, and the event.



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Department of Anesthesia and Perioperative Care



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