

## GOVIND RANGRASS

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### Education and Professional Training

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- 2017 - Present      **University of California Los Angeles, Department of Anesthesiology and Perioperative Medicine, Division of Liver Transplant Anesthesiology**    Los Angeles, CA  
*Clinical Instructor and Liver Transplant Anesthesiology Fellow*  
Advisors: Dr. Randolph Steadman, MD, and Dr. Christopher Wray, MD.  
Advanced practice training in perioperative optimization and anesthetic management of high MELD adult and pediatric liver transplantation, including small bowel and multi-visceral organ transplants.
- 2013 - 2017      **Washington University-St. Louis School of Medicine, Department of Anesthesiology Barnes-Jewish Hospital**    St. Louis, MO  
*Categorical resident in the WU Scholars Program, a mentored research track integrated into residency training.*
- 2009 - 2013      **University of Michigan Medical School, University of Michigan**    Ann Arbor, MI  
*Degree: M.D. Robert and Jane Rogers Scholar and Alexander S. Vida Memorial Scholar*  
*Global REACH Grant for trauma surgery elective between January-March 2013 at University of Cape Town, Groote Schuur Hospital, Cape Town, South Africa.*
- 2008-2009      **U.S. Fulbright Scholarship, Public Health**    Pune and Mumbai, Maharashtra, India  
*Fulbright Scholar at National AIDS Research Institute, Indian Council of Medical Research, Pune, Maharashtra*  
Advisors: Dr. Seema Sahay, Ph.D., Assistant Director of NARI, and Dr. Mamta Manglani, MBBS, Head of the Department of Pediatrics, Sion LTMG Hospital, Mumbai. Conducted a study on “child-headed households” in Pune and Mumbai, Maharashtra, India. Studied the health and social vulnerabilities of male sex workers and vulnerable/orphaned children through in-depth interviews and focus group discussions.
- 2004 – 2008      **Yale College, Yale University**    New Haven, CT  
*Degree: B.A. Honors in Anthropology and Honors in South Asian Studies (Economics and Politics)*  
South Asian Studies Advisor: T.N. Srinivasan, PhD, Samuel C. Park, Jr. Professor of Economics  
Anthropology Advisor: Nora Groce, PhD, Associate Professor of Public Health

### Work/Research Experience

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- 2015 - 2017      **Institute of Quality Improvement, Research, and Informatics (INQUIRI), Washington University-St. Louis Department of Anesthesiology**  
St. Louis, MO  
*Systematic Assessment and Targeted Improvement of Services Following Yearlong Surgical Outcomes Surveys*  
Advisor: Dr. Michael S. Avidan, MBBCh, Dr. Seymour and Rose T. Brown Professor of Anesthesiology, Director of INQUIRI  
Currently conducting studies on post-operative pain, functionality, and quality of life using data collected by the SATISFY-SOS program. Merging the American College of Surgeons National Surgeons Quality Improvement Program data and Society for Thoracic Surgeons Database with our department’s perioperative outcomes database for ongoing and future hypothesis-generating outcomes research projects.
- 2012 - 2013      **Multicenter Perioperative Outcomes Group, University of Michigan Medical School**  
Ann Arbor, MI  
Advisor: Dr. Sachin Kheterpal, M.D., MBA. Associate Professor of Anesthesiology, Director of the Multicenter Perioperative Outcomes Group, University of Michigan Medical School  
As part of the MPOG team of programmers and informaticists, my responsibilities included developing our core research methodology, raw data mining and cleaning, and mapping data from various anesthesia information management systems onto the central MPOG database.
- 2010 - 2011      **Blue Cross Blue Shield Medical Student Award**  
Ann Arbor, MI  
*State-level grant for the projects “NSQIP Market Share Analysis,” and “Ranking Hospitals by Morbidity: Severity and Complications.” August 2010-March 2011.*  
Advisor: Dr. Justin Dimick, M.D., MPH, George D. Zuidema Professor of Surgery, and Director of the

Center for Healthcare Outcomes and Policy, University of Michigan Medical School  
Conducted health policy analysis on NSQIP and Medicare claims data on mortality, hospital quality, and outcomes.

- 2010 **Summer Biomedical Research Program, University of Michigan Medical School**  
Ann Arbor, MI  
*University grant for the project, "Disparities in Access to High Quality Hospitals."*  
Advisor: Dr. Justin Dimick, M.D., MPH, George D. Zuidema Professor of Surgery, and Director of Center for Healthcare Outcomes and Policy, University of Michigan Medical School  
Conducted health policy analysis on Medicare claims data to study the likelihood of underprivileged populations to be admitted to high quality hospitals. Analyzed data for 6 common, high-risk surgeries. Resulted in one first-author abstract and one plenary presentation at the 2011 American Surgical Congress.
- 2009 - 2010 **New York Academy of Medicine, David E. Rogers Fellowship**  
Ann Arbor, MI  
*National grant for the project, "Explaining Racial Disparities in Cardiac Surgery"*  
Advisor: Dr. Justin Dimick, M.D., MPH, George D. Zuidema Professor of Surgery, and Director of Center for Healthcare Outcomes and Policy, University of Michigan Medical School  
Conducted health policy analysis on Medicare claims data to explain racial disparities in outcomes after cardiac surgery. Resulted in one first-author abstract and one plenary presentation at the 2011 American Surgical Congress and one first-author publication pending review in *Surgery*. Gave final presentation at NYAM to an audience of senior researchers and its President.
- 2008 **Yale-China Fellowship, Society for Community Organization (SoCO)**  
Hong Kong, Hong Kong and Changsha, Hunan  
*Yale-China Public Service Intern – Funded by Yale-China Association*  
Advisor: Annie Lin, Organiser of SoCO. Studied the challenges asylum seekers face in seeking health care, developing social networks, coping with discrimination, and obtaining government welfare services. Taught English to middle school students in Changsha, Hunan.
- 2007 **Class of 1956 Fellowship, The Origins, Evolution, and Technical Aspects of Authentic Bhangra Dance**  
Punjab, India  
*Independent Research – Funded by the Yale College Class of 1956 Fellowship*  
Studied the cultural meanings and technical aspects of bhangra dance, collected an oral history of the dance traditions from folk dance masters and dancers throughout the Punjab region, and trained with the Punjab Agricultural University Bhangra Team in Ludhiana, Punjab.
- 2007 **Robert C. Bates Fellowship, The Role of the Elderly in Responding to the HIV/AIDS Crisis in India**  
Mumbai, India  
*Independent Research – Funded by the Yale University Robert C. Bates Fellowship*  
Principal Investigator. Collaborated with the National AIDS Research Institute, Jeevan Sahara Kendra, J.J. Hospital ART Centre, and the World Health Organization to organize focus group discussions and conduct in-depth interviews to understand the physical, emotional, and financial impact of caregiving for HIV/AIDS afflicted family members on the elderly.
- 2006 **World Health Organization**  
Geneva, Switzerland  
*Summer Intern*  
Advisor: Alexander Kalache, M.D., Ph.D. Director of the Ageing and Life Course Programme at WHO. Compiled final recommendations for a three part study conducted in 18 developing countries over 5 years called, Integrated Response of Health Care Systems to Rapid Population Ageing (INTRA) and developed a model for policy action.
- 2005 **National Institutes of Health, National Institute of Allergy and Infectious Diseases**  
Bethesda, MD  
*Intramural Research Training Award (\$5000)*  
Advisor: Stephen Leppla, PhD, Chief of the Bacterial Toxins and Therapeutics Section  
Studied gene regulation mechanisms in *Bacillus anthracis*, or anthrax, using Northern Blots and microarrays to search for micro-RNAs.

## Leadership/Extracurricular Activities

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- 2008 - Current      **International Bhangra Judge** – International dance competitions judged: *Motor City Bhangra II* (Detroit, MI), *Sunset Bhangra* (Tampa Bay), *Boiler Bhangra* (West Lafayette, IN), *Bhangra in the Burgh III/IV* (Pittsburgh), *Bhangra Fever II* (NY), *Bayside Bhangra* (Tampa Bay), *Big Apple Bhangra I/II/III/IV* (NYC), *Jawani Bhangra* (Toronto, ON), *North American Culture Show I/II* (Niagara Falls), *South Asian Dance Dimensions* (Princeton, NJ)
- 2009 - 2011      **U.S. Regional Advisor to TheLancetStudent.com** – Maintained a regular blog on global public health issues at <http://www.thelancetstudent.com> and conducted regional TLS meetings.
- 2004 - 2008      **Yale Bhangra Team** – Captain, Choreographer, Founder of nationally competitive Indian dance team. Won grants from the Yale Dean's and President's Discretionary Fund, South Asian Studies Council, and the Pierson, Davenport, Branford, and Trumbull Masters to compete at Bhangra Blowout 15 and 13, the national intercollegiate bhangra competition. Youtube video link: <http://www.youtube.com/watch?v=alMXTDkt9hA>
- 2005 - 2008      **Yale Hindu Students Council** – President and Founder. Organized events for the Hindu community including *Divali Pooja*.
- 2004 - 2006      **Yale College Council** - Elected as the Davenport Representative on the Council of Representatives.
- 2005 - 2007      **Yale Journal of Public Health** – Associate editor.
- 2005 - 2006      **Yale South Asian Society** – Treasurer.

## Significant Community Service

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- 2007 – 2008      **Yale Community Health Educators** – taught general health education to underprivileged students in New Haven public schools for 4 hours/week. Workshops include: Healthy Sexuality, STDs/HIV, Nutrition, and Effective Communication Skills.
- 2005 – 2008      **Coordinated major fundraising initiatives** for Unite for Sight, Earthquake Relief, Nepali Education Fund, and Tsunami Relief through involvement in student organizations. Cumulatively raised over \$9,000 for charity through Yale Bhangra Society performances.
- 2007      **People's Health Organisation** – Grassroots volunteer work to provide HIV/AIDS counseling to sex workers and their families in Mumbai's red light districts, counsel drug peddlers in central Mumbai, and educate the general public about HIV/AIDS with pamphlets and in organized public forums.

## Publications/Presentations

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1. Vannucci A, Rossi I, **Rangrass G**, Cavallone L. Modifiable and Non-Modifiable Factors Associated with Perioperative Failure of Extraglottic Airways. *Anesthesia and Analgesia*. Submission Accepted, October 2017.
2. Mathis M, Naik B, Freundlich R, Shanks A, Heung M, Kim M, Burns M, **Rangrass G**, Engoren M, Saager L, Tremper K, Kheterpal S. The Relationship between Preoperative Risk, Hypotension, and Postoperative Acute Kidney Injury: A National Multicenter Analysis. Submission under review at *British Medical Journal*, October 2017.
3. **Rangrass G**, Ghaferi AA, Dimick JB. Explaining racial disparities in outcomes after cardiac surgery: the role of hospital quality. *JAMA Surgery*. 2014 Mar; 149(3): 223-7.
4. **Rangrass G**, Abdullah A, Sharma A, Haroutounian S, Wildes TS, Avidan MS. Postoperative complications are associated with persistent pain. Abstract accepted at the 2016 International Anesthesia Research Society Scholars' Program. Presented at Midwest Anesthesia Regional Conference 2016, 2<sup>nd</sup> place award in "Original Research/General" category.
5. **Rangrass G**, Rossi I, DeCresce D, Brenner D, Lakshman N, Kallogjeri D, Vannucci A. Descriptive Study on Risk Factors for Intraoperative LMA Failure. Poster presentation at the BJC 2016 Patient Safety and Quality Symposium, 3<sup>rd</sup> place.
6. **Rangrass G**, Karanikolas M. Spontaneous bilateral otorrhagia during laparoscopic abdominal surgery in steep Trendelenburg position. Medically challenging case report accepted at the 2016 International Anesthesia Research Society Symposium.
7. **Rangrass G**, Yee B. Case report: retained esophageal dilator in otolaryngology surgery. 2<sup>nd</sup> place award in the "Patient Safety" category at the 2015 Midwest Anesthesia Residents Conference.
8. **Rangrass G**, Birkmeyer JD, Dimick JB. Racial disparities in access to high quality hospitals for surgical care. Presented as an abstract and oral plenary presentation, 6th Academic Surgical Congress, Huntington Beach, CA, 2011.
9. **Rangrass G**, Osborne NH, Ko CK, Dimick JB. How widely has ACS-NSQIP disseminated? A market share analysis in the national Medicare population. Presented as an abstract and oral plenary presentation, 6th Academic Surgical Congress, Huntington Beach, CA, 2011.
10. East JR, **Rangrass G**, Ko CY, Dimick JB. Ranking hospitals on surgical morbidity: Does the type of complication matter?

Presented as an abstract and oral plenary presentation, 6th Academic Surgical Congress, Huntington Beach, CA, 2011.

11. Harbaugh CM, Afana MM, Burdick SM, East JR, Kodali S, Lee JS, Patel SP, **Rangrass G**, Ranney DN, Sood V, Lynch RJ, Sonnenday CJ, Englesbe MJ, Mathur AK. Portrayal of Organ Donation and Transplantation in American Primetime Television. *Clin Transplant*. 2011 Jul-Aug;25(4):E375-80.
12. **Rangrass, G.** (2009). "Health and social vulnerabilities of child-headed households: A qualitative study from Maharashtra, India." *Yale Journal of Medicine and Law*, Vol 6, p. 26-27.
13. **Rangrass, G.** (2009). "The hidden societal impacts of drug use in Mumbai." *Yale Journal of Medicine and Law*, Vol 5, p. 22-23.
14. **Rangrass, G.** (2008). "A single-payer health care program deserves serious consideration." *Kalamazoo Gazette*. Viewpoint. June 25, 2008.
15. **Rangrass, G.** (2008). "Bhangra boom." *Dance Magazine*. Vol 83, No. 11, p. 68-69.
16. **Rangrass, G.** (2007). "Guantanamo Bay and the Corruption of the Medical Profession." *P.H. The Yale Journal of Public Health*. Vol 4, No. 2, p. 18-20.
17. **Rangrass, G.** (2006). "The environment causes obesity, not personal choice." *Kalamazoo Gazette*. Viewpoint. July 13, 2006.
18. World Health Organization. (2006). "A Global Response to Elder Abuse and Neglect: Building Primary Health Care Capacity to Deal with the Problem World-Wide." Project Team Member of the Ageing and Life Course Programme.
19. **Rangrass, G.** (2006). "Tibetan medicine: the struggle with modernity." *P.H. The Yale Journal of Public Health*. Vol 3, No. 2, p. 28-29.

## Foreign Languages/Hobbies

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**Hindi:** Proficient, spoken & written.

**Urdu:** Proficient, spoken. Elementary level, written.

**French:** Intermediate level, written. Elementary level, spoken.

**Punjabi:** Proficient, spoken. Elementary level, written.

**Hobbies:** Photography ([www.instagram.com/govindrangrass](http://www.instagram.com/govindrangrass)), bhangra dance