



## Ana Maria Crawford

Clinical Professor, Anesthesiology, Perioperative and Pain Medicine

### CLINICAL OFFICE (PRIMARY)

- **Anesthesia Department**

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### ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

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### Bio

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#### BIO

Dr. Ana Maria Crawford is a Clinical Professor of Anesthesiology and Critical Care Medicine. She also holds a master's degree in Global Health Sciences. Dr. Crawford founded the Division of Global Health Equity within the Department of Anesthesiology, Perioperative and Pain Medicine at Stanford in 2011, and she currently serves as the Director of Global Engagement Strategy. For over 20 years, she has worked to improve access to medical education and professional development for global colleagues. Dr. Crawford serves on multiple committees and boards at the local, national and international levels. With expertise in medical education and global perioperative care, she is also a consultant and advisor to several international organizations. She is the proud recipient of both the Kevin Malott and Nicholas M. Greene Humanitarian Service Awards for her work advancing perioperative and critical care globally.

#### CLINICAL FOCUS

- Anesthesia
- Critical Care Medicine
- Global Health

#### ACADEMIC APPOINTMENTS

- Clinical Professor, Anesthesiology, Perioperative and Pain Medicine

#### ADMINISTRATIVE APPOINTMENTS

- Director, Global Engagement Strategy, (2022- present)
- Director, Editor-in-Chief, Global Anesthesia and Critical Care Learning Resource Center, (2020- present)
- Director, Global Health Equity Fellowship, (2013- present)
- Founder, Division of Global Health Equity, (2011- present)

#### HONORS AND AWARDS

- Nicholas M. Greene Humanitarian Award, American Society of Anesthesiologists (2025)

- Alpha Omega Alpha, AOA (2022)
- Kevin Malott Humanitarian Service Award, Stanford Health Care (2021)
- Stanford Leadership Development Nomination, Stanford University (2014)
- Stanford Advanced Leadership Program Nomination, Stanford University (2013)
- Stanford Faculty Development Nomination, Stanford University (2013)
- Anesthesia Teaching Scholar Award, Stanford University (2009)

## **BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS**

- Board Member, American Society of Anesthesiologists Charitable Foundation (2023 - present)
- Medical Oxygen Advisory Board, Lancet Global Health (2022 - present)
- Roster of Consultants, World Health Organization (2022 - present)
- Education Committee Member, World Federation of Societies of Anaesthesiologists (2020 - present)
- Global Health Committee - Chair, California Society of Anesthesiologists (2020 - present)
- Board of Directors, Eden I&R (2019 - 2021)
- Honorary Associate Professor, University of Rwanda (2018 - present)
- ASA-GHO Rwanda Program Lead, American Society of Anesthesiologists (2017 - 2021)
- Canadian Anesthesiologists' Society - International Education Foundation, CASIEF (2017 - 2021)
- ASA-Global Humanitarian Outreach, American Society of Anesthesiologists (2015 - present)

## **PROFESSIONAL EDUCATION**

- MSc, UCSF , Global Health Sciences (2011)
- Board Certification: Anesthesia, American Board of Anesthesiology (2009)
- Board Certification: Critical Care Medicine, American Board of Anesthesiology (2009)
- Fellowship: Stanford University Pulmonary and Critical Care Fellowship (2009) CA
- Residency: University of Texas Southwestern Medical School Registrar (2008) TX
- Internship: Baptist Health System Inc (2005) AL
- Medical Education: University of Alabama School of Medicine (2004) AL

## **COMMUNITY AND INTERNATIONAL WORK**

- EdenI&R, Alameda County
- Operation Access
- MEPI - University of Zimbabwe, Harare, Zimbabwe
- University of Rwanda Anesthesia Training Program and Residency, Rwanda

## **Teaching**

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### **GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS**

- Anesthesia (Fellowship Program)
- Critical Care Medicine (Fellowship Program)

## Publications

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### PUBLICATIONS

- **The educational impact of a serious game for airway management skills of medical trainees.** *BMC medical education*  
Mohar, S., Crawford, A. M., Vasquez, U. S., Serna-Munoz, R., Martinez, R. R.  
2026
- **Roadmap to Creating a Global Health Equity Training Program Within US Anesthesiology Residency Programs.** *World journal of surgery*  
Asnake, B. M., Nourian, M. M., Crawford, A. M., Sileshi, B., Tabaie, S.  
2026
- **Ten Recommendations for US Programs Hosting Global Health Partners.** *Annals of global health*  
Crawford, A. M., Arteaga, M., Rubio, R., Nyirigira, G., Bendjemil, S., Hudspeth, J. C., Rabin, T. L.  
2025; 91 (1): 60
- **A health systems approach to critical care delivery in low-resource settings: a narrative review.** *Intensive care medicine*  
Spencer, S. A., Adipa, F. E., Baker, T., Crawford, A. M., Dark, P., Dula, D., Gordon, S. B., Hamilton, D. O., Huluka, D. K., Khalid, K., Lakoh, S., Limbani, F., Rylance, et al  
2023
- **Global critical care: a call to action.** *Critical care (London, England)*  
Crawford, A. M., Shiferaw, A. A., Ntambwe, P., Milan, A. O., Khalid, K., Rubio, R., Nizeyimana, F., Ariza, F., Mohammed, A. D., Baker, T., Banguti, P. R., Madzimbamuto, F.  
2023; 27 (1): 28
- **An audit of the carbon footprint of travel for the Canadian Anesthesiologists' Society International Education Foundation partnerships.** *Canadian journal of anaesthesia = Journal canadien d'anesthesie*  
Chibane, S., Ryan, T., Nizeyimana, F., Gill, O., Abate, A., Hamstra, J., Crawford, A., Barnbrook, J., Bould, M. D.  
2023
- **Surviving Sepsis Campaign 2021 Updates for Management of Sepsis and Septic Shock** *ASA Monitor*  
Crawford, A. M.  
2023; 87 (30)
- **Anesthesia Fellowship Programs in Global Health: An Update** *ASA Monitor*  
Park, S., Arteaga, M., Percy, S., Crawford, A.  
2023; 87: 24-25
- **ASA Global Health Overseas Training Programs: A Rwanda Update** *ASA Monitor*  
Asher, S. R., Crawford, A. M.  
2023; 87: 22
- **The Value of Global Engagement** *ASA Monitor*  
Crawford, A. M., Belani, K. G., Drum, E. T.  
2023; 87: 16-17
- **Remote Education: Opportunity in Necessity** *Update in Anaesthesia*  
Morley, R., Crawford, A. M., Abdel-Rahman El-Refai, N.  
2022; 36
- **Barriers to Effective Transfusion Practices in Low-Resourced Settings: From Infrastructure to Cultural Beliefs**  
Crawford, A., Mohammad, A., Ntambwe, P.  
LIPPINCOTT WILLIAMS & WILKINS.2021: 680-681
- **Global Includes Local** *ASA Monitor*  
Crawford, A., Jensen, A.  
2021; 85: 21-22

- **Assessment of intraoperative temperature management at the University Teaching Hospital of Kigali: A quality improvement project** *World Journal of Advanced Research and Reviews*  
Flannery, K., Uwimana, J., Nikuze, C., Uwineza, J., Crawford, A. M.  
2021; 09 (01): 97-103
- **Global Health Without Travel? Reframing Global Health for Anesthesiologists**  
Crawford, A. M., Singleton, M., Sanghvi, R.  
California Society of Anesthesiologists.  
2021 ; CSA Vital Times Annual Report
- **Correction to: Barriers to Effective Transfusion Practices in Limited-Resource Settings: From Infrastructure to Cultural Beliefs.** *World journal of surgery*  
Mohammed, A. D., Ntambwe, P., Crawford, A. M.  
2020
- **Barriers to Effective Transfusion Practices in Limited-Resource Settings: From Infrastructure to Cultural Beliefs.** *World journal of surgery*  
Mohammed, A. D., Ntambwe, P., Crawford, A. M.  
2020
- **California Programs Address Global Needs and Enrich the Career Development of Young Anesthesiologists: California Society of Anesthesiologists**  
Singleton, M., Crawford, A., Duperrault, M., et al  
California Society of Anesthesiologists.  
2019 ; CSA Vital Times Annual Report
- **Considerations in Developing Thoughtful Anesthesia Global Health Programs** *ASA Monitor*  
Duperrault, M., McGoldrick, R., Crawford, A.  
2018; 82 (4): 50
- **Bi-directional International Resident Scholar Exchange: Is it Valuable?** *ASA Monitor*  
Crawford, A. M., Mets, B.  
2018; 82 (10)
- **ASA Global Humanitarian Outreach Overseas Teaching Program: Rwandan versus American Perspective** *ASA Monitor*  
Crawford, A. M., Bangui, P., Uwambazimana, J. D.  
2017; 81: 46 – 50
- **Global Health Fellowships** *American Society of Anesthesiologists Newsletter*  
McGoldrick, R., Crawford, A. M., McQueen, K. q.  
2015; 79 (3)
- **Editorial comment: anesthetic management of a malnourished, 7-year-old child in Malawi undergoing a pneumonectomy. A & A case reports**  
Crawford, A. M.  
2014; 3 (6): 72-?
- **Modulatory effects of hypercapnia on in vitro and in vivo pulmonary endothelial-neutrophil adhesive responses during inflammation** *CYTOKINE*  
Liu, Y., Chacko, B. K., Ricksecker, A., Shingarev, R., Andrews, E., Patel, R. P., Lang, J. D.  
2008; 44 (1): 108–17
- **Fluid Management: Minimization versus Goal-Directed Therapy** *American Society of Anesthesiologists Newsletter*  
Crawford, A. ., Joshi, G. P.  
2008; 72 (4)
- **Perioperative Ventilation Strategies: New modes and monitoring features in anesthesia ventilators improve management of challenging patients, situations.** *Acuity Care Technology*  
Beckham, J., Crawford, A., Joshi, G.  
2006