



Daryl Oakes

Clinical Professor, Anesthesiology, Perioperative and Pain Medicine

 Curriculum Vitae available Online

CLINICAL OFFICE (PRIMARY)

- **Anesthesia**

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Bio

BIO

Dr Oakes is a Clinical Professor at Stanford School of Medicine with over 20 years of clinical experience in cardiothoracic anesthesiology. Dr. Oakes is Associate Dean of Post Graduate Medical Education and the Stanford Center of CME and Vice Chair of Clinical Educator Affairs in the Department of Anesthesiology.

The focus of her academic work has been the education and training of anesthesiologists at all levels of practice. In 2007 developed an education pathway for Stanford anesthesiology residents to learn perioperative echocardiography, one of the first programs of its kind nationally. She has since taught echocardiography to medical students, residents and fellows and lectures nationally on a range of topics related to transesophageal echocardiography, cardiothoracic anesthesiology, and medical education. In 2017, she was appointed Program Director of the Stanford Adult Cardiothoracic Anesthesiology Fellowship, and, under her 6 years of leadership, the program expanded from 4 fellows to 8 fellows and became widely recognized as one of the highest quality and most sought after programs nationally, consistently attracting a highly diverse group of fellowship candidates.

In 2018 Dr. Oakes was appointed Associate Dean of Postgraduate Medical Education and took over leadership of the Stanford Center of Continue Medical Education. Under her leadership the center has greatly expanded its programming and impact and Stanford CME is now universally regarded as the academic leader in continuing medical education. In addition to providing traditional meeting services and program accreditation, the office has taken the lead on several innovative educational programs including a statewide effort to that provided training to providers in over 1000 nursing homes on protecting their elderly residents from COVID, a virtual digital conference AI + Health reaching over 1000 participants, and several programs addressing health care disparities and justice, equity, diversity and inclusion efforts.

Dr. Oakes is a passionate mentor to both trainees and colleagues and has created multiple programs to support physician professional development including, the Stanford CME Physician Leadership Certificate Program, a 6-month cohort-based leadership training for aspiring and developing physician leaders. She also co-founded and chairs the SCA Women in Cardiothoracic Anesthesiology (WICTA) Special Interest Group and has been recognized

for her work supporting women medical professionals with the 2021 Women in Medicine (WIM) #SheForShe Award and the 2023 WICTA "SHE LEADS" Award. Dr. Oakes is a recognized leader in her field and elected member of the Association of University Anesthesiologists (AUA), a society of leaders in anesthesiology.

CLINICAL FOCUS

- Anesthesia
- Cardiac Anesthesia
- Perioperative Transesophageal Echocardiography

ACADEMIC APPOINTMENTS

- Clinical Professor, Anesthesiology, Perioperative and Pain Medicine
- Member, Cardiovascular Institute

ADMINISTRATIVE APPOINTMENTS

- Associate Dean, Post Graduate Medical Education and Continuing Medical Education, Stanford School of Medicine, (2018- present)
- Vice Chair, Clinician Educator Affairs, Department of Anesthesiology, Perioperative and Pain Medicine, (2022- present)
- Director, Perioperative Echocardiography Services and Education, Department of Anesthesiology, Critical Care, and Pain Medicine, Stanford School of Medicine, (2013-2023)
- Member, Wellbeing Committee, Stanford Hospital and Clinics, (2018- present)
- Program Director, Adult Cardiothoracic Anesthesia, Department of Anesthesiology, Critical Care and Pain Medicine, Stanford School of Medicine, (2017-2023)
- Vice-Chief of Education, Division Cardiothoracic Anesthesia, Department of Anesthesia, Critical Care, and Pain Medicine, Stanford School of Medicine, (2015- present)

PROFESSIONAL EDUCATION

- Board Certification: Adult Cardiac Anesthesiology, American Board of Anesthesiology (2023)
- Board Certification: Advanced Perioperative Transesophageal Echocardiography, National Board of Echocardiography (2018)
- Residency: Brigham and Women's Hospital Harvard Medical School (2005) MA
- Internship: Brigham and Women's Hospital Harvard Medical School (2002) MA
- Board Certification: Anesthesia, American Board of Anesthesiology (2006)
- Medical Education: Harvard Medical School (2001) MA

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Anesthesia (Fellowship Program)
- Cardiac Anesthesia (Fellowship Program)

Publications

PUBLICATIONS

- **A Call for Diversity: Underrepresented Minorities and Cardiothoracic Anesthesiology Professional Development.** *Journal of cardiothoracic and vascular anesthesia*
Sumler, M. L., Capdeville, M., Ngai, J., Biney, B., Oakes, D.
2024
- **Like Mother, Like Daughter: A Case of Peripartum Spontaneous Coronary Artery Dissection.** *Journal of cardiothoracic and vascular anesthesia*

- Yu, S., Dhawan, R., Kenny, E. S., Banayan, J. M., Bodmer, N. J., Sun, L. Y., Oakes, D.
2024
- **Women in Anesthesiology and the Mid-Career Stall: Why They Are Not Advancing Into Senior Leadership.** *Anesthesia and analgesia*
Mondal, S., Oakes, D., Humphrey, T., Kolarczyk, L., Trzcinka, A.
2024
 - **The Women in Cardiothoracic Anesthesiology Special Interest Group: What Can the Lessons of One Anesthesiology Affinity Group Tell Us About How to Build Impactful Professional Communities?** *Anesthesia and analgesia*
Methangkool, E., Faloye, A., Kolarczyk, L., Deshpande, S., Belani, K., Trzcinka, A., Lewis, C. R., Balimunkwe, R. M., Oakes, D.
2023; 137 (4): 763-771
 - **Idees recues concernant les femmes en position de leadership en medecine universitaire.** *Canadian journal of anaesthesia = Journal canadien d'anesthesie*
Hastie, M. J., Lee, A., Siddiqui, S., Oakes, D., Wong, C. A.
2023
 - **A Call for Diversity: Women, Professional Development, and Work Experience in Cardiothoracic Anesthesiology.** *Journal of cardiothoracic and vascular anesthesia*
Ngai, J., Capdeville, M., Sumler, M., Oakes, D.
2022
 - **Coming to Terms With a New Normal: Recovery, Resilience, and Opportunities in a Post-COVID-19 World.** *Journal of cardiothoracic and vascular anesthesia*
Oakes, D., Methangkool, E.
2022
 - **Perceptions of Gender Disparities Among Women in Cardiothoracic Anesthesiology.** *Journal of cardiothoracic and vascular anesthesia*
Methangkool, E., Brodt, J., Kolarczyk, L., Ivascu, N. S., Hicks, M. H., Herrera, E., Oakes, D.
1800
 - **Gender of Abstract Presenters at the Annual Meetings of the Society of Cardiovascular Anesthesiologists and American Society of Anesthesiologists: 2016 to 2020.** *Journal of cardiothoracic and vascular anesthesia*
Pan, S., Shillcutt, S., Oakes, D., Muehlschegel, J. D., Shore-Lesserson, L., Rong, L. Q.
1800
 - **A Call for Diversity: Underrepresented Minorities and Cardiothoracic Anesthesiology Fellowship Education.** *Journal of cardiothoracic and vascular anesthesia*
Sumler, M. L., Capdeville, M., Ngai, J., Cormican, D., Oakes, D.
2021
 - **A Call for Diversity: Women and Cardiothoracic Anesthesiology Fellowship Education.** *Journal of cardiothoracic and vascular anesthesia*
Ngai, J., Capdeville, M., Sumler, M., Oakes, D.
2021
 - **Are anesthesiology societies at risk of becoming obsolete? Perspectives on challenges and opportunities for moving forward.** *International anesthesiology clinics*
Methangkool, E., Mariano, E. R., Oakes, D.
2020
 - **A Review of Perioperative Analgesic Strategies in Cardiac Surgery** *INTERNATIONAL ANESTHESIOLOGY CLINICS*
Chanowski, E. J. P., Ismawan, J. M., Oakes, D. A.
2018; 56 (4): E56–E83
 - **Preface** *INTERNATIONAL ANESTHESIOLOGY CLINICS*
Oakes, D. A.
2018; 56 (4): 1–2
 - **A Review of Perioperative Analgesic Strategies in Cardiac Surgery.** *International anesthesiology clinics*
Chanowski, E. J., Ismawan, J. M., Oakes, D. A.
2018; 56 (4): e56–e83

- **Preface. *International anesthesiology clinics***
Oakes, D. A.
2018; 56 (4): 1-2
- **The Heart of the Matter: Increasing Quality and Charge Capture from Intraoperative Transesophageal Echocardiography. *A & A case reports***
Sanford, J. A., Kadry, B., Oakes, D., Macario, A., Schmiesing, C.
2016; 6 (8): 249-252
- **Factors Contributing to Adverse Perioperative Events in Adults with Congenital Heart Disease: A Structured Analysis of Cases from the Closed Claims Project *CONGENITAL HEART DISEASE***
Maxwell, B. G., Posner, K. L., Wong, J. K., Oakes, D. A., Kelly, N. E., Domino, K. B., Ramamoorthy, C.
2015; 10 (1): 21-29
- **Factor VIII Inhibitor Bypass Activity and Recombinant Activated Factor VII in Cardiac Surgery *JOURNAL OF CARDIOTHORACIC AND VASCULAR ANESTHESIA***
Rao, V. K., Lobato, R. L., Bartlett, B., Klanjac, M., Mora-Mangano, C. T., Soran, P. D., Oakes, D. A., Hill, C. C., van der Starre, P. J.
2014; 28 (5): 1221-1226
- **Perioperative management of combined carotid and coronary artery bypass grafting procedures. *Anesthesiology clinics***
Oakes, D. A., Eichenbaum, K. D.
2014; 32 (3): 699-721
- **Congenital anomalies of the aortic arch in acute type-a aortic dissection: implications for monitoring, perfusion strategy, and surgical repair. *Journal of cardiothoracic and vascular anesthesia***
Maxwell, B. G., Harrington, K. B., Beygui, R. E., Oakes, D. A.
2014; 28 (3): 467-472
- **Tricuspid regurgitation jet velocity suggestive of severe pulmonary hypertension. *Journal of cardiothoracic and vascular anesthesia***
Maxwell, B. G., Oakes, D. A., Lobato, R. L., Hill, C. C.
2014; 28 (2): 433-434
- **Comparative Study of Factor Eight Inhibitor Bypass Activity and Recombinant Activated Factor VII in Refractory Post-Cardiopulmonary Bypass Bleeding *Scientific Sessions of the American-Heart-Association/Resuscitation Science Symposium***
Rao, V. K., Bartlett, B., Soran, D., Oakes, D., Hill, C., Lobato, R., Klanjac, M., Mora-Mangano, C., van der Starre, P.
LIPPINCOTT WILLIAMS & WILKINS.2011
- **Safety of Transesophageal Echocardiography *JOURNAL OF THE AMERICAN SOCIETY OF ECHOCARDIOGRAPHY***
Hilberath, J. N., Oakes, D. A., Shernan, S. K., Bulwer, B. E., D'Ambra, M. N., Eltzschig, H. K.
2010; 23 (11): 1115-1127
- **Cardiopulmonary Bypass in 2009: Achieving and Circulating Best Practices *ANESTHESIA AND ANALGESIA***
Oakes, D. A., Mangano, C. T.
2009; 108 (5): 1368-1370
- **Intraoperative monitoring of elephant trunk kinking with transesophageal echocardiography *JOURNAL OF CARDIOTHORACIC AND VASCULAR ANESTHESIA***
Oakes, D. A., Sze, D. Y., Frisoli, J. K., Mitchell, R. S., Harris, E. J., Thu, C., van der Starre, P. J.
2007; 21 (4): 584-586