OMB No. 3145-0279 (Expiration Date 10/31/2026)

NIH Biographical Sketch Common Form

Name: D'souza, Genevieve

Persistent Identifier (PID) of the Senior/Key Person: https://orcid.org/0000-0003-4801-6215

Position Title: Clinical Professor

Organization and Location:Department of Anesthesiology, Perioperative and Pain Medicine, Stanford, California, United States

PROFESSIONAL PREPARATION

INSTITUTION AND LOCATION	DEGREE	Start Date	Completion Date	FIELD OF STUDY
Stanford University, Department of Anesthesiology, Stanford, California, United States	Fellow	09/2008	02/2009	Pediatric Pain Management
A I Dupont Hospital of Children, Wilmington, Delaware, United States	Fellow	07/2007	07/2008	Pediatric Anesthesia
Thomas Jefferson University , Philadelphia, Pennsylvania, United States	Resident	07/2004	06/2007	Anesthesiology
Morehouse School of Medicine, Atlanta, Georgia, United States	Resident	07/2003	06/2004	Preliminary Surgery
Terna Medical School , Mumbai, Not Applicable, N/A, India	Foreign - Bachelor of Medicine And Surgery (MBBS)	07/1993	02/1999	Medicine

Appointments and Positions

2025 - present	Clinical Professor, Department of Anesthesiology, Perioperative and Pain Medicine, Stanford, California, United States
2025 - present	Clinical Director , Pediatric Pain Management, Department of Anesthesiology, Perioperative and Pain Medicine, Stanford University, Stanford, California, United States
2023 - present	Board of Director, Society for Pediatric Pain Medicine, Richmond, Virginia, United States
2014 - present	Medical Director, Pediatric Anesthesia Resource Center, Department of Anesthesiology, Perioperative and Pain Medicine, Stanford, California, United States
2019 - 2025	Clinical Associate Professor , Department of Anesthesiology, Perioperative and Pain Medicine, Stanford , California, United States
2010 - 2019	Clinical Assistant Professor, Department of Anesthesiology, Perioperative and Pain Medicine, Stanford, California, United States
2008 - 2010	Clinical Instructor, Department of Anesthesiology, Perioperative and Pain Medicine, Stanford, California, United States

Products

Products Closely Related to the Proposed Project

1. Ocay DD, Halpin M, Ford E, Keighley K, Keighley N, Ramsay N, Ramsay T, Sheridan CM, Sheridan SM, Tice KR, De Ranieri D, Tham SW, Brownstein CA, Clinch J, Davis DM, Donado C, D'Souza G, Kattail D, Lobo K, Ravetti D, Sandroni P, Stinson JN, Walco GA, Walker SM, Yu TW, Berde CB. Patient-Oriented Priorities for Pediatric Erythromelalgia: A Priority-Setting Process. Children (Basel). 2025 Nov 2;12(11) PubMed Central PMCID: PMC12650981.
2. Ocay DD, Graziano Maloney M, D'Souza G, Brownstein CA, Clinch J, Davis DM, De Ranieri D, Donado C, Halpin M, Kattail D, Lee BH, Lobo K, Ravetti D, Sandroni P, Stinson JN, Tham SW, Walco GA, Walker SM, Yu TW, Berde CB. Pediatric erythromelalgia from multidisciplinary perspectives: a scoping review. Pediatr Res. 2025 Sep;98(3):786-799. PubMed Central PMCID: PMC12507648.

3. D'souza G, Walia A, Agarwal R. Error traps in the perioperative care of children with chronic pain. Paediatr Anaesth. 2023 Jul;33(7):520-525. PubMed PMID: 36785933.
4. Wren AA, Ross AC, D'Souza G, Almgren C, Feinstein A, Marshall A, Golianu B. Multidisciplinary Pain Management for Pediatric Patients with Acute and Chronic Pain: A Foundational Treatment Approach When Prescribing Opioids. Children (Basel). 2019 Feb 21;6(2) PubMed Central PMCID: PMC6406753.
5. Flannery KM, D'Souza G, Agarwal R. Perioperative Management of the Pediatric Patient on Medicinal Marijuana: What Anesthesiologists Should Know. Anesth Analg. 2019 Nov;129(5):1339-1343. PubMed PMID: 30985382.

Other Significant Products, Whether or Not Related to the Proposed Project

1. Aggarwal AK, Ottestad E, Pfaff KE, Huai-Yu Li A, Xu L, Derby R, Hecht D, Hah J, Pritzlaff S, Prabhakar N, Krane E, D'Souza G, Hoydonckx Y. Review of Ultrasound-Guided Procedures in the Management of Chronic Pain. Anesthesiol Clin. 2023 Jun;41(2):395-470. PubMed PMID: 37245950.
2. Jette CG, Wang T, Wang E, Man JY, Mireles S, Maass B, Mathew R, Pinsky BA, Claure RE, D'Souza G. Novel utilization of strand-specific reverse transcription polymerase chain reaction in perioperative clinical decision making for SARS-CoV-2 polymerase chain reaction positive patients. Paediatr Anaesth. 2022 Jun;32(6):692-696. PubMed Central PMCID: PMC9115434.
3. Martin LD, Hoagland MA, Rhodes ET, Wolfsdorf JI, Hamrick JL. Perioperative Management of Pediatric Patients With Type 1 Diabetes Mellitus, Updated Recommendations for Anesthesiologists. Anesth Analg. 2020 Apr;130(4):821-827. PubMed PMID: 31688079.
4. Mercuri E, Darras BT, Chiriboga CA, Day JW, Campbell C, Connolly AM, Iannaccone ST, Kirschner J, Kuntz NL, Saito K, Shieh PB, Tulinius M, Mazzone ES, Montes J, Bishop KM, Yang Q, Foster R, Gheuens S, Bennett CF, Farwell W, Schneider E, De Vivo DC, Finkel RS. Nusinersen versus Sham Control in Later-Onset Spinal Muscular Atrophy. N Engl J Med. 2018 Feb 15;378(7):625-635. PubMed PMID: 29443664.
5. Finkel RS, Mercuri E, Darras BT, Connolly AM, Kuntz NL, Kirschner J, Chiriboga CA, Saito K, Servais L, Tizzano E, Topaloglu H, Tulinius M, Montes J, Glanzman AM, Bishop K, Zhong ZJ, Gheuens S, Bennett CF, Schneider E, Farwell W, De Vivo DC. Nusinersen versus Sham Control in Infantile-Onset Spinal Muscular Atrophy. N Engl J Med. 2017 Nov 2;377(18):1723-1732. PubMed PMID: 29091570.

Certification:

I certify that the information provided is current, accurate, and complete. This includes but is not limited to information related to domestic and foreign appointments and positions.

I also certify that, at the time of submission, I am not a party to a malign foreign talent recruitment program.

Misrepresentations and/or omissions may be subject to prosecution and liability pursuant to, but not limited to, 18 U.S.C. §§ 287, 1001, 1031 and 31 U.S.C. §§ 3729-3733 and 3802.

Certified by D'souza, Genevieve in SciENcv on 2026-01-22 15:51:47

NIH BIOGRAPHICAL SKETCH SUPPLEMENT

Name: D'souza, Genevieve

Persistent Identifier (PID) of the Senior/Key Person: https://orcid.org/0000-0003-4801-6215

Position Title: Clinical Professor

Organization and Location: Department of Anesthesiology, Perioperative and Pain Medicine, Stanford, California, United States

Personal Statement

Dr. D'souza is a Clinical Professor in the Department of Anesthesiology, Critical care and Pain medicine. She is dual fellowship trained in both pediatric anesthesiology and pediatric pain management. She holds various clinical responsibilities which include Clinical Director of the Pediatric Pain Management Team, Director of the Pediatric Anesthesia Resource Center and is a Pediatric Anesthesiologist at LPCH/Stanford. Her research interests include pediatric pain management and regional anesthesia. She has given multiple grand rounds both at national and international universities and conferences on perioperative pain management techniques and web conferences on strategies on pain management for pediatric patients. Dr. D'souza has also published various book chapters on pain management and pediatric anesthesia.

Honors

2020	Fellow, American Society of Anesthesiologists
2013	Diplomate, American Board of Pain Medicine
2013	Board Certification, American Board of Anesthesiology of Pediatric Anesthesia
2008	Board Certification, American Board of Anesthesiology
2021 - 2022	Certificate for Leadership for Healthcare Management, University of California Paul Merage School of Medicine, Irvine, California
2020 - 2020	Exemplary service award for patient safety, Lucile Packard Children's Hospital Patient Safety Committee
2015 - 2016	Honors Certificate Program, Clinical Teaching Seminar Series Honor Program , Stanford University
2007 - 2007	Joseph L Seltzer Alumni Award in recognition of outstanding academic achievement, Thomas Jefferson University, Department of Anesthesiology
2004 - 2004	Outstanding Performance as a Surgical Resident, Morehouse School of Medicine Surgery

Contribution to Science

1. Ocay DD, Graziano Maloney M, D'Souza G, Brownstein CA, Clinch J, Davis DM, De Ranieri D, Donado C, Halpin M, Kattail D, Lee BH, Lobo K, Ravetti D, Sandroni P, Stinson JN, Tham SW, Walco GA, Walker SM, Yu TW, Berde CB. Pediatric erythromelalgia from multidisciplinary perspectives: a scoping review. Pediatr Res. 2025 Sep; 98(3):786-799. doi: 10.1038/s41390-025-03817-4. Epub 2025 Jan 16. PubMed PMID: 39821136; PubMed Central PMCID: PMC12507648. D'souza G, Walia A, Agarwal R. Error traps in the perioperative care of children with chronic pain. Paediatr Anaesth. 2023 Feb 13. PMID: 36785933, https://doi.org/10.1111/pan.14646 Jette CG, Wang T, Wang E, Man JY, Mireles S, Maass B, Mathew R, Pinsky BA, Claure RE, D'Souza G. Novel utilization of strand-specific reverse transcription polymerase chain reaction in perioperative clinical decision making for SARS-CoV-2 polymerase chain reaction positive patients. Paediatr Anaesth. 2022 Jun;32(6):692-696. PMID: 35338765, PMCID: PMC9115434, https://doi.org/10.1111/pan.14448 Wren AA, Ross AC, D'Souza G, Almgren C, Feinstein A, Marshall A, Golianu B. Multidisciplinary Pain Management for Pediatric Patients with Acute and Chronic Pain: A Foundational Treatment Approach When Prescribing Opioids. Children (Basel). 2019 Feb 21; 6(2). doi: 10.3390/children6020033. Review. PubMed PMID: 30795645; PubMed Central PMCID: PMC6406753. Flannery KM, D'Souza G, Agarwal R. Perioperative Management of the Pediatric Patient on Medicinal Marijuana: What Anesthesiologists Should Know. Anesth Analg. 2019 Nov;129(5):1339-1343. PMID: 30985382, https://doi.org/10.1213/ANE.0000000000003956

Certification:

I certify that the information provided is current, accurate, and complete. This includes but is not limited to information related to domestic and foreign appointments and positions.

I also certify that, at the time of submission, I am not a party to a malign foreign talent recruitment program.

Misrepresentations and/or omissions may be subject to prosecution and liability pursuant to, but not limited to, 18 U.S.C. §§ 287, 1001, 1031 and 31 U.S.C. §§ 3729-3733 and 3802.

Certified by D'souza, Genevieve in SciENcv on 2026-01-2215:51:47