

## A. Identifying and Contact Information

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## B. Academic History

### High School, Colleges and Universities Attended

2002	High School, Phillips Academy Andover, Andover, MA
2007	B.S. <i>cum laude</i> (Animal Science), Cornell University, Ithaca, NY
2014	M.D. with Distinction in Research, University of Texas Health Science Center at San Antonio, San Antonio, TX

### Residency and Fellowship Training

2014 – 2018	Emergency Medicine Residency, University of California at San Diego, San Diego, CA
2017 – 2018	Chief Resident Emergency Medicine Residency, University of California at San Diego, San Diego, CA
2018 – 2019	Emergency Medical Services Fellowship, Stanford University, Stanford, CA
2018 – 2019	Supplemental classes in epidemiology and clinical research, Stanford University, Stanford, CA

### Board Certification

November 2019	Emergency Medicine Emergency Medical Services
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## C. Employment

### Academic Appointments

November 1, 2019 to present	Assistant Professor of Emergency Medicine Indiana University, Indianapolis, IN
August 1, 2018 to July 31, 2019	Clinical Instructor of Emergency Medicine Stanford University School of Medicine, Stanford, CA

### Other Employment

August 1, 2018 to August 30, 2019	Emergency Medicine Attending, Santa Clara Valley, San Jose, CA
July 2013 to June 2018	Mercy Air physician responding to emergency calls in helicopters
November 2008 – March 2010	Research Assistant, Vascular Biology Lab, Medical College of Georgia, Augusta, GA
Summers, 2003 – 2006	Polo groom
February – December 2003	Professional Flight Instructor

#### D. Teaching

##### Clinical Teaching Responsibilities

2019 – present	Supervising Indiana University Emergency Medicine residents
2018 – 2019	Supervising Stanford Emergency Medicine residents at Santa Clara Valley, San Jose, California

##### Other Academic Teaching Experience

2018 – 2019	Lectures for Stanford Emergency Medical Services course
2018 – 2019	Executive protection force learning emergency medical responder skills
2018 – 2019	Teaching paramedics in Santa Clara and San Mateo counties
2018 – 2019	Teaching Life Flight first responders at Stanford

##### Curriculum and Protocol Development

April 2020	Developed alternate destination protocol for EMS transport of patients to Urgent Care
April 2020	Physician representative for development of a simple electronic medical record system for use in disasters
2018 – 2019	Developed Stanford Emergency Medicine residents' disaster medicine elective
2018 – 2019	Assisted with development of executive protection medical responder course
2016 – 2017	Developed curriculum and organized board review for Emergency Medicine residents, University of California at San Diego

##### Trainees / Mentorship

2016	Morgan Klingfus, medical school applicant
	Michelle Choi, University of Virginia medical student
	Supervised summer research at the University of California San Diego

## **E. Public and Professional Service**

### Community Service Related to Professional Work

2018 – 2019	Semper, Stanford University disaster relief team
2014 – 2019	Rock Medicine – providing medical care for events in California
Summer 2011	US Navy Ship <i>Comfort</i> – teaching first responders in Central and South America
2010 – 2011	Project Hispaniola – fundraising, travel to Haitian-Dominican border over 2011 Spring Break to provide medical care
2010 – 2011	Student-run free clinics – provided medical care to underserved at the Alpha Home, Travis Dermatology Park, and Haven for Hope

### Professional Societies

2016 – present	Member, National Association of EMS Physicians
2014 – present	Member, American College of Emergency Physicians
2014 – present	Member, Society of Academic Emergency Medicine

### Ad Hoc Reviewer

2016 to present	<i>Western Journal of Emergency Medicine</i>
2019 to present	<i>American Journal of Emergency Medicine</i>

## **F. Honors and Awards**

2018	Residency Research Award, Emergency Medicine, University of California at San Diego
2017	Critical Care Medicine Conference Scholarship, Emergency Medicine Residents' Association
2013	Bowen-Vogt Fund Merit Scholarship, University of Texas Health Science Center at San Antonio
2012	Carolyn L Kuckein Student Research Fellowship awarded by the Alpha Omega Alpha Honor Medical Society
2012	Roman Hlatky, MD Excellence in Neuroscientific Research Award, University of Texas Health Science Center at San Antonio
2011	Dr. Daniel and Helena Saenz Merit Scholarship, University of Texas Health Science Center at San Antonio
2010, 2011, 2012	George W. Brackenridge Foundation Merit Scholarships, University of Texas Health Science Center at San Antonio

## **G. Bibliography**

## Peer-reviewed Articles

1. Globber, N et al, *Opioid Prescribing Patterns in the Emergency Department*. Pending submission to Annals of Emergency Medicine.
2. Globber, N et al, *Validation of the NUE Rule to predict futile resuscitation of out-of-hospital cardiac arrest*. Pending submission to Resuscitation.
3. Holland, D, Globber, N et al, *Prehospital Sedation with Ketamine vs Midazolam: Repeat Sedation, Intubation and Hospital Outcomes*. Accepted to American Journal of Emergency Medicine pending revisions, April 2020.
4. Globber, N et al, *Variations in the California EMS Response to Opioid Use Disorder*. Manuscript. The Western Journal of Emergency Medicine, April 2020.  
<https://doi.org/10.5811/westjem.2019.12.45189>
5. Globber, N et al, Letter to the Editor. *Reply to: The futility of resuscitating an out-of-hospital cardiac arrest cannot be summarized by three simple criteria*. Resuscitation, 144, <https://doi.org/10.1016/j.resuscitation.2019.09.011>
6. Globber, N et al. *A simple decision rule predicts futile resuscitation of cardiac arrest*. Resuscitation, 142, <https://doi.org/10.1016/j.resuscitation.2019.06.011>
7. Globber, N et al, *D-dimer assay-guided moderation of adjusted risk. Improving specificity of the D-dimer for pulmonary embolism*. American Journal of Emergency Medicine 2018. PMID: 30104092. DOI:[10.1016/j.ajem.2018.08.018](https://doi.org/10.1016/j.ajem.2018.08.018)
8. Globber, N et al., *Use of the D-dimer for Detecting Pulmonary Embolism in the Emergency Department*. Journal of Emergency Medicine 2018; 54: 585-592. PMID: 29502865. DOI: [10.1016/j.jemermed.2018.01.032](https://doi.org/10.1016/j.jemermed.2018.01.032)
9. Globber, N et al., *Acetazolamide treatment prevents redistribution of astrocyte aquaporin-4 after murine traumatic brain injury*. Neuroscience Journal 2019; DOI: [10.1155/2019/2831501](https://doi.org/10.1155/2019/2831501).
10. Globber, NK et al., *Acute Stroke: Current Evidence-based Recommendations for Prehospital Care*. The Western Journal of Emergency Medicine 2016; 17: 104-28. PMID: 26973735. DOI: [10.5811/westjem.2015.12.28995](https://doi.org/10.5811/westjem.2015.12.28995)
11. Globber, N et al., *Rapid Electrocardiogram Evolution in a Dialysis Patient*. The Journal of Emergency Medicine 2016; 50: 497-500. PMID: 26826768. DOI: [10.1016/j.jemermed.2015.11.005](https://doi.org/10.1016/j.jemermed.2015.11.005)
12. Pajaniappan, M., Globber, NK, et al., *Endothelial cells downregulate apolipoprotein D expression in mural cells through paracrine secretion and Notch signaling*. Am J Physiol Heart Circ Physiol, 2011. 301(3): p. H784-93. PMID: 21705670. DOI: [10.1152/ajpheart.00116.2011](https://doi.org/10.1152/ajpheart.00116.2011)

## Abstracts

1. Globber, N et al., *Population-Based Estimates of Ambulance Utilization and Treatment Patterns for Opioid-Related Overdose in a National Sample*. Abstract published in Prehospital Emergency Care, 2019. (Poster presented at NAEMSP)
2. Globber, N et al, *Adjusting D-dimer for Platelets to Improve Specificity for Pulmonary Emboli*. Journal of Emergency Medicine, 2018. (Oral presentation at AAEM)
3. Globber, N et al, *D-dimer assay-guided moderation of adjusted risk. Improving specificity of the D-dimer for pulmonary embolism*. 2018. (ACEP Oral presentation)
4. Derksen B, Globber NK, Darocki M, Klingfus M, Choi M, Brennan J, Chan T, and Tolia T. *Is the Highly Sensitive HemosIL D-dimer a Valuable Screening Tool to Rule Out Aortic Dissection?* Academic Emergency Medicine, 2018.
5. Globber, N et al., *Improving the Specificity of the D-dimer in the Emergency Department*. Critical Care Medicine 2016; 12: 339. (Oral presentation at Critical Care Congress)

## Abstracts Not Published in Other Forms

1. Koh C, Lasoff DL, Corbett BC, Glober N, Nguyen C, Kreshak AA. *An Academic Hospital's Reassuring Experience with Flumazenil*. Presented at the Annual Congress of the European Association of Poisons Centres and Clinical Toxicologists in Basel, Switzerland, May 16-19, 2017.

## Invited Presentations

1. "Building Resilience." Indiana University School of Medicine, Emergency Medicine, grand rounds, 2020.
2. "The Electrocardiogram – more than just squiggly lines." Stanford School of Medicine invited lecture, 2019.
3. "Neurological and Hematological Emergencies." Stanford School of Medicine invited lecture, 2018.
4. "Extremity Fractures and Splinting." Stanford School of Medicine invited lecture for sub-intern rotators, 2018.
5. "ECG Review" Stanford School of Medicine invited lecture for sub-intern rotators, 2018.
6. "Nasogastric tubes and knot tying." Stanford School of Medicine invited lecture, 2018.
7. "Are you as good as a paramedic: lessons from the pre-hospital setting." Emergency Medicine Grand Rounds, University of California at San Diego, 2018.
8. Invited guest discussant at Internal Medicine morbidity and mortality conference, University of California at San Diego, 2018.
9. "Case presentation of a patient with a clot in transit." Emergency Medicine invited presentation, University of California at San Diego, 2018.
10. "Cerebrovascular Accidents." Emergency Medicine invited presentation, University of California at San Diego, 2018.
11. "TXA, Not Just for Trauma" Emergency Medicine Grand Rounds, Tri-City Medical Center, Oceanside, California, 2018.
12. "Low dose Ketamine for the Acute Treatment of Migraines in the ED." Emergency Medicine invited presentation, University of California at San Diego, 2018.
13. Glober, N *et al.*, *The DAGMAR Score: D-dimer Assay-Guided Moderation of Adjusted Risk. Improving the Specificity of the D-dimer for Pulmonary Embolism in the Emergency Department*. Presented at ACEP, October 2017.
14. Glober NK, Tainter CR, Brennan J, Darocki M, Klingus M, Derksen B, Choi M, Rudolf F, Wardi G, Castillo E, and Chan T. "D-dimer and Clinical Assessment for Deep Vein Thromboses," presentation at the 20<sup>th</sup> Annual SAEM Western Regional Meeting in Palo Alto, California, April 2017.
15. "Pulmonary Insults." Emergency Medicine invited presentation, University of California at San Diego, 2017.
16. "Use of RIBOA in Emergency Medicine and Trauma." Emergency Medicine and Trauma Surgery joint conference invited presentation, University of California at San Diego, 2017.
17. "Case presentation of a patient with aseptic meningitis." Emergency Medicine invited presentation, University of California at San Diego, 2016.
18. "Presentation of a pediatric patient with Catecholaminergic Polymorphic Ventricular Tachycardia." Emergency Medicine invited presentation, University of California at San Diego, 2016.
19. "Review of the literature of infected kidney stones." Emergency Medicine invited presentation, University of California at San Diego, 2015.

20. "Approach to Rashes." Emergency Medicine invited presentation, University of California at San Diego, 2015.
21. "Review of Camphor Toxicity." Emergency Medicine division of toxicology invited presentation, University of California at San Diego, 2015.
22. "Case presentation of a patient with a posterior stroke." Emergency Medicine invited presentation, University of California at San Diego, 2015.
23. Guber, N *et al.*, *Aquaporin 4 in Edema After Traumatic Brain Injury: Expression, Regulation and Treatment*. Neurosurgery Department Conference, University of Texas Health Science Center at San Antonio, November 2011.
24. Guber, N *et al.*, *Aquaporin 4 in Edema After Traumatic Brain Injury: Expression, Regulation and Treatment*. Student Research Day, University of Texas Health Science Center at San Antonio, October 2011.

#### Media

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| 2018 | Coppa, Susan, "Stanford Medicine staff help humans, animals in wake of Camp Fire." Stanford Medicine News Center. |
| 2018 | Brubaker, Michelle, "Heart Stopping Ride." UC San Diego Health.   |