Faculty Biography for Departmental Website

Name	Click here to enter text.
Credentials	Click here to enter text.
Academic Titles	Click here to enter text.
Professional Titles	Click here to enter text.
Biography	Click here to enter text.
Education & Training	Click here to enter text.
Honors	Click here to enter text.
Clinical Interests	Click here to enter text.
Research Interests	Click here to enter text.
Publications	Click here to enter text.
PubMed Bibliography link	Click here to enter text.
Contact Info	Click here to enter text.



Dr. Johnson's biographical page is <u>here</u>.

Name	Nicholas Johnson
Credentials	MD
Academic Titles	Assistant Professor Adjunct Assistant Professor, Division of Pulmonary, Critical Care, & Sleep Medicine
Professional Titles	Associate Program Director, Critical Care Medicine Fellowship
Biography	Dr. Johnson is an emergency physician and intensivist. He cares for patients in the Emergency Department and Medical Intensive Care Unit, and on the Neurocritical Care Service at Harborview Medical Center. He strives to improve the care of critically ill patients in the prehospital and emergency department settings, and ensure safe transitions to the intensive care unit. Dr. Johnson studies cardiac arrest, with a focus on oxygenation, ventilation, lung injury, and extracorporeal support. He is interested in determining how mechanical ventilation strategies might impact outcome after cardiac arrest, and how extracorporeal technologies might be used to support patients with failing hearts and lungs. He also participates in trials examining the prevention and early treatment of ARDS and sepsis. He receives funding from the National Institutes of Health and Medic One Foundation. Additionally, he serves as the Associate Program Director for the Critical Care Medicine Fellowship.
Education & Training	MD, University of California, San Francisco (2010) Internship and Residency, Emergency Medicine, University of Pennsylvania (2014) Fellowship, Critical Care Medicine, University of Washington (2016)
Honors	Phi Beta Kappa (2005)

	Alpha Omega Alpha (2009) Penn Pearls Medical Student Teaching Award (2013) Emergency Medicine Residents' Association Academic Excellence Award (2014) Top 50 Peer Reviewer, Annals of Emergency Medicine (2016,2017) Outstanding Educator of the Year, UW Emergency Medicine (2017)
Clinical Interests	Click here to enter text.
Research Interests	Cardiac Arrest Mechanical Ventilation Acute Respiratory Distress Syndrome Extracorporeal Life Support Sepsis
	Google Scholar Page: https://scholar.google.com/citations?user=IAIabB0AAAAJ&hl=en Representative Publications: Johnson NJ, Acker M, Hsu C, Desai N, Vallabhajosyula P, Lazar, Horak J, Wald J, McCarthy F, Rame E, Kathryn Gray K, Perman S, Becker LB, Cowie D, Grossestreuer A, Smith T, Gaieski DF. Extracorporeal life support as rescue strategy for out-of-hospital and Emergency Department cardiac arrest. Resuscitation. 2014 Nov; 85(11): 1527-32. PMID: 25201611. [Original Work]
Publications	Johnson NJ, Rosselot B, Perman SM, Dodampahla K, Goyal M, Gaieski DF, Grossestreuer AV. The association between hemoglobin concentration and neurologic outcome after cardiac arrest. Journal of Critical Care. J Crit Care. 2016 Jul 17;36:218-222. PMID: 27546775. [Original Work] Tonna JE, Johnson NJ, Greenwood JC, Gaieski DF, Shinar Z, Bellezo J, Becker L, Shah A, Youngquist ST, Mallin MP, JF Fair, K Gunnerson, Weng C, McKellar SH, for the Extracorporeal Resuscitation Consortium Research Group. Practice Characteristics of Emergency Department Extracorporeal Cardiopulmonary Resuscitation (eCPR) Programs in the United States: The Current State of the Art of Emergency Department Extracorporeal Membrane Oxygenation (ED

	ECMO). Resuscitation. 2016 Aug 11;107:38-46. PMID: 27523953. [Original Work]
	Tolins M, Henning D, Gaieski DF, Grossestreuer AV, Johnson NJ. Initial arterial carbon dioxide tension predicts neurological outcome after resuscitation from cardiac arrest. Resuscitation. 2017 May;114:53-58. PMID 28268187. [Original Work]
	Wang HE, Prince D, Rittenberger JC, Trzeciak S, Elmer J, Johnson NJ, Grunau B, Carlbom D, Drennan I, Kudenchuk P, Weisfeldt ML, Kurz MC, Hansen M, Idris A, Aufderheide TP, Griffiths D, Jasti J, May S, Christenson J, for The ROC Investigators. Post-Resuscitation Hyperoxia and Hypoxia are Associated with Increased Cardiac Arrest Mortality. Resuscitation. E-pub 2017 Sep 21. PMID: 28870720. [Original Work]
PubMed Bibliography link	https://bit.ly/2Qkkq6a
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