Stanford



Andrea Jonas

Clinical Assistant Professor, Medicine - Pulmonary, Allergy & Critical Care Medicine

CLINICAL OFFICE (PRIMARY)

- **Critical Care Medicine**

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Bio

BIO

Dr. Andrea Jonas is a Clinical Assistant Professor in the Division of Pulmonary, Allergy, and Critical Care Medicine at Stanford University. She completed her undergraduate studies in chemistry and physics at Harvard University. She received her MD from Johns Hopkins University, where she stayed on to complete residency training in internal medicine on the Osler Medical Service. She pursued fellowship training in pulmonary and critical care medicine at Stanford University, where she additionally completed a research fellowship in health care innovation and systems design as part of the Clinical Excellence Research Center. Her research interests include integrating technological innovations into healthcare system practices to improve delivery of pulmonary and ICU services.

CLINICAL FOCUS

- Critical Care Medicine

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Medicine - Pulmonary, Allergy & Critical Care Medicine

ADMINISTRATIVE APPOINTMENTS

- Associate Program Director, Stanford Internal Medicine Residency, (2021- present)
- Associate Program Director, Stanford Pulmonary and Critical Care Fellowship, (2020- present)

PROFESSIONAL EDUCATION

- Board Certification: Critical Care Medicine, American Board of Internal Medicine (2020)
- Fellowship, Stanford University , Pulmonary & Critical Care Medicine (2020)
- Board Certification: Pulmonary Disease, American Board of Internal Medicine (2019)
- Residency, Johns Hopkins University , Internal Medicine (2017)
- Board Certification: Internal Medicine, American Board of Internal Medicine (2017)
- Undergraduate, Harvard University , Chemistry & Physics (2008)

- Medical Education: Johns Hopkins University School of Medicine (2014) MD

Publications

PUBLICATIONS

- **Impact of vaping on respiratory health.** *BMJ (Clinical research ed.)*
  Jonas, A.
  2022; 378: e065997

- **Machine learning to distinguish lymphangioleiomyomatosis from other diffuse cystic lung diseases.** *Respiratory investigation*
  Jonas, A., Muelly, M., Gupta, N., Reicher, J. J.
  2022

- **Use of home pulse oximetry with daily short message service messages for monitoring outpatients with COVID-19: The patient's experience** *DIGITAL HEALTH*
  Vaughan, L., Eggert, L. E., Jonas, A., Sung, A., Singer, S.
  2021; 7: 20552076211067651

- **Lipid-Laden alveolar macrophages and vaping: Lessons from EVALI.** *EBioMedicine*
  Jonas, A. n.
  2020; 60: 103010

- **Vaping-related Acute Parenchymal Lung Injury: A Systematic Review.** *Chest*
  Jonas, A. M., Raj, R. n.
  2020

- **Evidence-Based Practice When the Evidence Changes Daily: Lessons from Stanford in Building a Critical Care Task Force During COVID-19.** *Health Management, Policy and Innovation*
  Jonas, A., Aslakson, R., Ramsey, M., Staudenmeyer, K., Sung, A., Wilson, J., Rogers, A.
  2020

- **Corticosteroids for COVID-19-Associated ARDS** *Clinical Pulmonary Medicine*
  Marmor, M. B., Jonas, A. M.
  2020; 27 (6): 165-167

- **Covid-19 and Health Care's Digital Revolution.** *The New England journal of medicine*
  Keesara, S. n., Jonas, A. n., Schulman, K. n.
  2020

- **Opportunities to Improve Utilization of Palliative Care among Adults with Cystic Fibrosis: A Systematic Review.** *Journal of pain and symptom management*
  Marmor, M. n., Jonas, A. n., Mirza, A. n., Rad, E. n., Wong, H. n., Aslakson, R. A.
  2019

- **A crowdsourcing model for creating preclinical medical education study tools.** *Academic medicine : journal of the Association of American Medical Colleges*
  Bow, H. C., Dattilo, J. R., Jonas, A. M., Lehmann, C. U.
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- **The T1D Exchange clinic registry.** *The Journal of clinical endocrinology and metabolism*
  Beck, R. W., Tamborlane, W. V., Bergenstal, R. M., Miller, K. M., DuBose, S. N., Hall, C. A.
  2012; 97 (12): 4383-9

- **Wnt5a-Ror-Dishevelled signaling constitutes a core developmental pathway that controls tissue morphogenesis.** *Proceedings of the National Academy of Sciences of the United States of America*
  Ho, H. H., Susman, M. W., Bikoff, J. B., Ryu, Y. K., Jonas, A. M., Hu, L., Kuruvilla, R., Greenberg, M. E.
  2012; 109 (11): 4044-51