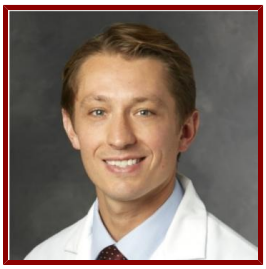
Stanford



Matthew McCarra

Instructor, Medicine - Pulmonary, Allergy & Critical Care Medicine

CLINICAL OFFICE (PRIMARY)

- **Critical Care Medicine**

  300 Pasteur Dr Rm H2143

  MC 5236

  Stanford, CA 94305

  Tel (650) 723-6381 **Fax** (650) 498-6288

Bio

CLINICAL FOCUS

- Pulmonary Disease
- Interstitial Lung Disease
- Idiopathic Pulmonary Fibrosis
- Hypersensitivity Pneumonitis
- Critical Care

ACADEMIC APPOINTMENTS

- Instructor, Medicine - Pulmonary, Allergy & Critical Care Medicine

HONORS AND AWARDS

- Chief Fellow, Stanford - Division of Pulmonary & Critical Care (2018-2019)

PROFESSIONAL EDUCATION

- Medical Education: University of Minnesota School of Medicine (2012) MN
- Board Certification: Critical Care Medicine, American Board of Internal Medicine (2019)
- Fellowship: Stanford University Pulmonary and Critical Care Fellowship (2019) CA
- Board Certification: Pulmonary Disease, American Board of Internal Medicine (2018)
- Board Certification: Internal Medicine, American Board of Internal Medicine (2015)
- Residency: UCSD Internal Medicine Residency (2015) CA
- Fellowship, Stanford University , Pulmonary & Critical Care Medicine (2019)
- Residency, University of California, San Diego , Internal Medicine (2015)

Teaching

COURSES

2026-27

- Cardiovascular and Pulmonary Sciences Seminar: MED 223 (Aut)

2025-26

- Cardiovascular and Pulmonary Sciences Seminar: MED 223 (Aut)

2024-25

- Cardiovascular and Pulmonary Sciences Seminar: MED 223 (Aut)

Publications

PUBLICATIONS

- **WNT7A deficit is associated with dysfunctional angiogenesis in pulmonary arterial hypertension.** *The European respiratory journal*
  Chakraborty, A., Nathan, A., Orcholski, M., Agarwal, S., Shamskhou, E. A., Auer, N., Mitra, A., Guardado, E. S., Swaminathan, G., Condon, D. F., Yu, J., McCarra, M., Juul, et al
  2023

- **Lung stem cells and therapy for cystic fibrosis** *Lung Stem Cells in Development, Health and Disease*
  Vaidyanathan, S., McCarra, M. B., Desai, T.
  European Respiratory Society.2021; 91: 06-321

- **First lung and kidney multi-organ transplant following COVID-19 Infection.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*
  Guenthart, B. A., Krishnan, A., Alassar, A., Madhok, J., Kakol, M., Miller, S., Cole, S. P., Rao, V. K., Acero, N. M., Hill, C. C., Cheung, C., Jackson, E. C., Feinstein, et al
  2021

- **Obstructive sleep apnea: can the downward spiral be reversed-a summary of John Stradling's ATS keynote speech.** *Journal of thoracic disease*
  McCarra, M. B., Owens, R. L.
  2016; 8 (Suppl 7): S539-41

- **Development of clinical immunity to malaria in highland areas of low and unstable transmission.** *The American journal of tropical medicine and hygiene*
  Rolfes, M. A., McCarra, M., Magak, N. G., Ernst, K. C., Dent, A. E., Lindblade, K. A., John, C. C.
  2012; 87 (5): 806-12

- **Antibodies to Plasmodium falciparum erythrocyte-binding antigen-175 are associated with protection from clinical malaria.** *The Pediatric infectious disease journal*
  McCarra, M. B., Ayodo, G., Sumba, P. O., Kazura, J. W., Moormann, A. M., Narum, D. L., John, C. C.
  2011; 30 (12): 1037-42

- **Infant hearing loss and connexin testing in a diverse population.** *Genetics in medicine : official journal of the American College of Medical Genetics*
  Schimmenti, L. A., Martinez, A., Telatar, M., Lai, C. H., Shapiro, N., Fox, M., Warman, B., McCarra, M., Crandall, B., Sininger, Y., Grody, W. W., Palmer, C. G.
  2008; 10 (7): 517-24