

## Michael Schivo, M.D., M.A.S.

### Philosophy of Care

Dr. Schivo believes that patients should receive the best care available. This includes thorough and compassionate clinic visits, subspecialist referrals when appropriate, and access to clinical research studies. Through this level of care and attention, Dr. Schivo believes that all patients can benefit.

### Clinical Interests

Dr. Schivo is board-certified in Internal Medicine, Pulmonary Diseases, and Critical Care Medicine. His clinical interests include airway diseases focusing on Chronic Obstructive Pulmonary Disease (COPD) and other obstructive lung diseases such as asthma. He is part of the Reversible Obstructive Airway Diseases (ROAD) Center, the UC Asthma Network (UCAN) Clinics, and the Center for Comparative Respiratory Biology and Medicine (CCRBM) at UC Davis. Dr. Schivo also has a general Pulmonology clinic once a week in Rocklin, CA.

In research, Dr. Schivo focuses on the analysis of exhaled and emitted volatile organic compounds (VOC) with the aims of non-invasive diagnostics, disease monitoring, and evaluation of therapeutic response. He collaborates highly with biologists, chemists, chemometricians, engineers, and pediatric/adult clinicians to coordinate clinical trials utilizing VOC analysis in disease states. His research spans from in-vitro epithelial models to human subject studies.

Dr. Schivo's clinical interests include airway diseases focusing on COPD and other obstructive lung diseases such as asthma. He is part of the Reversible Obstructive Airway Diseases (ROAD) Center, the UC Asthma Network (UCAN) Clinics, and the Center for Comparative Respiratory Biology and Medicine (CCRBM) at UC Davis. Dr. Schivo also has a general Pulmonology clinic once a week in Rocklin, CA.

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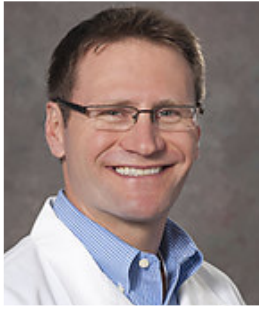
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### Research/Academic Interests

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### Title

Assistant Professor of Clinical Internal Medicine  
Associate Professor of Medicine



## Michael Schivo, M.D., M.A.S.

Co-Director Comprehensive COPD Clinic

**Specialty** Internal Medicine, Pulmonary and Critical Care

**Department** [Internal Medicine](#)

**Division** [Pulmonary, Critical Care, and Sleep Medicine](#)

**Clinic** UC Davis Medical Group, Rocklin

**Center/Program Affiliation** [UC Davis Medical Group](#)

**Address/Phone** UC Davis Medical Group - Sacramento (J Street), Pulmonary, Critical Care and Sleep Medicine,  
2825 J St. Suite 400 Sacramento, CA 95816

**Phone:** 916-734-8230

UC Davis Medical Group - Rocklin, 550 West Ranch View Dr. Suite 2005 Rocklin, CA 95765

**Phone:** 916-295-5700

**Additional Phone** Clinic Phone: 916-734-7777

Clinic Phone: 916-295-5700

Physician Referrals: 800-4-UCDAVIS (800-482-3284)

**Education** M.D., Drexel University College of Medicine, Philadelphia, Pennsylvania, 2003

M.A.S., UC Davis, Davis, California, 2010

B.A., UC Davis, Davis, California, 1998

**Internships** Internal Medicine, University of California at Davis Medical Center, Sacramento CA 2003-2004

**Residency** Internal Medicine, University of California at Davis Medical Center, Sacramento CA 2004-2007

**Fellowships** Pulmonary and Critical, University of California at Davis Medical Center, Sacramento CA 2007-2012

**Board Certifications** American Board of Internal Medicine, 2006

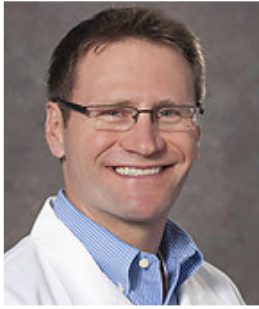
American Board of Internal Medicine, Critical Care Medicine, 2011

American Board of Internal Medicine, Pulmonary Disease, 2010

**Professional Memberships** American College of Chest Physicians

American Federation for Medical Research

American Thoracic Society



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California Thoracic Society  
Society for Clinical Translational Science  
Society for Critical Care Medicine

### Honors and Awards

Internal Medicine Clinical Fellow Trainees Research Award, 2012  
Golden Key, 2010  
Internal Medicine Peoples Choice Award, 2010

### Select Recent Publications

Aksenov AA, Zamuruyev KO, Pasamontes A, Brown JF, Schivo M, Foutouhi S, Weimer BC, Kenyon NJ, Davis CE. Analytical methodologies for broad metabolite coverage of exhaled breath condensate. *J Chromatogr B Analyt Technol Biomed Life Sci.* 2017 Sep(1);1061-1062:17-25. PMID:28697414.

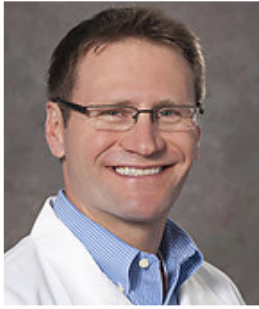
Schivo M, Albertson TE, Haczku A, Kenyon NJ, Zeki AA, Kuhn BT, Louie S, Avdalovic MV. Paradigms in chronic obstructive pulmonary disease: phenotypes, immunobiology, and therapy with a focus on vascular disease. *J Investig Med.* 2017 Aug;65(6):953-963. PMID:28258130.

Schivo M, Phan C, Louie S, Harper RW. Critical asthma syndrome in the ICU. *Clin Rev Allergy Immunol.* 2015 Feb;48(1):31-44. PMID:25759905.

Aksenov AA, Sandrock CE, Zhao W, Sankaran S, Schivo M, Harper R, Cardona CJ, Xing Z, Davis CE. Cellular scent of influenza virus infection. *Chembiochem.* 2014 May 5;15(7):1040-8. PMID: 24719290.

Schivo M, Aksenov AA, Linderholm AL, McCartney MM, Simmons J, Harper RW, Davis CE. Volatile emanations from in vitro airway cells infected with human rhinovirus. *J Breath Res.* 2014 Sep;8(3):037110. PMID:25189196.

Zeki AA, Schivo M, Chan A, Albertson TE, Louie SY. The asthma-COPD overlap syndrome: a common clinical problem in the elderly. *J Allergy (Cairo).* 30 Oct 2011. [epub ahead of print]  
Kenyon NJ, Morrissey BM, Schivo M, Albertson TE. Occupational asthma. *Clin Rev Allergy Immunol.* May 15, 2011. [epub ahead of print].



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Zeki AA, Schivo M, Chan AL, Hardin KA, Albertson TE, Rosenquist GL, and Louie S.

Geopidemiology of COPD idiopathic pulmonary fibrosis. *J Autoimmun.* 2010;34(3):J327-38.

Davis CE, Bogan MJ, Sankaran S, Molina MA, Loyola BR, Zhao W, Benner WH, Schivo M, Farquar GR, Kenyon NJ, Frank M. Volatile and non-volatile analysis of biomarkers in human breath using differential mobility spectrometry. *IEEE Sensors J*, special issue Sensors for Breath Analysis. 10 (1): 114-122.

Strand N, Bhushan A, Schivo M, Kenyon NJ, Davis CE. Chemically polymerized polypyrrole for on-chip concentration of volatile breath metabolites. *Sens Actuators B Chem.* 2010;143(2):516-23.

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