

CURRICULUM VITAE

Sarah Voth, Ph.D.

Assistant Professor

Department of Cell Biology and Physiology
Edward Via College of Osteopathic Medicine
4408 Bon Aire Drive | Suite 225 | Monroe, LA 71203

BIOGRAPHICAL INFORMATION

BIRTH DATE: January 4th

TELEPHONE: Office: (318) 342-7112

EMAIL: svoth@ulm.vcom.edu

EDUCATIONAL HISTORY

Institution and Location

Our Lady of the Lake College
College of Arts & Sciences
Baton Rouge, LA

University of South Alabama
College of Medicine
Center for Lung Biology
Mobile, AL

Degree

B.S.
Summa cum laude
4.0 GPA

Fields of Study

Pre-med Track
Physiology
Pathogenic Microbiology
Cell Biology

Graduate & Undergraduate Teaching Assistant

SCHOLARSHIPS

- Agnes T. Maguire Trust Scholarship, 2013-2015.
- Abstract Scholarship Award, American Thoracic Society International Conference, 2018.
- National Cancer Institute Scholarship, 2019.
- National Cancer Institute Scholarship, 2021

CURRENT GRANT SUPPORT

VCOM REAP 2022-2023
TITLE: *Cytoprotective Endothelial Amyloids*
Principle Investigator: **S. Voth**
Funded: \$40,000

*NIH/NHLBI K01, AHA CDA, ALA Catalyst, NIH/NHLBI R03 applications in development

PAST GRANT SUPPORT

T32 HL007778 2021
NIH/NHLBI
TITLE: *Training in Translational Lung Biology and Pathobiology*
This training program is designed to prepare highly qualified postdoctoral fellows for research careers in respiratory biology and disease pathogenesis.
Principle Investigator: N. Kaminski Postdoctoral Trainee: **S. Voth**

F31 NRSA Predoctoral Fellowship 1F31HL147512-01 2019 – 2021
NIH/NHLBI
TITLE: *Cytotoxic Lung Endothelial Amyloids*
Principle Investigator: **S. Voth** Sponsor: T. Stevens
Funded: \$59,000

T32 HL076125 2016 - 2019
NIH/NHLBI
TITLE: *Training in cell signaling and lung pathobiology*
Principle Investigator: T. Stevens and T. Rich Predoctoral Trainee: **S. Voth**

HONORS

- Captain of USPC Eventing Area II Regional Championship Team 1989-1990
- Captain of USPC Eventing Area II/III National Championship Team 1989-1990

11. Gwin M[&], Alexeyev M, Geurtz A, Lee JY, Zhou C, Yang X-M, Cohen M, Downey JM, Barrington R, Spadafora D, **Voth S**, Audia JP, Frank DW

13. deWeever, Gwin M, **Voth S**, Balczon R, and Stevens T. Unraveling the Autofluorescence Properties of Pulmonary Amyloids: Prelude to a Point-of-Care Detection Method in Critically Ill Patients, *Am J Respir Crit Care Med*, 201: A5254, 2020.
14. Gwin M, **Voth S**, Subedi Paudel S, Onanyan N, Darby A, Francis CM, (t)d7 0 Td[c 0.018 Tw [(V)-9.ion M in

5. **(INVITED)** Washington University School of Medicine, Division of Pulmonary and Critical Care Medicine: *Endothelial Amyloids: An Innate Response to Acute Lung Infection*, March 23, 2020 (cancelled due to COVID-19).
6. **(INVITED)** American Physiological Society International Conference. Philadelphia, PA; 2022. *Amyloid-beta precursor protein: Essential to lung capillary barrier defense during acute infection*.
7. **(INVITED)** 5th International Caparica Congress on Antibiotic Resistance. Caparica, Portugal; 2022. *Lung endothelial amyloid.002Tch1.09 (nat) Td 0 Td(t)-0t-0eonaerivi2aLu(ogi)2(c)-d[510.d2(u)10.5.6 dur)-6*

Medical Physiology Our Lady of the Lake College	Graduate <i>PA</i>	2014-2015	Assistant
Introduction to Infectious Disease University of South Alabama	Graduate <i>PA</i>	2016-2019	Guest Lecturer <i>Bacterial Pathogenesis</i>
Introduction to Infectious Disease University of South Alabama	Graduate <i>PA</i>	2017-2019	Guest Lecturer <i>Normal Flora</i>
Introduction to Infectious Disease University of South Alabama	Graduate <i>PA</i>	2017-2019	Guest Lecturer <i>Prions</i>
Introduction to Infectious Disease University of South Alabama	Graduate <i>PA</i>	2017-2019	Guest Lecturer <i>Adaptive Immunity</i>
Clinical Medicine II - Pulmonology University of South Alabama			

LABORATORY MENTORING EXPERIENCE

Trainees

Level

