

CURRICULUM VITAE
Elena A Strunk, MD

CAMPUS ADDRESS: Department of Emergency Medicine
981150 Nebraska Medical Center
Omaha, NE 68198-1150
Phone: (402) 559-5413
Email: elena.strunk@unmc.edu

EDUCATION

2004 - 2008 Bachelor of Science, Biology, Creighton University, Omaha, NE
2004 - 2008 Bachelor of Arts, Spanish, Creighton University, Omaha, NE
2009 - 2013 Doctor of Medicine, Creighton University, Omaha, NE

POST DEGREE TRAINING

2013 - 2017 Resident, Emergency Medicine Residency Program, Cook County
Hospital, Chicago, IL
2017 - 2018 Fellow, Emergency Ultrasound Fellowship, George Washington
University Hospital, Washington, D.C.

ACADEMIC APPOINTMENTS

2018 - Present Assistant Professor, Emergency Medicine, University of Nebraska
Medicine, Omaha, NE
2019 - 2020 M3 Ultrasound COIL Co-director, Emergency Medicine, University of
Nebraska, Omaha, NE
2019 - 2020 M1/M2 Ultrasound COIL Co-director, Emergency Medicine, University
of Nebraska Medical Center, Omaha, NE
2017 - 2018 Research Instructor, Emergency Medicine, George Washington
University, Washington, DC
2005 - 2008 Teaching Assistant, Biology, Creighton University, Omaha, NE

CERTIFICATIONS AND LICENSES

Present Drug Enforcement Administration (DEA), Nebraska, FS6893336
2019 - 2029 American Board of Emergency Medicine Board Certified (ABEM) 63123
Present Medical License, Nebraska, 39035
Present Medical License, District of Columbia

GRANTS AND CONTRACT SUPPORT

OTHER APPOINTMENTS AND POSITIONS

2008 - 2009 Laboratory Technician, Creighton University School of Medicine, Omaha,

NE
 2014 - 2017 ACLS Instructor, Cook County Hospital, Chicago, IL
 2015 - 2017 Staff Physician, Cook County Courthouse, Chicago, IL
 2017 - 2018 Attending Physician, Emergency Medicine, Washington DC VA Medical Center, Washington, DC
 2017 - 2018 GW Medical Faculty Associates Onsite Medical Access Provider, Emergency Medicine, George Washington University, Washington, DC
 2018 - Present Attending Physician, Emergency Medicine, Nebraska Medicine, Omaha, NE

MEMBERSHIPS AND OFFICES IN PROFESSIONAL SOCIETIES

2012 - Present Member, American College of Emergency Physicians
 2012 - Present Member, Emergency Medicine Residents Association
 2017 - Present Member, American Institute of Ultrasound in Medicine

COMMITTEE ASSIGNMENTS

Departmental

2019 - Present Emergency Medicine Wellness Committee Member

National/International

2019 - Present AAWEF Awards Committee Member, ACEP AAWEF

PRESENTATIONS

1. Strunk EA. Cook County Emergency Medicine Residency Program Shock. MS IV Lecture Series; 2014. Chicago, IL
2. Strunk EA. A Case of Popeye's Eyes. CORD; 2016. Nashville, TN
3. Strunk EA. A Case of Popeye's Eyes. CORD 2016, Clinical Pathological Case Presenter; 2016 Mar. Nashville, TN
4. Strunk EA. Back to the Belly. Rocky Mountain Emergency Medicine Conference, Ultrasound Workshop; 2017 Mar. Copper Mountain, CO
5. Strunk EA. Interesting Ultrasound Cases. District of Columbia Ultrasound Group Annual Meeting; 2017 Oct. Washington, District of Columbia
6. Strunk EA. Interesting Ultrasound Cases. District of Columbia Ultrasound Annual Meeting; 2017 October. Washington, D.C
7. Strunk EA. Renal Ultrasound. George Washington Masters in Emergency Medicine International Program; 2018 April. Calicut, India
8. Strunk EA. Cranial Nerves. George Washington Masters in Emergency Medicine International Program; 2018 April. Calicut, India
9. Strunk EA. Ocular Ultrasound. George Washington Masters in Emergency Medicine International Program; 2018 April. Calicut, India
10. Strunk EA. Current Topics in Abdominal Ultrasound. George Washington Masters in Emergency Medicine International Program; 2018 April. Calicut, India
11. Strunk EA. Subarachnoid Hemorrhage. George Washington Masters in Emergency

- Medicine International Program; 2018 April. Calicut, India
12. Strunk EA. Renal Ultrasound. Department of State Physicians' Ultrasound Course; 2018 June. Washington, D.C

PUBLICATIONS

A. ARTICLES PUBLISHED IN SCHOLARLY JOURNALS

1. Xu J, Sato S, Okuyama S, Swan RJ, Jacobsen MT, Strunk E, Ikezu T. Tau-tubulin kinase 1 enhances prefibrillar tau aggregation and motor neuron degeneration in P301L FTDP-17 tau-mutant mice. *FASEB J.* 24 : 2904-15. 2010
2. Xu, Jiqing; Sato, Shinji; Okuyama, Satoshi; Swan, Russell; Jacobsen, Michael; Strunk EA; Ikezu, Tsuneya. Tau-tubulin kinase 1 enhances prefibrillar tau aggregation and motor neuron degeneration in P301L FTDP-17 tau-mutant mice. *Atlas of Emergency Medicine.* 2014

B. ARTICLES ACCEPTED FOR PUBLICATION IN SCHOLARLY JOURNALS

Not Applicable

C. ARTICLES SUBMITTED FOR PUBLICATION IN SCHOLARLY JOURNALS

Not Applicable

D. BOOKS PUBLISHED, IN PREPARATION, SUBMITTED OR IN PRESS

Not Applicable

E. CHAPTERS IN BOOKS

1. Strunk EA; sergel, michelle. *Atlas of Clinical Emergency Medicine.* Wolters Kluwer; 2014. Tibial Plateau Fracture
2. Strunk EA; sergel, michelle. *Atlas of Clinical Emergency Medicine.* Wolters Kluwer; 2014. Dental Avulsions and Subluxations
3. Sherman, Sc; Strunk EA. *Emergency Management of Infectious Diseases.* Cambridge; 2018. Chapter 40, Spine Infections

F. BOOKS OR JOURNALS EDITED

Not Applicable

G. ABSTRACTS AND PRELIMINARY COMMUNICATIONS

Not Applicable

H. PUBLISHED AUDIOVISUAL OR COMPUTER-BASED EDUCATIONAL MATERIALS AND COMPUTER SOFTWARE

Not Applicable

I. PUBLISHED CONTINUING EDUCATION MATERIALS

Not Applicable

J. EDITORIALS

Not Applicable

K. CONFERENCE PROCEEDING

Not Applicable

COMMUNITY SERVICE

2020 - Present Women's Center for Advancement (WCA) Guild Member

EDUCATION / TEACHING ACTIVITY

A. RESIDENCY/FELLOWSHIP

In-Training Exam Jeopardy

Lecture:

University of Nebraska Medical Center Department of Emergency Medicine, , 1.00 hour
2020

Sonowars

University of Nebraska Medical Center Department of Emergency Medicine, , 1.00 hour
2019

Ultrasound Jeopardy

University of Nebraska Medical Center Department of Emergency Medicine, , 1.00 hour
2019

B. ADDITIONAL INSTRUCTION

Abdominal Aortic Ultrasound

Lecture:

University of Nebraska Medical Center School of Medicine, Online module created for
the Surgery Clerkship on basic abdominal aortic ultrasound, 1.00 hour

Introduction to Lung Ultrasound

University of Nebraska Medical Center School of Medicine, Online module created for
the Internal Medicine Clerkship on basic thoracic ultrasound, 1.00 hour

Ocular Ultrasound Lecture

Other

taught Ocular Ultrasound in the UNMC Ultrasound Fellowship Lecture Series,
University of Nebraska Medical Center, , 2021

renal ultrasound lecture in the Ultrasound Fellowship lecture series

Renal Ultrasound Lecture, University of Nebraska Medical Center, , 2021

taught thoracic ultrasound lecture in the UNMC Ultrasound Fellowship Lecture Series

University of Nebraska Medical Center, Thoracic Ultrasound Lecture, 2021

The "FAST" Exam

Lecture:

University of Nebraska Medical Center School of Medicine, Online module created for
the Surgery Clerkship on "FAST" exam basics., 1.00 hour

C. MEDICAL STUDENT TEACHING

M-ID 501 - FUNDAMENTALS

Lecture:

Introduction to the POCUS Curriculum, 1.00 hour, 08/30/2019

Ultrasound Probes, 1.00 hour, 08/30/2019

M-ID 504 - MUSCULOSKLTL & INTGMNT

Laboratory:

Skin, Back & Scapular Region & POCUS Soft Tissue Scanning, 3.00 hours, 11/13/2019

Axilla, Breast & Pectoral Regions & POCUS Soft Tissue Scanning, 3.00 hours,

11/14/2019

Anterior & Medial Thigh & POCUS Bone, Tendon & Joint, 3.00 hours, 11/25/2019

M-ID 505 - CIRCULATORY

Simulation:

Diagnostic Ultrasound, 1.00 hour, 01/29/2019

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Diagnostic Ultrasound, 1.00 hour, 01/29/2019

Diagnostic Ultrasound, 1.00 hour, 01/31/2019

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Diagnostic Ultrasound, 1.00 hour, 01/31/2019

Diagnostic Ultrasound, 1.00 hour, 01/31/2019

POCUS - Echocardiogram, 1.00 hour, 01/28/2020

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Workshop:

Diagnostic Ultrasound, 1.00 hour, 01/29/2019
Diagnostic Ultrasound, 1.00 hour, 01/29/2019
Diagnostic Ultrasound, 1.00 hour, 01/31/2019
Diagnostic Ultrasound, 1.00 hour, 01/31/2019
Diagnostic Ultrasound, 1.00 hour, 01/31/2019
Diagnostic Ultrasound, 1.00 hour, 01/31/2019

M-ID 506 - RESPIRATORY

Simulation:

Skills Workshop - Thoracic Ultrasound, 1.50 hours, 02/25/2019
Skills Workshop - Thoracic Ultrasound, 1.50 hours, 02/25/2019

M-ID 510 - GASTROINTESTINAL

Laboratory:

POCUS: Vessels, 4.00 hours, 09/10/2019

Simulation:

POCUS, 1.00 hour, 09/10/2018
POCUS, 1.00 hour, 09/10/2018
POCUS, 1.00 hour, 09/11/2018
POCUS, 1.00 hour, 09/11/2018
POCUS, 1.00 hour, 09/11/2018
POCUS, 1.00 hour, 09/11/2018
POCUS, 1.00 hour, 09/11/2018
POCUS, 1.00 hour, 09/25/2019
POCUS, 1.00 hour, 09/25/2019
POCUS, 1.00 hour, 09/25/2019
POCUS, 1.00 hour, 09/25/2019
POCUS, 1.00 hour, 09/30/2019
POCUS, 1.00 hour, 09/30/2019
POCUS, 1.00 hour, 09/30/2019
POCUS - Abd Organs, 1.00 hour, 09/15/2020

M-ID 511 - ENDOCRINE

Laboratory:

POCUS - Review, 2.00 hours, 10/14/2020

M-ID 512 - GURD

Simulation:

POCUS: GU - kidney and bladder, 4.00 hours, 10/18/2018

POCUS: GU - kidney and bladder, 4.00 hours, 10/23/2018

POCUS: Kidney/Bladder, 3.00 hours, 10/31/2019

M-ID 513 - BLOOD, DEFENSES & INVA

Lecture:

Knobology (POCUS), 1.00 hour, 10/23/2019

M-ID 532 - ACUTE CARE

Laboratory:

Procedures Practice & Check Off, 1.25 hours, 03/25/2022

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