

Elena K Rinehardt MD, RPVI

Vascular Surgeon 07/2017-Present
Lake Washington Vascular PLLC, Bellevue, WA.

TRAINING AND EDUCATION

Vascular Surgery Resident 06/2012-06/2017
University of Wisconsin Hospital & Clinics, Madison, WI.

Doctor of Medicine 08/2008-06/2012
University of Washington School of Medicine, Seattle, WA.

Bachelor of Science in Biochemistry with College Honors
Minors in Chemistry and French
University of Washington College of Arts & Sciences, Seattle, WA.

LICENSE

State of Washington, Physician & Surgeon 05/2017-Present
State of Wisconsin, Medicine & Surgery 01/2014-Present

CERTIFICATIONS

ARDMS Registered Physician in Vascular Interpretation (RPVI) 01/2014-Present
Advanced Cardiovascular Life Support (ACLS) 06/2012-Present
Advanced Trauma Life Support (ATLS) 01/2013-01/2017
Basic Life Support (BLS) 07/2008-Present

PROFESSIONAL AFFILIATIONS

Candidate Member, Society for Vascular Surgery 06/2012-Present
Resident Member, Association of Program Directors in Vascular Surgery 02/2015-Present
Member, Association of Women Surgeons 02/2011-Present
Student Member, Society for Vascular Surgery 02/2011-2012

AWARDS AND HONORS

Outstanding Resident Educator Award 06/2015
Graduate Medical Education Quality Improvement Award 01/2014
Society for Vascular Surgery Annual Meeting Travel Scholarship 06/2011
UW Community Health Advancement Program Student Service Award 11/2009

PROFESSIONAL ACTIVITIES

APDVS Core Curriculum Committee Member 01/2016-Present
ARDMS Physician Vascular Interpretation Exam Item Writer 05/2015-7/2016
APDVS Education Committee Member 02/2015-01/2016
UW Resident Quality and Patient Safety Committee Member 09/2013-06/2015
UW Transitions of Care and Handoffs Committee Member 11/2014-03/2015

TEACHING EXPERIENCE

Resident Instructor for Patient Safety Orientation/Root Cause Analysis 01/2016
SVS Resident/Student Simulation Workshops – Facilitator/Assessor 05/2015
Medical Student education during Surgery Clerkships 06/2012-06/2017
Introduction to Clinical Medicine Instructor 04/2012-06/2012
Student Clinic Medical Volunteer and Clinical Instructor 02/2011-05/2011
Teaching Assistant – Chemistry and Physics 06/2005-08/2005

RESEARCH EXPERIENCE

University of Wisconsin Dept. of Vascular Surgery 05/2016-05/2017
Madison, WI

Research Advisor: Kyla Bennett, MD

1. Database development/analysis related to infected aortic aneurysms and grafts.
2. Analysis of thoracic outlet syndrome patient outcomes in NSQIP

University of Washington Dept. of Vascular Surgery 08/2011-12/2014
Seattle, WA

Advisor: R. Eugene Zierler, MD

Created and analyzed a database from retrospective chart review encompassing 6 months of renal artery duplex studies performed by the D.E. Strandness Jr. Vascular Laboratory at the University of Washington.

University of Washington Dept. of Anesthesiology 05/2009-04/2012
Seattle, WA

Advisor: Murali Sivarajan, MD

Completed an independent investigative project and performed a systematic literature review focusing on cost of anesthesia medications, choice of anesthetic protocol and use of intraoperative awareness monitors.

Columbia University Dept. of Pathology 06/2007-08/2007
New York, NY

Advisor: Gilbert Di Paolo, PhD

Developed a protocol for nitrogen cavitation of cells for the purpose of autophagosome extraction. Performed experiments to characterize changes in lipid composition of cell membranes that occur after nutrient deprivation, which helped identify the modulatory role of the phospholipase D1 pathway in autophagy. The group has published these findings in *Nature Communications* (Dec 2010). My research was sponsored by the Amgen Scholars program, which granted me one of 13 positions out of more than 400 students.

University of Washington Dept. of Biochemistry 06/2006-04/2008
Seattle, WA

Advisor: David Morris, PhD

Analyzed Fmr1 RNA transcript isoforms in murine stem cells and compared isoform distribution in replicating and differentiated spinal and brain stem cell cultures to determine the role of FMRP in neural development and how it may apply to patients with Fragile X Syndrome. Produced and analyzed microarray data from murine fibroblasts infected with different strains of *Toxoplasma gondii* to prove the efficacy of the RiboTag mouse concept. The goal of the model is to analyze reciprocal interactions in tumor microenvironments.

PUBLICATIONS

Rinehardt EK, Scarborough JE, Bennett KM. *Current Practice of Thoracic Outlet Decompression Surgery in the United States*. J Vasc Surg, May 2017; 66(3):858-865.

Rinehardt EK, Zierler RE, Levenson GE. *Duplex Scanning Has a Limited Role in Evaluation of Patients with Renal Failure*. J Vasc Surg, Dec 2014; 60(6):1593-1598.

Rinehardt EK, Sivarajan M. *Costs and Wastes in Anesthesia Care*. Curr Opin Anaesthesiol, April 2012; 25(2):221-5.

Rinehardt EK. *Economic Factors in the Practice of Anesthesia*. Journal of Investigative Medicine, 2010; 58 (1), #328.

PRESENTATIONS

“Arterial Insufficiency and Wounds” 10/06/2015
UW Nursing RISC Education Series, Madison, WI.

“Hands-on Workshop: Toolbox for Bailouts During FEVAR” 06/17/2015
Society for Vascular Surgery Vascular Annual Meeting, Chicago, IL.

“The Role of Duplex Scanning in Evaluation of Patients with Renal Failure” 09/06/2013
Poster Presentation, Midwestern Vascular Surgery Society Annual Meeting, Chicago, IL.

“The Role of Duplex Scanning in Evaluation of Patients with Renal Failure” 05/15/2013
University of Wisconsin Department of Surgery Resident Research Day, Madison, WI.

“Economic Factors in the Practice of Anesthesia” 01/2010
Western Student Medical Research Forum, Carmel-By-The-Sea, CA.

INVITED PANEL DISCUSSANT

APDVS Annual Meeting 04/2016

“Using Electronic Media in Your Training Program”

“Update on Simulation and Integration into Your Training Program”

“Abstracts”

ADDITIONAL QUALIFICATIONS

US Citizen.

Fluent in English and Russian, proficient in French.