**Patrick W. Zimmerman, DO**

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**Education & Training**

**Fellow, Surgical Critical Care** August 2021 – July 2022

*George Washington University*

**Surgical Education Research Fellow** May 2018 – Present

*Association for Surgical Education*

**Fellow, Clinical Simulation and Surgical Education** July 2017 – July 2018

*American College of Surgeons Accredited Educational Institutes (ACS-AEI)*

*University of Vermont Larner College of Medicine / University of Vermont Medical Center, Burlington, VT*

**Resident Physician in General Surgery** July 2015 – July 2021

*Danbury Hospital, Danbury, CT / University of Vermont Larner College of Medicine*

**Doctor of Osteopathic Medicine (D.O.)** July 2011 - June 2015

*A.T. Still University School of Osteopathic Medicine in Arizona (ATSU-SOMA)*, Mesa, AZ

*Completed studies at Portland, OR community campus*

**Bachelor of Arts**, International Studies August 2002 - May 2006

*University of Utah*, *Salt Lake City, UT*

Concentration: Latin American studies and international relations

**Licensure & Certifications**

Vermont Medical License # 031.0132182

ATLS instructor – ID #663404

NPI # 1740674662

DEA # AD1563394Z28

ACLS certified

Completed ATOM course

**Faculty Appointments**

**Resident Clinical Instructor, Department of Surgery** 2016 - Present

*University of Vermont Larner College of Medicine*

**Resident Clinical Instructor, Department of Surgery** 2016 - Present

*American University of the Caribbean*

**Awards & Honors**

**Resident Teaching Award** June, 2020

*Danbury Hospital General Surgery Residency*

**Protégé, University of Vermont Teaching Academy** January, 2018

*University of Vermont Larner College of Medicine/ University of Vermont Medical Center*

**Resident Teaching Award** June, 2017

*Danbury Hospital General Surgery Residency*

**Intern of the Year** June, 2016

*Danbury Hospital General Surgery Residency*

**Nominee, Arnold P. Gold Foundation Humanism and Excellence in Teaching Award** March, 2016

*Nominee for 2015 - 2016 academic year*

**National Student DO of the Year, ATSU-SOMA Delegate** November**,** 2015

*2015 National Student DO of the Year Award, presented by the Council
of Osteopathic Student Government Presidents*

**University of Utah Honors Program** 2002 - 2006

**Professional Affiliations**

Eastern Association for Surgical Trauma (EAST) 2021 – Present

ACS-AEI Surgical Simulation Summit Programming Committee 2018 - 2019

ACS Young Surgeons Committee – Connecticut Chapter 2018 - Present

ASE Graduate Surgical Education Committee 2018 – Present

Association for Program Directors in Surgery 2017 - Present

Association for Surgical Education 2017 – Present

American College of Surgeons 2011 – Present

**Research**

**ACS-AEI Surgical Education & Surgical Simulation Fellow** 2017 – 2018

*University of Vermont Medical Center/ Larner College of Medicine*

**Program in Molecular Medicine**  2010 - 2013

*University of Utah School of Medicine*

*Principal investigators: Andrew S. Weyrich PhD., Dean Li MD/ PhD.*

**Utah Pulmonary Hypertension Genetics Project** 2008 – 2010

*University of Utah, Department of Medicine, Intermountain Medical Center Department of Pulmonary & Critical Care Medicine & Harvard University School of Medicine Department of Cardiology*

*Principal investigators: C. Gregory Elliott MD (University of Utah), Paul Yu MD/ PhD. (Harvard)*

**Leadership**

University of Vermont Larner College of Medicine LCME Self Study Task Force November 2019 – Present

 Subcommittee appointment(s):

*- Standard 3: Academics and Learning Environments*

Association for Surgical Education Graduate Surgical Education Committee May 2018 – Present

 Subcommittee appointments:

*- Surgical Educators Committee 2018 - Present*

*- Conflicts in Training Committee* *2018 – Present*

TrueLearn Learner Advisory Board (LAB) November 2017 - present

Instructor, Advanced Trauma Life Support (ATLS) May 2017 – present

ATSU-SOMA Alumni Mentorship Program July 2015 – Present

Judicial Chair*,* ATSU-SOMA Student Government Association 2013 – 2014

Contributing Editor, American Medical Student Association Global Pulse Journal2012 – 2013

Coordinator, ATSU-SOMA Still Wild: wilderness medicine interest group2011 – 2012

Secretary of Activities, ATSU-SOMA Surgery Interest Group2011 – 2012

Senior Instructor, Wilderness Medicine of Utah 2009 – 2015

Strength and Conditioning Coach, University of Utah Men’s lacrosse team2009 – 2010

Lacrosse Coach for middle school, high school, and collegiate teams2004 – 2010

**Prior Employment**

**Senior Instructor, Wilderness Medicine** 2009 - present

*Wilderness Medicine of Utah, Salt Lake City, UT*

**Laboratory Technician** 2010 – 2011

*Program in Molecular Medicine, University of Utah School of Medicine*

**Research Associate**  2008 – 2010

*Utah Pulmonary Hypertension Genetics Project, Salt Lake City, UT*

**Surgical Unit Assistant** 2007 - 2011

*LDS Hospital & Intermountain Medical Center, Salt Lake City, UT*

**Substitute teacher, Catholic Diocese of Salt Lake City, Salt Lake City, UT** 2006 – 2007

**NASM Certified Personal Trainer**  2003 - 2006

**Bibliography**

**Zimmerman, P.** Item writer for the TWIS Shock Quiz. The SCORE portal. http://www.surgicalcore.org. Published 12/15/2019.

**Zimmerman PW.** High-Stakes Behavior Management: De-Escalating Difficult Situations Encountered by Surgeons. Connecticut Medicine 2018;82(8):496–.

Shi DS, Smith MCP, Campbell RA, **Zimmerman PW**, Franks ZB, Kraemer BF, Machlus KR, Ling J, Kamba P, Schwertz H, Rowley JW, Miles RR, Liu ZJ, Sola-Visner M, Italiano, JE, Christensen H, Karh WHA, Li DY, Weyrich AS. “Proteasome function is required for platelet production.” *Journal of Clinical Investigation*. Sep 2;124(9):3757-66. doi: 10.1172/JCI75247. PMID: 25061876 (Epub 2014 Jul 25.)

**Zimmerman PW**. “ATSU-SOMA: No Typical Experiences.” *Maricopa Medical Society Round-up Magazine*. July 2014: 46. Print.

**Zimmerman, PW**. "Bleeding and Shock". *Basic Wilderness Life Support: A Text for Wilderness First Responder Courses*. Richard Ingebretsen. 3rd ed. Salt Lake City: Travel Medicine Press, 2013. 28-35. Print.

**Zimmerman P**, Dyukareva A, Kinney M, Woods B. (2013). “Evaluating the Role of Perceived Physical Health on Patient Healthcare Seeking Behavior.” National Association of Community Health Centers Community Health Institute & Expo, Chicago, IL. August 25, 2013.

Malhotra R, Paskin-Flerlage S, Zamanian RT, **Zimmerman P**, Schmidt JW, Deng DY, Southwood M, Malhotra R, Paskin-Flerlage S, Zamanian RT, et al. Circulating angiogenic modulatory factors predict survival and functional class in pulmonary arterial hypertension. *Pulmonary Circulation*. 2013;3(2):369-380. doi:10.4103/2045-8932.110445. PMID: 24015338

Elliott CG, Brown L, Hegewald M, **Zimmerman P**. “A Pathogenetic Paradigm for Pulmonary Arterial Hypertension.” *American Journal of Respiratory and Critical Care Medicine*. 2009 May; 179(10): 967-8. PMID: 19423721.

**Zimmerman P**, Brown L, Schmidt J, Glissmeyer E, Wojciechowski B, Liou T, Jensen R, Carlquist J, Hegewald M, Elliott G. “2008 Review of Utah Pulmonary Hypertension Genetics Project: Updated Revisions and Findings.” *American Journal of Respiratory and Critical Care Medicine*. 2009 May; 179(Meeting Abstracts): A6013.

**Zimmerman P**, Brown L, Schmidt J, Glissmeyer E, Wojciechowski B, Liou T, Jensen R, Carlquist J, Hegewald M, Elliott G. “Pulmonary Arterial Hypertension: Is there a Vasoreactive Phenotype?” *American Journal of Respiratory and Critical Care Medicine*. 2009 May; 179(Meeting Abstracts): A2650.

**Podium Presentations**

**Zimmerman PW**, Nacar A, Wood M, *et al.* “Non-Operative Treatment of Spontaneous Splenic Rupture as a Complication of Babesiosis.” Presented at: *Connecticut Chapter of The American College of Surgeons Annual Meeting*; 11 October, 2019. Torrington Marriott. Torrington, CT. (Presented by M. Wood, DO.)

**Zimmerman PW**, Rubin AS. “High Stakes Behavior Management. De-Escalating Difficult Situations Encountered by Surgeons.” Presented at: *American College of Surgeons Surgical Simulation Summit*; 16 March 2018. Suissôtel. Chicago, IL.

**Zimmerman PW**, Rubin AS. “High Stakes Behavior Management. De-Escalating Difficult Situations Encountered by Surgeons.” Presented at: *Current Concepts & Controversies in Surgery*; 29 January 2018. Stowe Mountain Lodge. Stowe, VT.

**Zimmerman PW**, Nicholas C. “I saw... I think... I wonder: Debriefing in The Clinical Learning Environment.” Presented at: *University of Vermont Larner College of Medicine Teaching Academy Snow Season Retreat*; 12 January 2018. University of Vermont Larner College of Medicine. Burlington, VT.

**Presentations**

Gillaspie D, **Zimmerman PW**, Dietzek, A. Mycotic Pseudoaneurysm of the Superior Mesenteric: Case Report in Patient with a History of Intravenous Drug Use. Poster presentation presented at: *Danbury Hospital Joseph L. Belsky MD Research Day*; 2016 May 18; Danbury, CT.

**Zimmerman P.** “Extended Perioperative Antibiotic Use in Mandibular Fracture: Amicus or Adversary?” Presented at: *Grand Rounds, Division of Trauma, Critical Care, And Acute Care Surgery*; 2014 September 17; Oregon Health and Science University. Portland, OR.

**Zimmerman P**, Brown L, Schmidt J, Glissmeyer E, Wojciechowski B, Liou T, Jensen R, Carlquist J, Hegewald M, Elliott G. “Pulmonary Arterial Hypertension: Is There a Vasoreactive Phenotype?” Presented at: *American Thoracic Society International Conference*; 16 May, 2009. San Diego, CA.

**Zimmerman P**, Brown L, Schmidt J, Glissmeyer E, Wojciechowski B, Liou T, Jensen R, Carlquist J, Hegewald M, Elliott G. (2009). “2008 Review of Utah Pulmonary Hypertension Genetics Project: Updated Revisions and Findings.” Presented at: *American Thoracic Society International Conference*; 16 May, 2009. San Diego, CA.

**Language Proficiency**

* Portuguese, near fluent in reading, writing and speaking
* Spanish, near fluent in reading, writing and speaking

**Interests & Avocations**

* Outdoor sports - kayaking, mountaineering, rock climbing, trail running, hiking, and mountain biking;
	+ *Recent summits include Grand Teton (WY), Ancient Art (UT), Castleton Tower (UT), Dark Shadows (NV), Mt. Hood (OR), Mt. St. Helens (WA), Mt. Adams (WA)*
	+ *Kayaked main rivers throughout Oregon, Snake River, Payette River, Westwater Canyon and the Colorado River through the Grand Canyon*
* Drawing and watercolor painting
* Music – playing and listening
* Cooking