

# Curriculum Vitae

**LASZLO N. KIRALY, MD**  
Associate Professor of Surgery  
Oregon Health & Science University

**BUSINESS ADDRESS** Oregon Health & Science University  
Division of Trauma, Critical Care & Acute Care Surgery  
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Portland, OR 97239  
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## EDUCATION

7/2013-present **University of Illinois**, Chicago, IL  
Master of Health Professions Education, Degree expected 2018

6/2010-6/2012 **Oregon Health & Science University**, Portland, OR  
Certificate, Human Investigations Program June 2012

8/98-6-02 **Northwestern University Medical School**, Chicago, IL  
Doctor of Medicine June 2002

9/94 – 6/98 **Northwestern University**, Evanston, IL  
Bachelor of Arts in Biology and Bachelor of Arts in Theoretical Mathematics, Minor in Latin June 1998  
Senior Thesis: Predicting Chemical Reaction Rates with Experimental Mathematical Models

## EMPLOYMENT

7/14-present **Oregon Health & Science University**, Associate Professor, Trauma, Critical Care, and Acute Care Surgery

7/09-6/14 **Oregon Health & Science University**, Assistant Professor, Trauma, Critical Care, and Acute Care Surgery.

7/07-6/09 **Oregon Health & Science University**, General Surgery Resident

7/06-6/07 **Oregon Health & Science University**, Surgical Critical Care Fellow

7/05-6/06 **Oregon Health & Science University**, Trauma/Critical Care Research Resident

6/02-6/05 **Oregon Health & Science University**, General Surgery Resident

6/97 – 8/98 **Market Dynamics Inc.**, Glenview, IL  
*Medical Information Technology Intern*

9/95 – 4/98 **Biochemistry, Molecular Biology, and Cellular Biology Department**, Evanston, IL  
*Laboratory Assistant*

## ORGANIZATIONS

**Portland Surgical Society**  
Secretary/Treasurer 2013-  
President Elect 2014-2015  
President 2015-2016

**Member**

**Surgical Critical Care Program Directors Society**  
**North Pacific Surgical Association**  
**Association for Surgical Education**  
**Mackenzie Society, Member**  
**Pacific Coast Surgical Society, Member**

**American Society of Parenteral and Enteral Nutrition**

Chair Elect, Section of Critical Care 2014-2015  
Chair, Section of Critical Care 2015-2016  
Member, Committee on Section Affairs

**American College of Surgeons, Fellow**

**American College of Surgeons, Oregon Chapter**

Program Chair, 2010-2013  
Secretary/Treasurer 2013-2016  
Councilor, 2016-present

**LICENSURE**

American Board of Surgery Certification in Surgery Expires April 2020  
American Board of Surgery Special Certification in Surgical Critical Care Expires April 2020  
Oregon Board of Medical Examiners License MD126124 Expiration Date: 12/31/2017  
ACLS Certification Expires 5/2018  
ATLS Certification Expires 8/2016  
ATLS Instructor Course completed 8/2011

**SKILLS**

**Language:** Fluent in Hungarian

**HONORS**

**Graduation Marshal**, June 2014 awarded by OHSU Class of 2014  
**David W. E. Baird Teaching Award**, June 2012 awarded by OHSU Class of 2012.  
**Roger Alberty Resident Teaching Award**, June 2009.  
**Baker-Moseley Award**, Clinical Research, Oregon Chapter American College of Surgeons, June 2007.  
**Illinois Academy of Family Physicians Summer Externship Award**  
*Summer '99* Little Company of Mary Hospital Clinic

**ACTIVITIES**

**Associate Examiner**, American Board of Surgery, 2017  
**Program Director**, Surgical Critical Care Fellowship, OHSU 2015-  
**College Lead**, Surgical Specialty College, OHSU School of Medicine 2014-2016  
**Clinical Competency Committee**, OHSU General Surgery Residency, 2014-  
**Acting Program Director**, OHSU General Surgery ACGME CLER site visit April 2013  
**Committee Member**  
Program Evaluation Committee, OHSU Surgical Critical Care Fellowship, 2015-  
Clinical Competency Committee, OHSU Surgical Critical Care Fellowship, 2015-  
Clinical Competency Committee, OHSU General Surgery Residency, 2014-  
Department of Surgery Executive Education Committee 2010-  
AMA Grant Milestones, Competencies and Badges Working Group 2013-2014

Clinical Experiences Work Group – Curriculum Transformation 2013-2014  
Clinical Experiences Work Group - "Design of the clerkship model" sub-committee  
2013-2014  
CPX Work Group Case Updating 2012-2014  
OHSU Clerkship Directors' Sub-Committee 2010-2015

**Director**

Trauma Research Associates Program (T-RAP). Involving pre-medical students in surgical critical care research. 2013-

**Nestle Nutrition Institute Fellowship Faculty** 2011-present

**General Surgery Residency Frozen Cadaver Lab Instructor**  
Oregon Health & Science University 3/2012-present

**Surgery Interest Group Faculty Advisor**  
Oregon Health & Science University 2010-2016

**Surgery Clerkship Director**  
Oregon Health & Science University 2010-2015

**Course Director**  
Transition to Surgical Internship (Surgical Boot Camp) 2011-2015

**Nestle Nutrition Fellowship**  
Louisville, KY and Portland, OR 10/2009

**General Surgery Residency small group leader**  
Oregon Health & Science University 2009-2016

**Third year medical student surgical preceptor**  
Oregon Health & Science University 2009-present

**Institutional Animal Care and Use Committee**  
**Member**, Oregon Health & Science University 2009-2012

**Research Externship**  
Landstuhl Regional Medical Center, 4/2007

**Gross Anatomy, Imaging, and Embryology Lab Instructor**  
Oregon Health & Science University Medical School 2005

**Anatomy Lab, Physical Exam skills, and general tutor**  
4<sup>th</sup> year teaching assistant 2001-2002

**NU-AID clinic in Nicaragua**  
Clinician, fundraising, for trip to bring clinic and supplies to Nicaragua and Belize ('01)

**Winfield-Moody smoking cessation clinic/ Diabetes Clinic**  
Clinic Coordinator, Counselor (Cabrini Green) ('98-'00)

**PUBLICATIONS**

Rosenthal MD, Carrott PW, Patel J, Kiraly L, et al. Parenteral or enteral arginine supplementation safety and efficacy. J Nutr. Dec 2016;; 146(12):2954-2600S.

Bechtold, ML, Mir FA, Boumitri, Palmer LB, Evands DC, Kiraly LN, et al. Long-term nutrition: A clinician's guide to successful lon-term enteral access in adults. Nutr Clin Pract. Sep 2016.

Patel JJ, Rosenthal MD, Miller KR, Codner P, Kiraly L, et al. The critical care obesity paradox and implications for nutrition support. *Curr Gastroenterol Rep*. Sep 2016; 18(9):45.

Cook MR, Deal SB, Scott JM, Moren AM, Kiraly L. Teaching communication and autonomy with a team-based operative simulator. *Am J Surg*. May 2016; S0002-9610.

Watson JJ, Moren A, Diggs B, Houser B, Eastes L, Brand D, Bilyeu P, Schreiber M, Kiraly L. A statewide teleradiology system reduces radiation exposure and charges in transferred trauma patients. *Am J Surg*. May 2016; 211(5):913-8.

Connelly CR, Kemp Bohan PM, Cook MR, Moren AM, Schreiber MA, Kiraly LN. A night float week in a surgical clerkship improves student team cohesion. May 2016; 211(5):913-8.

Moren AM, Hampton D, Diggs B, Kiraly L, et al. Recursive partitioning identifies greater than 4 U of packed red blood cells per hour as an improved massive transfusion definition. *J Trauma Acute Care Surg*. Dec 2015; 79(6):920-4.

Martindale RG, Warren M, Diamond S, Kiraly L. Nutritional Therapy for Critically Ill Patients. *Nestle Nutr Inst Workshop Ser*. 2015; 82:103-116.

Cook MR, Graff-Baker AN, Moren AM, Brown S, Fair KA, Kiraly LN, et al. A Disease-Specific Hybrid Rotation Increases Opportunities for Deliberate Practice. *J Surg Educ*. Jan-Feb 2016; 73(1):1-6.

Schreiber MA, McCully BH, Holcomb JB, Kiraly L, et al. Transfusion of cryopreserved packed red blood cells is safe and effective after trauma: a prospective randomized trial. *Ann Surg*. Sep 2015. 262(3):426-33.

Moren A, Cook M, McClain M, Doberne J, Kiraly L, Perkins RS, Kwong K. A pilot curriculum in international surgery for medical students. *J Surg Educ*. Jul-Aug 2015. 72(4):e9-e14.

Cook MR, Barton JS, Brown S, Watters JM, Deveney K, Kamin C, Kiraly L. A deliberate postoperative debriefing process can effectively provide feedback. *JACS*. May 2015. 220(5):959-967.

Cook MR, Yoon M, Hunter J, Kwong K, Kiraly L. A nonmetropolitan surgery clerkship increases interest in a surgical career. *Am J Surg*. Jan 2015. 209(1):21-5.

Bechtold, ML, Nguyen DL, Palmer L, Kiraly L, et al. "Nasal bridles for securing nasoenteric tubes: a Meta-Analysis." *Nutr Clin Pract*. Oct 2014. 79(5): AB306.

Hampton DA, Wiles C, Fabricant LJ, Kiraly L, et al. "Cryopreserved red blood cells are superior to standard liquid red blood cells." *J Trauma Acute Care Surg*. 2014 Jul; 77(1):20-7.

Kiraly LN, McClave SA, Neel D, et al. "Physician Nutrition Education" *Nutr Clin Pract*. 2014. 29(3):332-7.

McClave SA, Frazier TH, Hurt RT, Kiraly L, Martindale RG. "Obesity, inflammation, and pharmaconutrition in critical illness." *Nutrition*. 2014 Apr;30(4):492-494.

Miller KR, McClave SA, Kiraly LN, et al. "A Tutorial on enteral access in adult patients in the hospitalized setting." *JPEN* 2014 Mar/Apr;38(2):282-295.

Evans DC, Martindale RG, Kiraly LN, et al. "Nutrition optimization prior to surgery." *Nutr Clin Pract*. 2013 Dec 29(1):10-21.

Fabricant L, Kiraly L, Wiles C, et al. "Cryopreserved deglycerolized blood is safe and achieves superior tissue oxygenation compared with refrigerated red blood cells: a prospective randomized pilot study." *J Trauma Acute Care Surg*. 2013 Feb; 74(2):371-6.

McClave SA, Martindale RG, Kiraly L. "The use of indirect calorimetry in the intensive care unit." *Curr Opin Clin Nutr Metab Care*. 2013 Mar; 16(2): 202-8.

Riha G, Kiraly L, et al. "Management of the open abdomen during the global war on terror." *JAMA Surg*. 2013 Jan; 148(1):59-64.

Gee A, Kiraly L, et al. "Nutrition support and therapy in patients with head and neck squamous cell carcinomas." *Curr Gastroenterol Rep*. 2012 Aug; 14(4):349-355.

Sambasivan CN, Underwood SJ, Kuehn RB, Cho SD, Kiraly LN, Hamilton GJ, Flaherty SF, Dorlac WC, Schreiber MA. "Management and outcomes of traumatic colon injury in civilian and military patients." *Am Surg*. 2011 Dec;77(12):1685-91.

McClave SA, Kushner R, Van Way CW, Kiraly L, et al. "Nutrition therapy of the severely obese, critically ill patient: summation of conclusions and recommendations." *JPEN*. 2011 Sep-Oct; 35(5 Suppl):88S-96S.

Martindale RG, Delegge M, McClave S, Monroe C, Smith V, Kiraly L. "Nutrition delivery for obese ICU patients: delivery issues, lack of guidelines, and missed opportunities." *JPEN*. 2011 Sep-Oct; 35(5 Suppl):80S-7S.

Kiraly L, Hurt RT, Van Way CW. "The outcomes of obese patients in critical care." *JPEN*. 2011 Sep-Oct; 35(5 Suppl): 29S-35S.

Miller KR, Kiraly LN, Lowen CC, et al. "CAN WE FEED?" *JPEN*. 2011 Sep-Oct; 35(5):643-59.

Sambasivan CN, Underwood SJ, Cho SD, Kiraly LN, et al. "Comparison of abdominal damage control surgery in combat versus civilian trauma." *J Trauma*. 2010 Jul; 69 Suppl 1:S168-74.

Kiraly LN, Schreiber MA. "Management of the crushed chest." *Crit Care Med*. 2010 Vol. 28, No.9 (Suppl).

Cho SD, Kiraly LN, Flaherty SF, et al. "Management of colonic injuries in the combat theater." *Dis Colon Rectum*. 2010 May;53(5):728-34.

Kiraly LN, Martindale RG. "Nutrition as a Therapeutic Strategy: Fact or Fiction?" *Critical Connections*. 2010 Feb;9(1): 20.

Kiraly LN, Underwood S, Differding JA, et al. "Transfusion of aged packed red blood cells results in decreased tissue oxygenation in critically injured trauma patients". *J Trauma*. 2009 Jul;67(1):29-32.

Engelhart MS, Allison CE, Tieu BH, Kiraly LN, et al. "Ketamine-based total intravenous anesthesia versus isoflurane anesthesia in a swine model of hemorrhagic shock." *J Trauma*. 2008 Oct;65(4):901-8.

"Central venous catheterization-subclavian vein, videos in clinical medicine" *New England Journal of Medicine*, Vol. 357:e26, Dec 2008.

Schreiber MA, Perkins J, Kiraly L, et al. "Early predictors of massive transfusion in combat casualties." *J Am Coll Surg*. 2007 Oct;205(4):541-5.

Kiraly LN, Differding JA, Enomoto TM, et al. "Resuscitation with normal saline vs. lactated ringers modulates hypercoagulability and leads to increased blood loss in an uncontrolled hemorrhagic shock swine model." *J Trauma*. 2006 Jul;61(1):57-64.

## CHAPTERS

Cameron JL, Cameron AM, et al. *Current Surgical Therapy*, 12<sup>th</sup> Edition. "Nutrition therapy in critical illness" Elsevier, 2017. pp. 1454-1459.

Asensio JA, Trunkey DD, et al. *Current Therapy of Trauma and Surgical Critical Care*. 2<sup>nd</sup> ed "Resuscitation Fluids" Elsevier, 2016. Pp 70-76.

Asensio JA, Trunkey DD, et al. *Current Therapy of Trauma and Surgical Critical Care*. 2<sup>nd</sup> ed "Wound Ballistics: What every trauma surgeon should know" Elsevier, 2016. Pp 45-50.

A.S.P.E.N. Adult Nutrition Support Core Curriculum, 2<sup>nd</sup> Edition. "Critical Care Sepsis" ASPEN, 2012. pp. 377-391.

Asensio JA, Trunkey DD, et al. *Current Therapy of Trauma and Surgical Critical Care*. "Resuscitation Fluids" Mosby Elsevier, 2008. Pp106-113.

## PRESENTATIONS

"Remediation in Medical Education" April 2016. Surgical Education Week. Boston, MA.

"Postgraduate course in critical care nutrition" January 2016. Course Director. Clinical Nutrition Week. Austin, TX.

"The obesity paradox" January 2016. Clinical Nutrition Week. Austin, TX. 2016

"Practices in adult perioperative nutrition" February 2015. Clinical Nutrition Week. Long Beach, CA.

"Postgraduate course in critical care nutrition" February 2015. Course Director. Clinical Nutrition Week. Long Beach, CA.

"Innovation in Surgical Education at OHSU" December 2014. OHSU Surgery Grand Rounds. Portland, OR

"Advancing Surgical Education" September 2013. St. Charles Hospital. Bend, OR

"Trauma Resuscitation", "Implementing early nutrition in clinical practice." National Nutrition Support Symposium. June 2013. Ho Chi Minh City, Vietnam.

"State of the Art Trauma Resuscitation." 4<sup>th</sup> Critical Care Conference in Thailand. June 2013. Pattaya, Thailand.

"Shock: When to Feed?" 4<sup>th</sup> Critical Care Conference in Thailand, June 2013. Pattaya, Thailand.

"Nutrition Support: Battle of the Experts." American Society of Parenteral and Enteral Nutrition February 2013, Phoenix, AZ.

"Perioperative Nutriiton". St. Vincent's Department of Surgery Grand Rounds. October 2012.

Waggener J, Ward C, Kiraly L. "Assessment of a surgery skills elective to expose pre-clinical medical students to surgery." June 2012 Oregon/Washington ACS annual meeting, Sunriver, OR.

Yoon M, Ackerman E, Kiraly L. "Encouraging medical student interest in rural surgery through early exposure." June 2012 Oregon/Washington ACS annual meeting, Sunriver, OR.

June 2012 ASPEN Fellows Course. Sanibel, FL. "Why enteral nutrition?", "Feeding in ARDS and acute lung injury", "Feeding the critically ill obese patient"

April 2012 Grants Pass, Trauma Outreach, "Management of Acute Brain Injury".

January 2012 American Society of Parenteral and Enteral Nutrition. Orlando, FL "Antioxidant update" Postgraduate critical care course.

June 2011 American College of Surgeons, Oregon & Washington Chapter Meeting. "Encouraging Careers in Surgery"

February 2011 American Society of Parenteral and Enteral Nutrition. Vancouver, BC. "How to feed the obese critically ill patient". Postgraduate critical care panel.

November 2010 Obesity Critical Care Workshop, Las Vegas, NV "Outcomes of Obesity in Critical Care"

June 2010 Nestle Nutrition Congress, Beijing, China. Problem Based Learning Lecturer.

February 2010 American Society of Parenteral and Enteral Nutrition, Las Vegas, NV, "Obesity in the Intensive Care Unit".

June 2008 American College of Surgeons, Oregon & Washington Chapter Meeting "Intercontinental damage control surgery: The experience during Operation Iraqi Freedom and Operation Enduring Freedom"

February 26, 2008 Western Trauma Association, "Transfusion of Aged Packed Red Blood Cells Results in Decreased Tissue Oxygenation in Critically Injured Trauma Patients."

June 15, 2007 American College of Surgeons, Oregon & Washington Chapter Meeting. "Transfusion of Packed Red Blood Cells is Associated with a Transient Decrease in Muscle Oxygenation in Trauma Patients."

March 2007 OHSU Department of Surgery Grand Rounds "The Evolution of Blood Transfusion"

February 2007 Pacific Coast Surgical Association, "Predictors of Massive Transfusion in Combat Casualties"

January 17, 2007 Eastern Association of Surgery of Trauma. Alexander Resident Paper Competition "7.5% Saline with Dextran Resuscitation Causes Dysfunctional Inflammation in Uncontrolled Hemorrhagic Shock."

June 19, 2006 American College of Surgeons, Oregon & Washington Chapter Meeting. "Resuscitation with Normal Saline vs. Lactated Ringers Modulates Hypercoagulability and Leads to Increased Blood Loss in an Uncontrolled Hemorrhagic Shock Swine Model."

June 16, 2006 Portland Surgical Association. "7.5% Saline with Dextran Resuscitation Causes Dysfunctional Inflammation in Uncontrolled Hemorrhagic Shock."

January 11, 2006 Eastern Association of Surgery of Trauma. Alexander Resident Paper Competition. "Resuscitation with Normal Saline vs. Lactated Ringers Modulates Hypercoagulability and Leads to Increased Blood Loss in an Uncontrolled Hemorrhagic Shock Swine Model."

**RECENT ABSTRACTS:**

McClain M, Cook M, Moren A, Kiraly L, et al. "A Pilot curriculum in international surgery for medical students." Association Surgical Education Poster 2014.

Cook MR, Waggener J, Ward C, Arnold B, Barronian T, Wilson W, Spight D, Kiraly L. "A Student proctored suture workshop improves knowledge and comfort within a surgical clerkship." Association Surgical Education Poster 2014.

Kiraly LN, Cook MR, Yoon M, Hunter J, Kwong K, "A rural surgery clerkship increases interest in a surgical career." Association Surgical Education Podium paper April 2014.

Havel LL, Zusman NL, Marshall LM, Mirza AJ, Kiraly LN, et al. "Shock as a Risk Factor for Posttraumatic Stress Disorder Symptoms in Spine Trauma." Scientific Poster #99 Orthopedic Trauma Association.

**RESEARCH FUNDING** August 2012 Medical Research Foundation of Oregon, Early Investigator Grant, "Platelet Function in Trauma Patients" \$39,000.

March 2016 OHSU School of Medicine, Innovation Grant, "Development of high fidelity open hernia simulator". March 2016

**ADVISING**

**Residents**

Mackenzie Cook R4 (2014-2016)

Chris Connelly R3 (2012-)

Dodie de la Cruz R2 (2012-2014)

**Medical Students**

Emily Houle 2010-11

Brant Kirk 2010-11

Dodie de la Cruz 2011-12

Igor Dykan 2011-12

Travis Geraci 2011-12

Samine Ravanbakhsh 2011-12

Tyler Mittlestaedt 2011-12

Sean Watters 2012-13

Gurion Lantz 2012-13

Colin McNamara 2012-13

Sawyer Smith 2013-14

Ryland Stucke 2013-14

Abbie Fillmore 2013-14

Ola Lafi 2013-14

Becca Sauerwein 2013-14

Joshua Waggener 2013-14

Casey Ward 2013-14

Moon Yoon 2013-14

Garrett Pool 2013-14

Nathan Knapp 2015-2016

Bethany Sappington 2015-2016

Jeremiah Knapp 2015-2016

Johnny Saechao 2015-



**Pre-medical Students**

Anthony Cline 2013-2014  
Daniel Rodriguez 2013-2014  
Sarah Brown 2013-2014  
Ali Duffens 2013-2014  
Amanda Graveson 2013-2014  
Allyson Brown 2013-2014  
Cody Gehrhart 2013-2014  
Andrew Goodman 2015-2016  
Lauren Servino 2015-2016  
Johnny Saechao 2014-2015