

Ramin Jamshidi, MD

1920 E Cambridge Ave Suite 201
Phoenix AZ 85006
rjamshidi@surgery4children.com

Education	Children's Hospital of Wisconsin • Fellowship in Pediatric Surgery	2010 - 2012
	University of California, San Francisco • Residency in General Surgery • Fetal Surgery & Postdoctoral Research Fellowship • Global Health Scholar	2003 - 2010
	University of Colorado School of Medicine • Ranked top quartile of medical school class • 2 years graduate (PhD) studies; high pass prelim exam	1999 - 2003
	Burroughs-Wellcome at University of California, Berkeley • Program in Mathematics & Molecular Biology • Summer course for physics & math graduate students	1998
	Harvard University • Visiting Undergraduate Scholar in Physics	1996 - 1997
	University of California, San Diego • B.S. Physics and B.S. Chemistry with highest honors • Minor, Pan-American Studies • Senior project: design & construction of NMR spectrometer	1993 - 1998
Honors	Chief Resident Teaching Award, UCSF Surgery	2010
	Haile Debas Award for Surgical Accomplishment, UCSF Surgery	2010
	Alpha Omega Alpha Nomination, UCSF School of Medicine	2008
	Core Faculty Teaching Award, UCSF School of Medicine	2008
	Association for Surgical Education Research Fellowship	2008
	Alpha Omega Alpha Nomination, UCSF School of Medicine	2007
	Postdoctoral Teaching Fellowship, UCSF School of Medicine	2007
	Alpha Omega Alpha Nomination, UCSF School of Medicine	2006
	Resident Teaching Fellowship, UCSF	2005
	Medical Students' Resident Teaching Award, UCSF	2005
	Whitehead Academic Scholarship, CU Medicine	2002
	Lecturer of the Year, Univ. of Denver	2001
	NIH Medical Scientist Training Fellowship	1999 - 2001
	Graduate Merit Scholarship, CU Medicine	1999
	Joseph E. Mayer Award for Research Excellence, UCSD (AWARDED TO TOP GRADUATING CHEMISTRY STUDENT)	1998
	National Dean's List	1998
Teaching Assistant of the Year, UCSD Chem. & Biochem.	1996	
UC San Diego Research Scholar	1996 - 1998	
University of California Regents Scholarship	1993 - 1998	

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Experience	Staff Pediatric Surgeon	Phoenix Children's Hospital	1.2013 –
	• Attending physician practicing General/Thoracic Pediatric Surgery		
	Director of Pediatric Trauma	Maricopa Medical Center	5.2014 –
	• Level 2 pediatric / Level 1 adult trauma center		
	Clinical Instructor, School of Medicine	Med Coll Wisconsin	7.10 – 6.12
	• Didactic lectures & intraoperative resident & student instruction		
	Staff Intensivist	Kaiser Permanente	7.06 – 12.09
	• Staff physician in Cardiac Critical Care Unit of regional cardiac center		
	Lecturer, School of Medicine	UC San Francisco	6.08 – 6.10
	• Clinical instructor for 'Metabolism & Nutrition', 'Prologue', and anatomy lab		
	• Member of core faculty for 'Major Organs Systems' course		
	• Creation of Surgical Clinical Correlate lectures; now part of official curriculum		
	Postdoctoral Research Fellow , Surgery	UC San Francisco	6.06 – 6.08
	• Device design & testing for novel anastomoses & pectus excavatum		
	• Studying laparoscopic skill acquisition & new residency models		
• Development of system for studying surgeons' ergonomics			
Adjunct Professor, Physics	Univ. of San Francisco	8.07 – 6.10	
• Survey course in astronomy/astrophysics			
• Introductory electromagnetism lecture/lab course			
GRE & MCAT Instructor	Denver Kaplan	6.02 – 6.03	
• Private tutoring & class instruction			
Adjunct Lecturer, Physics	Univ. of Denver	9.00 – 6.03	
• Physics of the Body and Physics of Medical Imaging courses			
• Independent development of curriculum, materials, exams			
Course Director & Instructor	CU Medicine	3.01 – 6.03	
Medical Spanish Workshops			
• Created 7-week curriculum for medical students			
• Program & study materials now employed by schools in NY & CA			
Graduate Research Assistant	CU Medicine	6.99 - 9.00	
Physiology & Biophysics			
• Independent research under Prof. J. Caldwell			
• Patch-clamp studies of single ion channels in reconstituted bilayers			
Staff Research Associate, Physics	UC San Diego	6.98 - 6.99	
• Independent research under Profs. G. Feher & M. Okamura			
• Laser kinetic/mechanistic studies of bacterial photosynthesis			
Teaching Assistant, Chemistry	UC San Diego	8.95 - 6.99	
• Senior physical chemistry laboratory (Prof. R. Continetti)			
• 1 st & 3 rd quarters organic chemistry (Prof. C. Perrin; Prof. Y. Tor)			
• Analytical chemistry lab for chemistry majors (Prof. G. Dirreen)			
Research Assistant, Chemistry	UC San Diego	6.95 - 3.98	
• Independent research under Prof. Y. Tor			
• Synthetic & spectroscopic phenanthroline studies			
• Training of new undergraduate & graduate students			

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Teaching Fellow, Chemistry **Harvard Univ.** 8.96 - 1.97
• 1st semester general chemistry course (Prof. J. Davis)

- Publications** C Silva, J Egan, S Magoteaux, P Garcia-Fillion, R Jamshidi. Screening labs for pediatric blunt abdominal trauma: A quantitative analysis (Manuscript submitted for review).
- R Jamshidi., J Densmore, D Gourlay, D Lal, C Calkins. Esophagojejunal anastomosis by circular stapler in pediatric patients: size minima defined by experience and geometry. (Manuscript submitted for review).
- E Garvey, D Twitchell, R Ragar, J Egan, R Jamshidi. Morbidity of pediatric dog bites: A case series at a level one pediatric trauma center. *Journal of Pediatric Surgery* (Accepted for publication).
- R Jamshidi. Wilderness airway management: keeping an eye on the ball. *Wilderness & Environmental Medicine* 2013; 24(3): 300.
- R Jamshidi, T Sato. Initial assessment and management of thermal burn injuries in children. *Pediatrics in Review* 2013; 34(9): 395 – 404.
- A Dua, R Jamshidi, D Lal. Labial hair tourniquet: unusual complication of an unrepaired genital laceration. *Pediatric Emergency Care* 2013; 29(7): 829 – 830.
- R Jamshidi, M Jamshidi. Headphones and handhelds as contributors to preventable trauma. *Wilderness & Environmental Medicine* 2013; 24(2): 179 – 180.
- R Jamshidi, J Jamshidi. Altitude-induced illnesses. *Iranian Journal of Mountaineering* 2012.
- R Jamshidi. Pediatric Pyloric Stenosis. In *WISE-MD* (M Hopkins, T Lynch, eds.). <http://wise-md.med.nyu.edu>. 2012.
- R Jamshidi, N Weitzel, H Grocott, D Lal, S Taylor, R Woods. Mediastinal mass with superior vena cava syndrome. *Seminars in Cardiothoracic and Vascular Anesthesia* 2011; 15(3): 105 – 111.
- R Jamshidi. Wilderness Wound Care. In *Wilderness Medicine, 6th ed.* (Auerbach, ed.). Elsevier. Mosby 2011.
- K Pichakron, E Jelin, S Hirose, P Curran, R Jamshidi, J Stephenson, R Fechter, M Strange, M Harrison. Magnamosis II: Magnetic compression anastomosis for minimally invasive gastrojejunostomy and jejunoejunostomy. *Journal of Pediatric Surgery* 2011; 212(1): 42 – 49.
- S Kobayashi, R Jamshidi, P O’Sullivan, B Palmer, S Hirose, L Stewart, E Kim. Bringing the skills laboratory home: An affordable webcam-based personal trainer for developing laparoscopic skills. *Journal of Surgical Education* 2011; 68(2): 105 – 109.
- M Harrison, P Curran, R Jamshidi, D Christensen, B Bratton, R Fechter, S Hirose. Magnetic mini-mover procedure for pectus excavatum II: Initial findings of a Food and Drug Administration-sponsored trial. *Journal of Pediatric Surgery* 2010; 45(1): 185 – 192.
- J Stephenson, K Pichakron, L Vu, T Jancelewicz, R Jamshidi, J Grayson, K Nobuhara. In utero repair of gastroschisis in the sheep (*Ovis aries*) model. *Journal of Pediatric Surgery* 2010; 45(1): 65 – 69.

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- R Jamshidi, T LaMasters, D Eisenberg, Q Duh, M Curet. Video self-assessment augments development of videoscopic suturing skill. *Journal American College of Surgeons* 2009; 209(5): 622 – 625.
- M Knudson, R Jamshidi. Bedside Procedures for General Surgeons in *ACS Surgery Principles & Practice* (Ashley & Wilmore, eds.). BC Decker 2009.
- R Jamshidi, L Hornberger, T Karl. Left ventricular aneurysm in a child with severe combined immunodeficiency syndrome. *Annals of Thoracic Surgery* 2009; 88(5): 1678 – 1680.
- R Jamshidi, J Stephenson, J Clay, K Pichakron, M Harrison. Magnamosis: magnetic compression anastomosis with comparison to suture and staple techniques. *Journal of Pediatric Surgery* 2009; 44(1): 222 - 228.
- R Jamshidi, M Harrison, H Lee, K Nobuhara, D Farmer. Indication for pediatric muscle biopsy determines usefulness. *Journal of Pediatric Surgery* 2008; 43(12): 2199 – 2201.
- D Cooke, R Jamshidi, J Guitron, J Karamichalis. The virtual surgeon: using medical simulation to train the modern surgical resident. *Bulletin of the American College of Surgeons* 2008; 93(7): 26 – 31.
- R Jamshidi, M Harrison. A stronger understanding of magnet ingestion injuries. *Archives of Pediatrics & Adolescent Medicine* 2008; 162(9): 900.
- R Jamshidi, A Hill, H Harris. Anaphylaxis due to recurrent hydatid cyst. *Surgical Infections* 2009; 10(2): 155 – 157.
- R Jamshidi, L Reilly. Surgical residents' clinical activity during research: shedding light on moonlighting practices. *Journal of Surgical Education* 2008; 65(6): 486 – 493.
- D Ozgediz, J Wang, S Jayaraman, A Ayzengart, R Jamshidi, M Lipnick, J Mabweijano, S Kagawa, M Knudson, W Schechter, D Farmer. Surgical training and global health: initial results of a five-year partnership with a surgical training program in a low-income country. *Archives of Surgery* 2008; 143(9): 860 – 865.
- R Jamshidi, A Campbell, H Harris. Value of surgeons teaching anatomy to medical students. *Bulletin of the American College of Surgeons* 2008; 93(3): 36.
- R Jamshidi. Formalizing teaching responsibilities for junior surgical housestaff encourages educator development. *Journal of Surgical Education* 2008; 65(6): 514 – 517.
- R Jamshidi. Self-assessment in general surgery: pediatric surgery. *Hospital Physician* 2008; 44(4): 31 – 33.
- R Jamshidi, A. Campbell. Quality of life is not quality of clerkship. *Journal of Surgical Research* 2008; 150: 156 – 158.
- R Jamshidi, D Ozgediz. Medical student teaching: a peer-to-peer toolbox for time-constrained resident educators. *Journal of Surgical Education* 2008; 65(2): 95 – 98.
- WJ Gasper, R Jamshidi, PR Theodore. Palliation of thoracic malignancies. *Surgical Oncology* 2007; 16 (4): 259 – 265.
- M Dance, R Jamshidi, P O'Connor. Facilitated web-based case discussions in surgery. *Medical Education* 2007; 41 (11): 1092 – 1093.
- R Jamshidi, M. Harrison. Magnet-mediated thoracic remodeling. *Expert Review in Medical Devices* 2007; 4 (3): 283 – 286.

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R Jamshidi, H Lee; Choledochal Cyst Resection in *Essentials in Pediatric Endoscopic Surgery* (A Saxena & M Hollwarth, eds). Springer-Verlag 2008.

R Jamshidi, W Schecter. Biologic dressings for management of enterocutaneous fistulae in the open abdomen. *Archives of Surgery* 2007; 142 (8): 793 – 796.

R Jamshidi, W Schecter; Postoperative Infections in *Emergency Management of Infectious Diseases* (R Chin, ed); pp 381 – 384. Cambridge University Press 2008.

R Jamshidi, W Schecter; Peritonitis in *Emergency Management of Infectious Diseases* (R Chin, ed); pp 53 – 58. Cambridge University Press 2008.

R Jamshidi, F Yao; Viral Hepatitis in *Emergency Management of Infectious Diseases* (R Chin, ed); pp 59 – 64. Cambridge University Press 2008.

R Jamshidi, J Lane; Principles of Vascular Trauma in *Mastery of Vascular and Endovascular Surgery* (Zelenock et al, eds); pp 611 – 618. Lippincott Williams & Wilkins 2005.

R Jamshidi, R Sarkar; Natural History of Venous Disease in *Mastery of Vascular and Endovascular Surgery* (Zelenock et al, eds); pp 519 – 526. Lippincott Williams & Wilkins 2005.

R Jamshidi, G Stiegmann; Portal Hypertension and Esophageal Varices in *Surgical Secrets* 5th ed. (Harken & Moore, eds); pp 151 – 156. Hanley & Belfus 2003.
Also *Surgical Secrets* 6th ed. (A Harken & E Moore, eds); Hanley & Belfus 2008.

H Joshi, R Jamshidi, Y Tor; Conjugated 1,10-phenanthrolines as tunable fluorophores; *Angewandte Chemie Int. Ed.* 1999; 38 (18): 2721-5.

Committees	PCH OR Recycling & Reuse Committee (Co-Founder)	2014 - present
	CHW OR Recycling & Reuse Committee (Co-Founder)	2011 - 2012
	MCW Residency Education Committee	2010 - 2012
	UCSF Academy Medical Educators Advisory Board	2008 - 2009
	American College Surgeons RAS Education Committee	2007 - present
	UCSF Surgery Professionalism Committee	2007 - 2010
	UCSF Graduate Medical Education Council	2006 - 2010
	UCSF Resident Council	2006 - 2010
	UCSF Surgical Education Committee	2003 - 2010
	UCSF Residency Admission Committee	2004 - 2006
	Colorado Medical Society Medical Student Component Vice-Pres	2000 - 2002
	UCSD Chemistry Undergraduate Affairs Committee	1995 - 1998

Patents	Magnetic device for compression enteric anastomoses (patent pending)
	Portable personal videoscopic surgery training platform (patent pending)

Addenda	• Board Certified, General Surgery (American Board of Surgery)
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- Board Certified, Pediatric Surgery (American Board of Surgery)
- Current medical licensure in Arizona, California, Wisconsin, Maine, and New Mexico
- Current DEA certificate
- Instructor, ACS ASSET course (Advanced Surgical Skills for Exposure in Trauma)
- Medical Officer, National Disaster Medical System Team AZ-1
- Current certificates in:
 - Advanced Cardiac Life Support (ACLS)
 - Advanced Trauma Life Support (ATLS)
 - Pediatric Advanced Life Support (PALS)
 - Advanced Wilderness Life Support (AWLS)
 - American College of Surgeons Ultrasound
- Associate Editor, Seminars in Cardiothoracic & Vascular Anesthesia
- Peer reviewer for:
 - Archives of Surgery
 - Archives of Pediatrics & Adolescent Medicine
 - Journal of Graduate Medical Education
 - Wilderness & Environmental Medicine Journal
 - Lippincott, Williams & Wilkins Medical Texts
- Resident advisor, UCSF Student Surgical Interest Group (2007 – 2010)
- Fluent & literate in Spanish and Farsi
- Alpine Patroller & Instructor for Outdoor Emergency Care, National Ski Patrol
- USF Masters Swim Team & Presidio YMCA Water Polo Team (2003 – 2008)
- Competitive Triathlete (Ironman world championship qualifier)
- Denver Water Polo (2000 – 2003)
- Avid traditional & digital photographer