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## **EDUCATION**

- 2011-present      **University of Iowa Carver College of Medicine**, Iowa City, IA  
M.D. Candidate, May 2016.
- 2009-2011        **Case Western Reserve University**, Cleveland, OH  
M.S. in Biomedical Engineering, August 2011.
- 2004-2008        **University of Iowa**, Iowa City, IA  
B.S. in Biomedical Engineering, May 2008.  
Elective Focus Area: Cardiovascular Biomechanics

## **HONORS & AWARDS**

- 2014                **6<sup>th</sup> place at IMS Poster Session**  
2014                **STS Pre-Candidate Membership**  
2013                **Summer Research Fellowship**

## **RESEARCH EXPERIENCE**

- May 2013 - July 2014    **University of Iowa Hospitals and Clinics**, Cardiothoracic Surgery  
PI: Sotiris Stamou, M.D. PhD., Department of Cardiothoracic Surgery  
IRB approved retrospective research aimed at improving surgical outcomes in adult cardiothoracic surgery.
- Fall 2012 – Present      **University of Iowa Hospitals and Clinics**, Pediatric Cardiac Surgery  
PI: Joseph Turek, M.D. PhD., Division of Pediatric Cardiac Surgery  
IRB approved retrospective and prospective research aimed at improving surgical outcomes in both pediatric and adult cardiothoracic surgery.

## **PUBLICATIONS**

- 2015                **Conway BD**, Bates MJ, Hanfland RA, Patel SS, Calcaterra D, Turek JW. A Minimally Invasive, Algorithm-Based Approach For Anomalous Aortic Origin Of A Coronary Artery. *Innovations*. 2015 March-April; 10 (2): 101-5. DOI: 10.1097/IMI.0000000000000135
- 2014                **Conway BD**, Stamou SC, Kouchoukos NT, Lobdell KW, Khabbaz K, Patzelt LW, Hagberg RC. Effects of Gender on Outcomes and Survival Following Repair of Acute Type A Aortic Dissections. *Int J Angiol*. 2015 June; 24 (2):93-98. DOI: 10.1055/s-0034-1396341
- 2014                **Conway BD**, Stamou SC, Kouchoukos NT, Lobdell KW, Khabbaz K, Murphy E, Hagberg RC. Improved Clinical Outcomes and Survival Following Repair of Acute Type A Aortic Dissection in the Current Era. *ICVTS* 2014; 19 (6): 971-6.

- 2014 **Conway BD**, Bates MJ, Hanfland RA, Patel SS, Calcaterra D, Turek JW. (2014, March 17) Novel Application of an Upper Hemi-Sternotomy to AAOCA [Video file]. Retrieved from <http://www.ctsnet.org/article/novel-application-upper-hemi-sternotomy-aaoca>
- 2014 **Conway BD**, Stamou SC, Kouchoukos NT, Lobdell KW, Khabbaz K, Patzelt LW, Hagberg RC. Effects of Hemodynamic Instability on Early Outcomes and Late Survival Following Repair of Acute Type A Aortic Dissection. *Aorta*. 2014 February;2(1):22-7.

### **ABSTRACTS & PRESENTATIONS**

- 2014 Yerkes NS, **Conway BD**, Patel SS, Hanfland RA, Bates MJ, Calcaterra D and Turek JW. (May 28-31, 2014). *A minimally invasive, algorithm-based surgical approach for anomalous aortic origin of a coronary artery*. International Society for Minimally Invasive Cardiothoracic Surgery, Marriott Copley Place, Boston, MA.
- 2014 Stamou SC, **Conway BD**, Kouchoukos NT, Lobdell KW, Khabbaz K, Patzelt LW, Hagberg RC. (April 24-25, 2014). *Effects of Gender on Outcomes and Survival Following Repair of Acute Type A Aortic Dissections*. Presentation On Demand at the 2014 AATS Aortic Symposium, New York Hilton Midtown, New York, NY.
- 2014 **Conway BD**, Turek JW. (April 12, 2014) *Recent Iowa Innovations in Congenital Heart Surgery*. Poster presentation at the 2014 Iowa Medical Society Annual Meeting, Des Moines Marriott, Des Moines, IA.
- 2013 **Conway BD**, Bates MJ, Hanfland RA, Patel SS, Davis JE, Calcaterra D, Turek JW. (September 20, 2013). *A Minimally Invasive, Algorithm-based Approach for AAOCA*. Oral presentation at the 37<sup>th</sup> Annual Midwest Pediatric Cardiology Society Scientific Session, Ann and Robert H. Lurie Children's Hospital of Chicago, Chicago, IL.
- 2013 **Conway BD**, Stamou, SC. (September 6, 2013). *Effects of Gender on Outcomes and Survival Following Repair of Acute Type A Aortic Dissections*. Oral presentation at the 2013 Medical Student Research Day, Carver College of Medicine, Iowa City, IA.

### **LEADERSHIP & VOLUNTEER WORK**

- 2013-2014 **Critical MASS mentor**, Iowa City, IA  
Mentored an undergraduate student who had violated the student code of conduct. I met with the student once a month and talked about making better choices today to ensure a successful future using motivational interviewing techniques.
- February 2013 **STEM Education Group**, Iowa City, IA  
Led a laparoscopy trainer and surgical gowning station for groups of elementary school students over an afternoon at the Carver College of Medicine.

2012-2013

**Iowa Surgical Interest Society Leadership, Vice President**

Elected as a student representative to the surgical interest society at Iowa. Worked to develop and promote events exposing medical students to surgical specialties at the University of Iowa Hospital and Clinics.