

CURRICULUM VITAE

Brett F Duncan, MD

CAMPUS ADDRESS: Department of Surgery-Cardiothoracic Surgery
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EDUCATION

2001 - 2005 BS, Electrical Engineering, University of Illinois at Urbana - Champaign
2006 - 2010 MD, University of Nebraska Medical Center College of Medicine
2013 - 2015 MS, Health Services and Outcomes Research, Northwestern University

POST DEGREE TRAINING

5/2005 - 7/2005 Research Assistant, Department of Surgery, Section of Urology, University of Nebraska Medical Center
12/2005 - 7/2006 Research Assistant, Department of Natural Resources and Environmental Sciences, University of Illinois at Urbana - Champaign
4/2006 - 6/2008 Research Assistant, Department of Internal Medicine, Section of Oncology and Hematology, University of Nebraska Medical Center
2010 - 2017 Resident, General Surgery, McGaw Medical Center of Northwestern University
7/2013 - 6/2015 Research Fellow, Division of Cardiac Surgery, Bluhm Cardiovascular Institute, Northwestern University Feinberg School of Medicine
2017 - 2019 Fellow, Cardiothoracic Surgery, University of Pittsburgh Medical Center
2019 - 2020 Advanced Adult Cardiac Surgery Fellow, Cardiothoracic Surgery, University of Pittsburgh Medical Center

ACADEMIC APPOINTMENTS

2020 - Present Assistant Professor, Surgery - Cardiothoracic Surgery, University of Nebraska Medical Center, Omaha, NE

CERTIFICATIONS AND LICENSES

2018 - Present American Board of Surgery
2019 - Present American Board of Thoracic Surgery
2020 - Present Nebraska Licensed Physician 32768
2021 - Present Iowa Licensed Physician, Iowa, MD-48594

GRANTS AND CONTRACT SUPPORT

ACTIVE

Title: Left Atrial Appendage Exclusion for Prophylactic Stroke Reduction Trial (LeAAPS)
ID Number: duncaCP-2021-05
Funding Agency: AtriCure, Inc.
Project Period: 2023 - 2025
Total Dollars: \$404,269
Direct Cost: \$0
Role: Principal Investigator

HONORS AND AWARDS

2001-2005 Dean's List, University of Illinois at Urbana - Champaign
2001-2005 Electrical and Computer Engineering James Scholar, University of Illinois at Urbana - Champaign
2004-2005 Electrical and Computer Engineering Freshman Scholar, University of Illinois at Urbana - Champaign
2004-2005 College of Engineering T.R. Schlaeder Engineering Scholar, University of Illinois at Urbana - Champaign
2005 Bioengineering Area Award - Senior Design Project, University of Illinois at Urbana - Champaign
2006-2010 University of Nebraska Medical Center Regents Scholar, University of Nebraska Medical Center
2008 Alpha Omega Alpha Honor Medical Society, University of Nebraska Medical Center
2010 Paul E. Hodgson Award-Outstanding Medical Student in Surgery, University of Nebraska Medical Center
2011, 2016, 2017 Resident as Teacher Award, Northwestern General Surgery
2019 TSDA Resident In-Training Examination Award, University of Pittsburgh Medical Center - Cardiothoracic Surgery

MISCELLANEOUS

2005 Invited Participant, 2005 World University Games, Innsbruck, Austria, United States World University Games National Hockey Team
2001 - 2005 Assistant Captain, University of Illinois Men's Hockey Team

PRESENTATIONS

1. Zhang, W; Duncan BF; Hauke, R. STAT3 Phosphorylation induced by Vascular Endothelial Growth Factor is associated with Regulation of Immune Responses by Dendritic Cells. Experimental Biology 2008, San Diego, California, April 2008; 2008 April. San Diego CA
2. Enter, DH; Zaki, A; Duncan BF; Kruse, J; Andrei, AC; Li, Z; Abicht, TO; Russell, HM; Malaisrie, SC; Shah, S; Thomas, JD; McCarthy, PM. A Contemporary Analysis of Pulmonary Hypertension in Patients Undergoing Mitral Valve Surgery: Is this a Risk Factor?. AATS Annual Meeting, Seattle, WA, April 2015; 2015 April. Seattle, WA

PUBLICATIONS

A. ARTICLES PUBLISHED IN SCHOLARLY JOURNALS

1. Malaisrie SC, Duncan BF, Mehta CK, Badiwala MV, Rinewalt D, Kruse J, Li Z, Andrei AC, McCarthy PM. The addition of hemiarth replacement to aortic root surgery does not affect safety. The Journal of thoracic and cardiovascular surgery. 150 : 118-24.e2. 2015
2. Duncan BF, McCarthy PM, Kruse J, Andrei AC, Li Z, Russell HM, Abicht TO, Rigolin VH, Thomas JD, Davidson CJ, Bonow RO, Malaisrie SC. Paravalvular regurgitation after conventional aortic and mitral valve replacement: A benchmark for alternative approaches. The Journal of thoracic and cardiovascular surgery. 150 : 860-8.e1. 2015
3. Enter DH, Zaki A, Duncan BF, Kruse J, Andrei AC, Li Z, Malaisrie SC, Shah SJ, Thomas JD, McCarthy PM. A contemporary analysis of pulmonary hypertension in patients undergoing mitral valve surgery: Is this a risk factor?. The Journal of thoracic and cardiovascular surgery. 151 : 1288-97. 2016

B. ARTICLES ACCEPTED FOR PUBLICATION IN SCHOLARLY JOURNALS

Not Applicable

C. ARTICLES SUBMITTED FOR PUBLICATION IN SCHOLARLY JOURNALS

Not Applicable

D. BOOKS PUBLISHED, IN PREPARATION, SUBMITTED OR IN PRESS

Not Applicable

E. CHAPTERS IN BOOKS

Not Applicable

F. BOOKS OR JOURNALS EDITED

Not Applicable

G. ABSTRACTS AND PRELIMINARY COMMUNICATIONS

Not Applicable

H. PUBLISHED AUDIOVISUAL OR COMPUTER-BASED EDUCATIONAL MATERIALS AND COMPUTER SOFTWARE

Not Applicable

I. PUBLISHED CONTINUING EDUCATION MATERIALS

Not Applicable

J. EDITORIALS

Not Applicable

K. CONFERENCE PROCEEDING

Not Applicable