

Annual Report of the Academic Output of DCRI Clinical Research Fellows

Academic Year: July 2015–June 2016



Duke Clinical Research Institute

FROM THOUGHT LEADERSHIP
TO CLINICAL PRACTICE

CHRISTOPHER FORDYCE, MD, MHS, MSC — CO-CHIEF FELLOW

Training

Medical School (2004–2008): McGill University Faculty of Medicine, Montreal, QC

Residency in Internal Medicine (2008–2011): University of British Columbia, Vancouver, BC

Cardiology Fellowship (2011–2014): University of British Columbia, Vancouver, BC

Clinical Research Fellowship (2014–2016): Duke Clinical Research Institute, Durham, NC

Cardiac Critical Care (2016): Duke University, Durham, NC

Awards/Grants

University of British Columbia Clinician Investigator Program In-Training Grant (2014–2016)

Royal College of Physicians and Surgeons of Canada K.J.R. Wrightman Award for Scholarship in Ethics (2015)

Quantitative Training

Master of Health Sciences in Clinical Research, Clinical Research Training Program, Duke University, Durham, NC

Program in Clinical Effectiveness (2013): Harvard School of Public Health, Boston, MA

NICHOLAS G. WYSHAM, MD — CO-CHIEF FELLOW

Training

Medical School (2005–2009): University of Washington, Seattle, WA

Internal Medicine Residency (2009–2012): Oregon Health and Science University, Portland, OR

Pulmonary and Critical Care Fellowship (2013–2016): Duke University, Durham, NC

Clinical Research Fellowship (2014–2016): Duke Clinical Research Institute, Durham, NC

Awards/Grants

Palliative Care Research Cooperative Investigator Development Pilot Award (2016)

Duke Institute for Health Innovation Award (2015)

Executive Director Pathway Fellows Supplemental Funding Grant (2015)

Research Triangle Visiting Pulmonary Scholar Symposium, Clinical Fellow Abstract Award (2015)

Quantitative Training

Clinical Research Training Program (non-degree): Duke University, Durham, NC

AUSTIN WEI-HONG CHAN, MD

Training

Medical School (2007–2011): Emory University School of Medicine, Atlanta, GA

Internal Medicine Residency (2011–2014): Emory University School of Medicine, Atlanta, GA

Infectious Diseases Fellowship (2014–present): Duke University, Durham, NC

Clinical Research Fellowship (2014–present): Duke Clinical Research Institute, Durham, NC

Awards/Grants

UNC-Duke Collaborative Clinical Pharmacology T32 Postdoctoral Training Program

VTEU-Pharmacokinetics of Antibacterials Administered to Elderly Patients per Standard of Care (POPS_SILVER)

Quantitative Training

Clinical Research Training Program, Candidate for Master of Health Sciences Concentration in Clinical Pharmacology, Duke University, Durham, NC

MEREDITH CLEMENT, MD

Training

Medical School (2007–2011): University of Pennsylvania, Philadelphia, PA

Internal Medicine Residency (2011–2014): Duke University, Durham, NC

Infectious Diseases Fellowship (2014–present): Duke University, Durham, NC

Clinical Research Fellowship (2015–present): Duke Clinical Research Institute, Durham, NC

Awards/Grants

T32 Interdisciplinary Research Training Program in AIDS (2016)

Young Investigator Scholarship, Conference on Retroviruses and Opportunistic Infections (2016)

Executive Director Pathway Fellows Supplemental Funding Grant (2016)

Duke Institute for Health Innovation RFA Recipient (2016)

ID Week Trainee Award (2016)

Quantitative Training

Clinical Research Training Program (certificate): Duke University, Durham, NC

LAUREN B. COOPER, MD, MHS

Training

Medical School (2004–2008): SUNY Downstate College of Medicine, Brooklyn, NY

Internal Medicine Residency (2008–2011): UT Southwestern Medical Center, Dallas, TX

Advanced Heart Failure Fellowship (2011–2012): UT Southwestern Medical Center, Dallas, TX

Clinical Cardiology Fellowship (2012–2016): Duke University, Durham, NC

Clinical Research Fellowship (2014–2016): Duke Clinical Research Institute, Durham, NC

Awards/Grants

NIH T32 Training Grant (2014–2016): Received salary support from the Division of Cardiology
Institutional Training Award

Medtronic-Duke Alliance Investigator Initiated Research Grant (MEDUSA grant) (2015)

Quantitative Training

Clinical Research Training Program, Master of Health Sciences in Clinical Research:
Duke University School of Medicine, Durham, NC

DANIEL J. FRIEDMAN, MD

Training

Medical School (2006–2010): Weill Cornell Medical College, New York, New York

Internal Medicine Residency (2010–2013): Massachusetts General Hospital, Boston, MA

Clinical Cardiology Fellowship (2013–present): Duke University, Durham, NC

Clinical Research Fellowship (2015–present): Duke Clinical Research Institute, Durham, NC

Awards/Grants

National Institutes of Health Loan Repayment Program

National Institutes of Health T32 Training Grant HL069749-13

National Cardiovascular Data Registry Research Grants (2015)

Get With The Guidelines Heart Failure Research Grant (2016)

PATRICIA GUIMARAES, MD

Training

Medical School (2004–2009): Bahiana School of Medicine and Public Health, Salvador, Brazil

Residency in Medicine (2010–2012): University of São Paulo-USP, Ribeirao Preto, Brazil

Cardiology Fellowship: (2012–2014): University of São Paulo-USP, São Paulo, Brazil

Clinical Research Fellowship (2014–2016): Duke Clinical Research Institute, Durham, NC

Awards/Grants

Scholarship from the CNPq-National Board for Development of Science and Technology, of the Ministry for Science and Technology of Brazil (2015–2016)

Quantitative Training

PhD Candidate: University of São Paulo, São Paulo, Brazil

JACOB KELLY, MD

Training

Medical School (2004–2008): University of Colorado, Aurora, CO

Residency in Medicine (2008–2011): UT Southwestern Medical Center, Dallas, TX

Chief Residency in Medicine (2011–2012): UT Southwestern Medical Center, Dallas TX

Cardiology Fellowship (2012–2017): Duke University, Durham, NC

Clinical Research Fellowship (2014–2016): Duke Clinical Research Institute, Durham, NC

Awards/Grants

NIH Ruth L. Kirschstein NRSA Institutional Research Training Grant (2014–2016)

Agency for Healthcare Research and Quality Centers for Effectiveness and Research in Therapeutics (CERTs) (2015)

St. Jude Medical-Duke Strategic Alliance Research Program (SD-STAR) Grant (2015–2016)

Duke Institute for Health Innovations (2015–2016)

BD-STAR (2016)

Executive Director Pathway Fellows Supplemental Funding Grant (2015)

Quantitative Training

Clinical Research Training Program, Master of Health Sciences in Clinical Research (anticipated 2016):

Duke University School of Medicine, Durham, NC

DCRI Certificate Business Healthcare Academy

NANCY LUO, MD

Training

Medical School (2005–2009): UT Southwestern Medical School, Dallas, TX

Internal Medicine Residency (2009–2012): University of Chicago, Chicago, IL

Cardiology Fellowship (2013–present): Duke University, Durham, NC

Clinical Research Fellowship (2015–present): Duke Clinical Research Institute, Durham, NC

Awards/Grants

AHA Young Investigator Database Grant (2015)

Quantitative Training

Clinical Research Training Program: Duke University, Durham, NC

JULIA A. MESSINA, MD, MSC

Training

Medical School (2006–2010): Virginia Commonwealth University, Richmond, VA

Internal Medicine Residency (2010–2010): Virginia Commonwealth University, Richmond, VA

Infectious Disease Fellowship (2013–2014): Duke University, Durham, NC

Clinical Research Fellowship (2014–2016): Duke Clinical Research Institute, Durham, NC

Awards/Grants

ID Week Travel Grant (2014)

Infectious Diseases Society of America Travel Award (2015)

1st Symposium on Infectious Disease in the Immunocompromised Host, University of Washington, Travel Stipend (2016)

Quantitative Training

Clinical Research Training Program, Master of Health Sciences in Clinical Research (anticipated 2017): Duke University School of Medicine, Durham, NC

ANN MARIE NAVAR, MD, MHS, PHD

Training

Medical School (2005–2009): Duke University, Durham, NC

Internal Medicine and Pediatrics Residency (2009–2013): Duke University, Durham, NC

Cardiovascular Disease Fellowship (2013–2016): Duke University, Durham, NC

Clinical Research Fellowship (2014–2016): Duke Clinical Research Institute, Durham, NC

Awards/Grants

1 K01 HL133416-01 (2016)

Quantitative Training

Master of Health Sciences (2005): Johns Hopkins University, Baltimore, MD

PhD (2009): Johns Hopkins University, Baltimore, MD

ROBERT E. OLIVO, MD

Training

Medical School (2007–2011): SUNY Stony Brook School of Medicine, Stony Brook, NY

Internal Medicine Residency (2011–2014): Vanderbilt University, Nashville, TN

Clinical Fellowship in Nephrology (2014–present): Duke University, Durham, NC

Clinical Research Fellowship (2015–present): Duke Clinical Research Institute, Durham, NC

Awards/Grants

NIH T32 Institutional Training Grant (2015–2017): Duke University, Division of Nephrology

American Society of Nephrology Kidney Week Travel Grant Recipient (2015)

Duke Nephrology, Chief Fellow (2015–2016)

Mid-Atlantic Nephrology Young Investigators Forum (2016): First Place

National Nephrology Young Investigators Forum (2016): Finalist

National Kidney Foundation Spring Clinical Meetings (2016): Top Poster Presentation Award

Quantitative Training

Clinical Research Training Program, Master of Health Sciences in Clinical Research (anticipated 2017):

Duke University School of Medicine, Durham, NC

NEHA PAGIDIPATI, MD, MPH

Training

Medical School (2004–2008): Harvard Medical School, Boston, MA

Internal Medicine Residency (2008–2011): Brigham and Women’s Hospital, Boston, MA

Global Women’s Health Research Fellowship (2011–2013): Brigham and Women’s Hospital, Boston, MA

Clinical Fellowship in Cardiology (2013–2015): Duke University, Durham, NC

Clinical Research Fellowship (2015–present): Duke Clinical Research Institute, Durham, NC

Awards/Grants

Executive Director Pathway Fellows Supplemental Funding Grant (2016)

KISHAN PARIKH, MD

Training

Medical School (2005–2009): Northwestern University Feinberg School of Medicine, Chicago, IL

Internal Medicine Residency (2009–2012): University of Chicago, Chicago, IL

Chief Residency (2012–2013): University of Chicago, Chicago, IL

Clinical Fellowship (2013–2015): Duke University, Durham, NC

Chief Fellowship (2016–2017): Duke University, Durham, NC

Clinical Research Fellowship (2015–present): Duke Clinical Research Institute, Durham, NC

Awards/Grants

Duke Institute for Health Innovation Award (2015)

United Therapeutics Data Query Initiative (2015)

St. Jude Medical-Duke Strategic Alliance Research Program (SD-STAR) Grant (2015)

Best Overall Poster Presentation, American College of Cardiology Conference, Chicago, IL (2016)

Best Poster Presentation among Fellows-in-Training, American College of Cardiology Conference, Chicago, IL (2016)

Quantitative Training

Clinical Research Training Program, Master of Health Sciences in Clinical Research (anticipated 2017):

Duke University School of Medicine, Durham, NC

Master’s degree in Clinical Pharmacology/Health Sciences (anticipated 2017):

UNC School of Pharmacy, Chapel Hill, NC

TIFFANY C. RANDOLPH, MD, MHA

Training

Medical School (2005–2009): Harvard Medical School, Boston, MA

Residency in Internal Medicine (2009–2012): Duke University, Durham, NC

Cardiology Fellowship (2012–2016): Duke University, Durham, NC

Clinical Research Fellowship (2014–2016): Duke Clinical Research Institute, Durham, NC

Awards/Grants

NIH T32 Training Grant (2014–2016): Received salary support from the Division of Cardiology Institutional Training Award

NIH Loan Repayment Award (2014–2016): Received medical education loan repayment for research in health disparities

Duke Disparities Research Colloquium (2015): Best Abstract

Executive Director Pathway Fellows Supplemental Funding Grant (2016)

Quantitative Training

Master's degree in Healthcare Administration (2014–2016): University of North Carolina, Chapel Hill, NC

ABHINAV SHARMA, MD, FRCPC

Training

Medical School (2006–2009): M.G. DeGroot School of Medicine, McMaster University, Hamilton, Canada

Internal Medicine Fellowship (2009–2012): McMaster University, Hamilton, Canada

Cardiology Fellowship (2012–2015): University of Alberta, Edmonton, Canada

PhD Candidate (2013–2017): University of Alberta, Edmonton, Canada

Clinical Research Fellowship (2014–present): Duke Clinical Research Institute, Durham, NC

Awards/Grants

American Heart Association Young Investigator Research Seed Grant (2016)

European Society of Cardiology Young Investigator Research Award (2016)

Executive Director Pathway Fellows Supplemental Funding Grant (2016)

Cardiovascular Clinical Trialist (CVCT) Young Investigator Travel Award (2015)

Alberta Innovates Health Services Clinician Fellowship Research Grant (2015–2017)

Heart Failure Society of America Resident Research Young Investigator Research Grant (2015)

JOHN W. STANIFER, MD, MSC

Training

Medical School (2006–2010): University of Tennessee, College of Medicine, Memphis, TN
Internal Medicine and Global Health Residency (2010–2014); Duke University, Durham, NC
Clinical Nephrology Fellowship (2014–present): Duke University, Durham, NC
Clinical Research Fellowship (2015–present): Duke Clinical Research Institute, Durham, NC

Awards/Grants

Executive Director Pathway Fellows Supplemental Funding Grant (2016–2017)
American Kidney Fund (AKF)-Amgen Clinical Scientist in Nephrology Fellowship (2015–2016)
American Kidney Fund (AKF)-Amgen Clinical Scientist in Nephrology Fellowship (2016–2017)
Duke Global Health Institute and Trinity College Student Research Training Program Preceptor Award: Improving Outcomes for Chronic Kidney Disease in Southeastern North Carolina (2015–2016)
Duke University Bass Connections Program: Spirituality, Self-management, and Chronic Disease among Ethnic Groups of Robeson County, North Carolina (2016–2017)

Quantitative Training

MSc, Epidemiology. London School of Hygiene and Tropical Medicine, University of London, London, UK (anticipated 2017)

AMIT N. VORA, MD, MPH

Training

Medical School (2004–2009): Johns Hopkins University, Baltimore, MD
Residency (2009–2012): Brigham and Women's Hospital, Boston, MA
Clinical Fellowship (2012–2014): Duke University, Durham, NC
Clinical Research Fellowship (2014–2016): Duke Clinical Research Institute, Durham, NC

Awards/Grants

T32 Training Grant (2014–2016)
National Cardiovascular Data Registry Travel Award, American College of Cardiology Scientific Sessions (2015)

Quantitative Training

Master of Public Health (2009): Harvard School of Public Health, Cambridge, MA

ALICE WANG, MD

Training

Medical School (2008–2013): Duke University, Durham, NC

Internal Medicine Residency (2013–2020): Duke University, Durham, NC

Clinical Research Fellowship (2014–2016): Duke Clinical Research Institute, Durham, NC

Awards/Grants

NIH Loan Repayment Grant (2015–2017)

Quantitative Training

Clinical Research Training Program: Duke University, Durham, NC

MELISSA WELLS, MD

Training

Medical School (2006–2010): University of Kansas, Kansas City, KS

Residency in Internal Medicine (2010–2013): Mayo Clinic, Rochester, MN

Clinical Fellowship in Rheumatology (2013–2016): Duke University, Durham, NC

Clinical Research Fellowship (2014–2016): Duke Clinical Research Institute, Durham, NC

Quantitative Training

Clinical Research Training Program: Duke University, Durham, NC (2015)

TUNDE YEROKUN, MD

Training

Medical School (2009–2013): Pritzker School of Medicine, University of Chicago, IL

Residency in General Surgery (2013–present): Duke University, Durham, NC

Clinical Research Fellowship (2015–present): Duke Clinical Research Institute, Durham, NC

Quantitative Training

Clinical Research Training Program: Duke University, Durham, NC

Training

Medical School (2004–2008): Emory University, Atlanta, GA

Internal Medicine Residency (2008–2011): Massachusetts General Hospital, Boston, MA

Cardiovascular Fellowship (2012–present): Duke University, Durham, NC

Clinical Research Fellowship (2014–present): Duke Clinical Research Institute, Durham, NC

Awards/Grants

NIH T32 Training Grant (2014–present): Division of Cardiovascular Diseases

Medtronic-Duke Alliance Investigator Initiated Research Grant (MEDUSA grant): 2015

National Cardiovascular Devices Registry/American College of Cardiology Foundation Travel Award for the Annual Scientific Sessions (2015)

American Heart Association Women in Cardiology Trainee Award (2016)

Duke Institute for Health Innovation Award (2016)

Quantitative Training

Clinical Research Training Program, Master of Health Sciences Degree:
Duke University School of Medicine, Durham, NC

PUBLISHED MANUSCRIPTS AND BOOK CHAPTERS

- 1** Ahmad T, **Kelly JP**, McGarrah RW, Hellkamp AS, Fiuzat M, Testani JM, Wang TS, Verma A, Samsky MD, Donahue MP, Ilkayeva OR, Bowles DE, Patel CB, Milano CA, Rogers JG, Felker GM, O'Connor CM, Shah SH, Kraus WE. Prognostic implications of long-chain acylcarnitines in heart failure and reversibility with mechanical circulatory support. *J Am Coll Cardiol*. 2016 Jan;67(3):291–9.
- 2** Ahmadi Z, **Wysham NG**, Lundstrom S, Janson C, Currow DC, Ekstrom M. End of life care in oxygen-dependent ILD compared to lung cancer: A national population-based study. *Thorax*. 2016 Feb;1(6):510–6. doi: 10.1136/thoraxjnl-2015-207439. Epub 2016 Feb 10.
- 3** Anderson ML, Griffin J, Goldkind S, **Zeitler EP**, Wing L, Al-Khatib SM, Sherman RE. Examining the Food and Drug Administration's role in pragmatic clinical trials of marketed medical products. *Clin Trials*. 2015 Oct;12(5):511–9. PubMed 26374684.
- 4** Bergin SP, Thaden J, Ericson JE, Cross H, **Messina JA**, Clark RH, Fowler V., Benjamin DK, Hornik CP, Smith PB. Neonatal Escherichia coli bloodstream infections: Clinical outcomes and impact of initial antibiotic therapy. *Pediatr Infect Dis J*. 2015 Sep;34(9):933–6. doi: 10.1097/INF.0000000000000769. Epub ahead of print 2015 Jun 10.
- 5** Berlon NR, Qi R, Sharma-Kuinkel BK, Joo HS, Park LP, George D, Thaden JT, **Messina JA**, Maskarinec S., Mueller-Premru M, Athan E, Tattavin P, Pericas JM, Woods CW, Otto M, Fowler VG. Clinical MRSA isolates from skin and soft tissue infections show increased in vitro production of phenol soluble modulins. *J Infect*. 2015 Jun 14. pii: S0163-4453(15)00200–5.
- 6** **Chan A**, Patel Y, Choi S. Aging of the Liver: What this means for patients with HIV. *Current HIV/AIDS Reports*. 2016 Dec;13(6):309–17. doi:10.1007/s11904-016-0332-x
- 7** Chow R, **Fordyce CB**, Gao M, Chan S, Gin K and Bennett MT. The significance of early post-exercise ST segment normalization. *J Electrocardiol*. 2015 Sep–Oct;48(5):803–8. doi: 10.1016/j.jelectrocard.2015.06.007. Epub ahead of print 2015 Jun 25.
- 8** **Clement ME**, Hicks CB. Syphilis on the rise: what went wrong? *JAMA*. 2016 Jun;315(21):2281–3. doi: 10.1001/jama.2016.7073.
- 9** **Clement ME**, Okeke NL, Hicks CB. Fever and rash in a patient with hepatitis. *JAMA*. 2015 Jul;314(4):400–1. doi: 10.1001/jama.2015.3401
- 10** **Clement ME**, Park LP, **Navar AM**, Okeke NL, Pencina MJ, Douglas PS, Naggie S. Statin utilization and recommendations among HIV and HCV-infected veterans: A cohort study. *Clin Infect Dis*. 2016 Aug;63(3):407–13. doi: 10.1093/cid/ciw289. Epub ahead of print 2016 May 3.
- 11** **Clement ME**, Maziarz KM, Schroder JN, Patel CB, Perfect JR. Scedosporium apiospermum infection of the “native” valve: Fungal endocarditis in an orthotopic heart transplant recipient. *Med Mycol Case Rep*. 2015 Jul;9:34–6. doi: 10.1016/j.mmcr.2015.07.005. eCollection 2015 Sep.
- 12** **Cooper LB**, Bellam N, Vaduganathan M, for the JACC: Heart Failure Fellows. Educating the next generation of peer-reviewers. *J Am Coll Cardiol*, 2016 May;67(17):2079–82.
- 13** **Cooper LB**, **DeVore AD**, Felker GM. The impact of worsening heart failure in the United States. *Heart Fail Clin*. October 2015;11(4):603–614.
- 14** **Cooper LB**, Doll JA, **Kelly JP**, McGarrah RW, **Randolph TC**, Sivak JA, **Vora AN**, **Zeitler EP**. A company of equals: Success through friendship in fellowship. *J Am Coll Cardiol*. 2015; 66(5):589–591.
- 15** **Cooper LB**, Hammill BG, Peterson ED, Pitt B, Maciejewski ML, Curtis LH, Hernandez AF. Consistency of laboratory monitoring during initiation of mineralocorticoid receptor antagonists in heart failure. *JAMA*. November 2015;314(18):1973–5.
- 16** **Cooper LB**, Hammill BG, Sharma PP, **DeVore AD**, Mentz RJ, Fonarow GC, Pang PS, Curtis LH, Hernandez AF. Differences in health care utilization and outcomes based on timing of in-hospital worsening heart failure. *Am Heart J*. December 2015;170(6):1124–1132.
- 17** **Cooper LB**, Hernandez AF. Assessing the quality and comparative effectiveness of team-based care for HF: Who, what, where, when, and how. *Heart Fail Clin*. 2015 Jul;11(3):499–506.

- 18 **Cooper LB**, Lu D, Mentz RJ, Rogers JG, Milano CA, Felker GM, Hernandez AF, Patel CB. Cardiac transplantation for older patients: Characteristics and outcomes in the septuagenarian population. *J Heart Lung Transplant*. 2016 Mar;35(3):362–369.
- 19 **Cooper LB**, Mentz RJ. COPD in Heart Failure: Are there long-term implications following acute heart failure hospitalization? *Chest*. 2015 Mar;147(3):586–8.
- 20 **Cooper LB**, Stevens SR, Mentz RJ, Patel CB, Felker GM, Lombardi C, Metra M, Stevenson LW, O'Connor CM, Milano CA, Rogers JG. Hemodynamic predictors of heart failure morbidity and mortality: Fluid or flow? *J Card Fail*. March 2016;22(3):182–189.
- 21 **Cooper LB**, Sun JL, Mentz RJ, Fleg JL, Cooper LS, Pina IL, Leifer E, Kraus WE, Whellan D, Keteyian S, O'Connor CM. Psychosocial factors and exercise adherence in heart failure patients: Insights from HF-ACTION. *Circ Heart Fail*. 2015 Nov;8:1044–1051.
- 22 Cox CE, **Wysham NG**. Untangling health trajectories among patients with sepsis. *Annals of the American Thoracic Society*. 2015 Jun;12(6):796–797. PMID 26075553
- 23 Cox CE, **Wysham NG**, Kamal AH, Jones DM, Cass B, Tobin M, White DB, Kahn JM, Hough CL, Carson SS. Usability Testing of an Electronic Patient-Reported Outcome System for Survivors of Critical Illness. *Am J Crit Care*. 2016 Jul;25(4):340–9. doi: 10.4037/ajcc2016952.
- 24 Cox CE, **Wysham NG**, Walton B, Jones D, Cass B, Tobin M, Jonsson M, White DB, Hough CL, Kahn JM, Lewis CL, Carson SS. Development and user testing of a web-based decision-aid for families of patients receiving prolonged mechanical ventilation. *Ann Intensive Care*. 2015 Mar;5:6. doi: 10.1186/s13613-015-0045-0. eCollection 2015.
- 25 Czobor P, Venturini J, **Parikh KS**, Retzker EM, Friant J, Jeevanandam V, Russo MJ, Uriel N, Paul JD, Blair JE, Nathan S, Shah AP. Sequential organ failure assessment score at presentation predicts survival in patients treated with percutaneous veno-arterial extracorporeal membrane oxygenation. *J Invasive Cardiol*. 2016 Apr;28(4):133–8. Epub 2016 Feb 15.
- 26 **DeVore AD**, Schulte PJ, Mentz RJ, Hardy NC, **Kelly JP**, Velazquez EJ, Maya JF, Kielhorn A, Patel HK, Reed SD, Hernandez AF. Relation of elevated heart rate in patients with heart failure with reduced ejection fraction to one-year outcomes and costs. *Am J Cardiol*. 2016 Mar;117(6):946–51.
- 27 Douglas PS, Hoffmann U, Patel MR, Mark DB, Al-Khalidi HR, Cavanaugh B, Cole J, Dolor RJ, **Fordyce CB**, Huang M, Khan MA, Kosinski AS, Krucoff, MW, Malhotra V, Picard MH, Udelson MH, Velazquez EJ, Yow E, Lawton Cooper LS, and Lee KL on behalf of the PROMISE Investigators. Outcomes of anatomical versus functional testing for coronary artery disease. *N Engl J Med*. 2015 Apr;372(14):1291–300.
- 28 Eapen ZJ, **Kelly JP**. Back to the future with intravenous diuretics: Reinvigorating an old treatment through new care settings. *JACC Heart Fail*. 2016 Jan;4(1):9–11.
- 29 Fadahunsi O, Olowoyeye A, Ukaigwe A, Li Z, **Vora AN**, Vemulapalli S, Elgin E, Donato A. Incidence, Predictors, and Outcomes of Permanent Pacemaker Implantation Following Transcatheter Aortic Valve Replacement: Analysis From the U.S. Society of Thoracic Surgeons/American College of Cardiology TVT Registry. *JACC Cardiovasc Interv*. 2016 Nov 14;9(21):2189–2199. doi: 10.1016/j.jcin.2016.07.026.
- 30 **Fordyce CB**, Cairns JA, Singer J, Lee T, Park JE, Vandegriend RA, Perry M, Largy W, Gao M, Ramanathan K, Wong GC. Evolution and impact of a reperfusion system for ST-elevation myocardial infarction. *Can J Cardiol*. 2015 Dec;32(10):1222–30. doi: 10.1016/j.cjca.2015.11.026.
- 31 **Fordyce CB**, Douglas PS. Optimal test selection for the diagnosis of coronary artery disease in patients with stable chest pain. *Heart*. 2016 Apr;102(7):555–64.
- 32 **Fordyce CB**, Gersh BJ, Stone GW, and Granger CB. Novel therapeutics in myocardial infarction: Targeting microvascular dysfunction and reperfusion injury. *Trends Pharmacol Sci*. 2015 Sep;36(9):605–16.
- 33 **Fordyce CB**, Granger CB. ACP Journal Club. Adding ezetimibe to simvastatin improved cardiovascular outcomes in stable acute coronary syndrome. *Ann Intern Med*. 2015 Sep;163(6):JC7.
- 34 **Fordyce CB**, Newby DN, Douglas PS. Diagnostic strategies for the evaluation of chest pain: clinical and practical implications from SCOT-HEART and PROMISE. *JACC*. 2016 Feb;67(7):843–52.

- 35 Fordyce CB**, Roe MT, Ahmad T, Libby P, Borer JS, Hiatt WR, Bristow MR, Packer M, Wasserman SM, Braunstein N, Pitt B, DeMets DL, Cooper-Arnold K, Armstrong PW, Berkowitz SD, Scott R, Prats J, Galis ZS, Stockbridge N, Peterson ED, Califf RM. Cardiovascular drug development: Is it dead or just hibernating? *JACC*. 2015 Apr;65(15):1567–82.
- 36 Fordyce CB**, Wang TY, Chen AY, Thomas L, Granger CB, Scirica BM, Henry TD, Wong GC, Ramanathan K, Peterson ED, Anderson ML. Long-term post-discharge risks in older survivors of myocardial infarction with and without out-of-hospital cardiac arrest. *JACC*. 2016 May;67(17):1981–90.
- 37 Friedman DJ**, Al-Khatib SM. Measuring quality in electrophysiology. *J Interv Card Electrophysiol*. 2016 Oct;47(1):5–10. Epub 2016 Mar 3.
- 38 Friedman DJ**, Singh JP, Curtis JP, Tang WH, Bao H, Spatz ES, Hernandez AF, Patel UD, Al-Khatib SM. Comparative effectiveness of cardiac resynchronization therapy with defibrillator versus defibrillator alone in heart failure patients with moderate to severe chronic kidney disease. *JACC*. 2015 Dec;66(23):2618–29.
- 39 Galloway-Peña J, Clement ME**, Sharma Kuinkel BK, Ruffin F, Flores AR, Levinson H, Shelburne SA, Moore Z, Fowler VG Jr. Application of whole genome sequencing to an unusual outbreak of invasive group A streptococcal disease. *Open Forum Infect Dis*. 2016 Feb;3(1):ofw042. doi: 10.1093/ofid/ofw042. eCollection 2016 Jan.
- 40 Goldstein BA, Navar AM**, Pencina MJ, Ioannidis JPA. Opportunities and challenges in developing risk prediction models with electronic health records data: A systematic review. *J Am Med Inform Assoc*. 2017 Jan;24(1):198–208. doi: 10.1093/jamia/ocw042. Epub 2016 May 17.
- 41 Guimarães PO**, Sun JL, Kragholm K, Shah S H, Pieper KS, Kraus WE, Hauser ER, Granger CB, Newby LK. Association of standard clinical and laboratory variables with red blood cell distribution width (RDW). *Am Heart J*. Apr;174:22–8, 2016.
- 42 Guimarães PO**, Kaatz S, Lopes RD. Practical and clinical considerations in assessing patients with atrial fibrillation for switching to non-vitamin K antagonist oral anticoagulants in primary care. *Int J Gen Med*. 2015 Sep;8:283–91. doi: 10.2147/IJGM.S62760. eCollection 2015.
- 43 Guimarães PO**, Tricoci P. Ticagrelor, prasugrel, or clopidogrel in ST-segment elevation myocardial infarction: Which one to choose? *Expert Opin Pharmacother*. 2015;16(13):1983–95. doi: 10.1517/14656566.2015.1074180. Epub 2015 Jul 29.
- 44 Gulack BC**, Jeffrey Yang CF, Speicher PJ, Yerokun BA, Tong BC, Onaitis MW, D’Amico TA, Harpole DH Jr, Hartwig MG, Berry MF. A risk score to assist selecting lobectomy versus sublobar resection for early stage non-small cell lung cancer. *Ann Thorac Surg*. 2016 Dec;102(6):1814–1820. doi: 10.1016/j.athoracsur.2016.06.032. Epub 2016 Sep 1.
- 45 Hansen CM**, Kragholm K, Pearson DA, Tyson C, Monk L, Corbett C, Nelson RD, Dupre ME, Fosbøl EL, Granger CB, Strauss B, Fordyce CB, McNally B, and Jollis JG. The role of bystanders, first responders and emergency medical service providers in timely defibrillation and related outcomes after out-of-hospital cardiac arrest: Results from a statewide quality improvement database. *Resuscitation*. 2015 Nov;96:303–9. doi: 10.1016/j.resuscitation.2015.09.002. Epub 2015 Sep 16.
- 46 Hemal K, Pagidipati NJ**, Coles A, Dolor RJ, Mark DB, Pellikka PA, Hoffmann U, Litwin SE, Daubert MA, Shah SH, Ariani K, Bullock-Palmer RP, Martinez B, Lee KL, Douglas PS. Sex differences in demographics, risk factors, presentation, and noninvasive testing in stable outpatients with suspected coronary artery disease: Insights from the PROMISE trial. *JACC Cardiovasc Imaging*. 2016; 9 (4): 337–46.
- 47 Hunter WC, Kelly JP**, McGarrah RW 3rd, Kraus WE, Shah SH. Metabolic dysfunction in heart failure: Diagnostic, prognostic, and pathophysiologic insights from metabolomic profiling. *Curr Heart Fail Rep*. 2016 Jun;13(3):119–31.
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MANUSCRIPTS AND BOOK CHAPTERS ACCEPTED FOR PUBLICATION

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ABSTRACTS PRESENTED

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