

# CURRICULUM VITAE

## David B Berkheim, MD

**CAMPUS ADDRESS:** Department of Surgery-Cardiothoracic Surgery  
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### EDUCATION

2003 - 2005 BS, Biochemistry, University of Nebraska at Lincoln, Lincoln, NE  
2007 - 2011 MD, University of Nebraska Medical Center, Omaha, NE

### POST DEGREE TRAINING

2011 - 2012 Internship, General Surgery Preliminary Year, University of Washington Medical Center, Seattle, WA  
2012 - 2016 Categorical, General Surgery, Christiana Care Health Systems, Newark, DE  
2014 - 2014 General Thoracic Surgery Rotation, Cardiothoracic Surgery, Washington University, St. Louis, MO  
7/2016 - 6/2018 Fellowship, Cardiothoracic Surgery, University of Nebraska Medical Center, Omaha, NE

### ACADEMIC APPOINTMENTS

2023 - Present Medical Director, Thoracic Oncology Service Line, University of Nebraska Medical Center, Omaha, NE  
2018 - Present Assistant Professor, Cardiothoracic Surgery, University of Nebraska Medical Center, Omaha, NE

### CERTIFICATIONS AND LICENSES

2016 TSDA Boot Camp, Chapel Hill, NC  
2017 UPMC Donor Heart and Lung Procurement Simulation Lab, San Diego, CA  
2012 - Present Fundamental Critical Care Support  
2013 - Present Fundamentals of Laparoscopic Surgery  
2014 - Present Advanced Surgical Skills for Exposure in Trauma  
2015 - Present Advanced Trauma Operative Management  
2016 - Present Fundamentals of Endoscopic Surgery  
2016 - Present Advanced Trauma Life Support  
2017 - Present American Board of Thoracic Surgery 62364  
2017 - Present American Board of Surgery 62364  
2016 - Present Medical License Nebraska, 29477

## GRANTS AND CONTRACT SUPPORT

### NON-SPONSORED / OUTSIDE GRANTS INFORMATION

Title: Integrated Cancer Repository for Cancer Research (iCaRe2)  
Funding Agency:  
Institution: University of Nebraska Medical Center  
Project Period: 2018 - 0  
Total Dollars: \$0  
Direct Cost: \$0  
Role: PI - Thoracic Oncology portion of database

Title: A Phase II, Open-Label, Multicenter Study Evaluating the Safety and Efficacy of Neoadjuvant and Adjuvant Tiragolumab Plus Atezolizumab, With or Without Platinum-Based Chemotherapy, in Patients with Previously Untreated Locally Advanced Resectable Stage II  
ID Number: G042501  
Funding Agency: F. Hoffmann-La Roche Ltd  
Project Period: 2023 - 0  
Total Dollars: \$0  
Direct Cost: \$0  
Role: Institutional PI

### HONORS AND AWARDS

2015 Resident of the Month, Christiana Care Health Systems, Newark, DE  
2023 Provider of the Quarter, Progressive Care Unit, University of Nebraska Medical Center, Omaha, NE

### MEMBERSHIPS AND OFFICES IN PROFESSIONAL SOCIETIES

2007 - 2008 Student Senate Member, University of Nebraska Medical Center  
2011 - Present Resident and Associate, Society of the American College of Surgeons  
2016 - Present Candidate Member, The Society of Thoracic Surgeons  
2016 - Present Member, Nebraska Medical Association  
2018 - 2019 Resident Member, International Society for Heart and Lung Transplantation  
2023 - Present Member, International Society for Heart and Lung Transplantation

### COMMITTEE ASSIGNMENTS

#### LOCAL/REGIONAL

2019 - Present Cancer Liaison Physician, Commission on Cancer, American College of Surgeons

#### UNMC

2019 - Present Patient Selection Committee Member for Lung Transplantation, University of Nebraska Medical Center, Omaha, NE

2020 - Present Scientific Review Committee Member, University of Nebraska Medical Center, Omaha, NE  
2022 - Present Ambulatory Quality Committee Member, University of Nebraska Medical Center, Omaha, NE

## MISCELLANEOUS

2015 - 2016 Care for the Caregiver, This was a designated resident position in the department of surgery to be available to talk if a fellow surgical resident was having difficulty dealing with a poor patient outcome or complication., Christiana Care Health Systems  
2019 - Present Peer Reviewer, Cardiothoracic Journal Club, University of Nebraska Medical Center, Omaha, NE

## PRESENTATIONS

1. Berkheim D; Nicholas IV TA; Moulton MJ; Strah, H.; Siddique A. Pain Pathway in Lung Transplantation is Associated with Excellent Peri-Operative Outcomes: A Case Series. International Society for Heart & Lung Transplantation; 2017 April 05. San Diego
2. Luksan AS; Berkheim D; Siddique A; Um JY; Moulton MJ; Merritt-Genore HL. Time is on Your Side: A Comparison of OR Times with ECMO Survival in Post Cardiectomy Patients. ISHLT; 2018. Nice France
3. Moulton MJ; Kwapnoski ZJ; Berkheim D; Merritt-Genore HL. Obesity's Effect on ECMO Outcomes. Society of Thoracic Surgeons; 2019 Jan 2019. San Diego, CA
4. M. Urban; J. Boudreaux; H.M. Strah; B. Small; Berkheim D; M. Moulton; F. Wilson; A. Siddique. Impact of Mobile Ex Vivo Lung Perfusion on Lung Transplant Finances. International Society of Heart and Lung Transplantation Annual Scientific Sessions; 2021. Virtual
5. Lizalek J; Aylward P; Berkheim D. Tick or Tack? Recurrence of Pulmonary Mucosa-associated Lymphoid Tissue (MALT) Lymphoma following Lyme Disease. 2022. San Francisco, CA
6. Free NW; Schissel ME; Urban M; Berkheim D; Small B; Strah HM; Siddique A. Is Pre-Lung Transplant Evaluation of Physical Performance and Frailty Correlated with Post-Transplantation Lung Function?. ISHLT 42nd Annual Meeting and Scientific Sessions; 2022. Boston, MA
7. Free NW; Schissel ME; Urban M; Berkheim D; Small B; Strah HM; Siddique A. Does Pre-Lung Transplant Grip Strength Correlate with Post-Transplant Lung Function in the First Year?. ISHLT 42nd Annual Meeting and Scientific Sessions; 2022

## PUBLICATIONS

### A. ARTICLES PUBLISHED IN SCHOLARLY JOURNALS

1. Zera AJ, Newman S, Berkheim D, Black C, Klug L, Crone E. Purification and characterization of cytoplasmic NADP+-isocitrate dehydrogenase, and amplification of the NADP+-IDH gene from the wing-dimorphic sand field cricket, *Gryllus firmus*. *Journal of insect science* (Online). 11 : 53. 2011
2. Bauer, T; Berkheim D. Bronchoscopy: Diagnostic and Therapeutic for Non-Small Cell Lung Cancer. *Surgical oncology clinics of North America*. 2016 Jul; Elsevier. Vol. 25 (3): p. 481-491. 1055-3207
3. Boudreaux JC; URBAN, M; Berkheim DB; Moulton MJ; Small BL; Strah HM; Siddique A. Combination plate and band fixation for primary closure in bilateral lung transplantation. *Journal of cardiac surgery*. 2021; Vol. 36 (9) 0886-0440
4. Boudreaux JC, Urban M, Berkheim DB, Moulton MJ, Small BL, Strah HM, Siddique A. Combination plate and band fixation for primary closure in bilateral lung transplantation. *Journal of cardiac surgery*. 36 : 3085-3091. 2021
5. Rohr JM, Strah H, Berkheim D, Siddique A, Radio SJ, Swanson BJ. Pulmonary Hypertensive Changes Secondary to COVID-19 Pneumonia in a Chronically SARS-CoV-2-Infected Bilateral Lung Explant. *International journal of surgical pathology*. 30 : 443-447. 2021

6. Urban M, Castleberry AW, Markin NW, Chacon MM, Strah HM, Um JY, Berkheim D, Merani S, Siddique A. Successful lung transplantation with graft recovered after thoracoabdominal normothermic perfusion from donor after circulatory death. *American journal of transplantation : official journal of the American Society of Transplantation and the American Society of Transplant Surgeons*. 22 : 294-298. 2022
7. Shah VN, Berkheim DB, Lackner RP, Trujillo KP. Photodynamic therapy with cryotherapy for endobronchial typical carcinoid. *JTCVS techniques*. 15 : 161-163. 2022

**B. ARTICLES ACCEPTED FOR PUBLICATION IN SCHOLARLY JOURNALS**

1. Zera, AJ; Newman, S; Berkheim D; Black, C; Klug, L; Crone, E. Purification and Characterization of Cytoplasmic NADP (+) - IDH Gene from the Wing-Dimorphic Sand Field Cricket, *Gryllus firmus*. *Journal of insect science (Online)*. 2011
2. Bauer, T; Berkheim D. Invited commentary on "Thoraco-pleuro-pneumonectomy (TPP) with riblike reconstruction for recurrent thoracic sarcomas" by A. Gronchi et al. *Annals of Surgical Oncology*. 2014; p. 1515-1516

**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**

1. Lizelak J; Berkheim D; Lackner R. Video Atlas of Advanced Minimally Invasive Surgery. 2. Saunders; 2023. Minimally Invasive McKeown Esophagectomy

**F. BOOKS OR JOURNALS EDITED**

Not Applicable

**G. ABSTRACTS AND PRELIMINARY COMMUNICATIONS**

1. Spencer, A; Berkheim D; Vaid, S. Solitary Rectal Ulcer Syndrom: An Atypical Presentation and Review of the Literature. *Pennsylvania Society of Colon and Rectal Surgeons*; 2016
2. Berkheim DB; nicholas ta; Moulton MJ; Strah HM; Siddique A. Pain Pathway in Lung Transplantation is Associated with Excellent Peri-Operative Outcomes: A Case Series. *International Society for Heart and Lung Transplantation Annual Scientific Sessions*; San Diego, CA. *Journal of Heart and Lung Transplant*. 2017

**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

**EDUCATION/TEACHING ACTIVITY**

**A. GRADUATE STUDENT INSTRUCTION**

**Management of Solitary Pulmonary Nodules**

Lecture: University of Nebraska Medical Center, Given every 8 weeks to rotating 3rd year medical students on the surgical service, 2018-2022

**B. CONTINUING EDUCATION (CE) INSTRUCTION**

**How Much Lung Needs to Go? An Overview of Sub-lobar Resections**

Lecture: University of Nebraska Medical Center, Guest lecturer to the department of Radiation Oncology, 2021

**C. ADDITIONAL INSTRUCTION**

**Current Perspectives in Robotic Thoracic Surgery**

Lecture: Fall Midwest Thoracic and GI Conference, Oct 2018

**Diagnosis and Management of Pulmonary Nodules**

Myrtue Medical Center, Guest lecturer to the physicians of Myrtue Medical Center, 2022

**Examiner, Resident Education Mock Oral Board Exams**

Other: University of Nebraska Medical Center, One of two examiners in a Mock Oral Board room for general surgery for both UNMC and Creighton University residents, 2019

**Lung Cancer Screening and Implications of the USPSTF Recommendations**

Lecture: Christiana Care Health Systems, Grand Rounds, 2015

**Management of Oligometastatic NSCLC**

Fall Midwest Thoracic and GI Conference, Oct 2021

**Medical Student Skills Lab**

Other: University of Nebraska Medical Center, Volunteer for basic surgical skills lab for the rotating 3rd year medical students, 2019-2020

**Mentor Program**

General Surgery Mentor Program-M3 students (8weeks), 8 hours/semester, 2021 - Present

**Resident Education Absite Review**

Lecture: Thoracic Surgery, University of Nebraska Medical Center, 2022

**Resident Education Cadaver Lab Skills**

Instructor: University of Nebraska Medical Center, Volunteer for the surgical procedure skills lab utilizing cadavers for the upper year general surgery residents, 2018-2020

**Role of Sub-lobar Resection in NSCLC**

Lecture: Fall Midwest Thoracic and GI Conference, Oct 2019

**Thoracic Surgery and Oncology**

Medical Student Lectures, 2015 - 2016

**Update in the Management of Mesothelioma**

Fall Midwest Thoracic and GI Conference, Dec 2020

**Update on Navigational Bronchoscopy and the Use of the Robot**

Fall Midwest Thoracic and GI Conference, Oct 2022