

Preparing Your CV & NIH Biosketch: *Where to start and what to include*

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Division of Thoracic Surgery
Surgical Outcomes and Quality Improvement Center
Northwestern University; Feinberg School of Medicine

General Concepts to Discuss

- Curriculum Vitae
 - FSM Template
 - Section by Section
- NIH Biosketch
 - Section by Section
 - How to use this effectively
- Maintenance

Curriculum Vitae

FSM Format

FSM Curriculum Vitae

Date of preparation

NAME (with degrees)

CONTACT INFORMATION
Business Address:
Email:

EDUCATION
(Include degree, award date, Institution and discipline)
College
Medical School

POSTGRADUATE TRAINING
(Include degree, award date, Institution and discipline)

ADDITIONAL TRAINING (optional)

CERTIFICATIONS

PROFESSIONAL LICENSES

ACADEMIC APPOINTMENTS

HOSPITAL / CLINIC APPOINTMENTS

OTHER POSITIONS / EMPLOYMENT (optional)

MILITARY SERVICE (optional)

HONORS AND AWARDS
A. Elected Society Memberships
B. International/National/Regional
C. University

INTERNAL INSTITUTIONAL SERVICE (Committees, Councils, Task Forces)
A. University
B. School
C. Department
D. Hospital

COMMUNITY SERVICE

PROFESSIONAL SOCIETY MEMBERSHIP

EXTERNAL PROFESSIONAL LEADERSHIP AND SERVICE

SCIENTIFIC AND MEDICAL ADVISORY BOARDS

EDITORSHIPS / EDITORIAL BOARD SERVICE

MANUSCRIPT REVIEW RESPONSIBILITIES

- Get examples
- Use a list format
- Make this clean and well-spaced – READABILITY!
- Duplicate entries in fields as appropriate
- Keep this up regularly, much easier to do if you update this at least quarterly
 - Email yourself all abstract acceptances
 - Create outlook folders
 - Take pictures of programs/media announcements
 - Make a folder for all abstracts (title and authors)

FSM Curriculum Vitae

GRANT REVIEW RESPONSIBILITIES

GRANT PROPOSALS SUBMITTED

Use this section to record pending proposals.

Guidance: For each proposal, include your role and the direct costs you received for the award, as in the format below:

Agency:

ID#:

Title:

Principal Investigator:

Role on project: (include if you are not the PI—e.g., Site PI, Co-investigator, etc.)

Percent effort:

Direct costs per year:

Total costs for project period:

Project period:

GRANTS AND SPONSORED AWARDS

- A. Current
- B. Past

Guidance: For each grant/clinical trial, include your role and the direct costs you received for the award, as in the format below:

Agency:

ID#:

Title:

Principal Investigator:

Role on project: (include if you are not the PI—e.g., Site PI, Co-investigator, etc.)

Percent effort:

Direct costs per year:

Total costs for project period:

Project period:

RESEARCH PROJECTS (optional)

You may record unfunded projects in this section.

INVITED TALKS

- A. International/National
- B. Regional
- C. Local

PUBLICATIONS AND SCHOLARLY WORKS

*Guidance: When reporting publications/scholarly work, list them in chronological order (earliest to most recent), list all authors in the order they appear on the publication, and put **your name in bold font**.*

- A. Journal Articles
 - a. Peer-reviewed Original Investigations
 - b. Invited Reviews and Commentaries
 - c. Case Reports, Letters, Editorials

- d. Other Journal Articles

- B. Books
- C. Chapters
- D. Peer-Reviewed Educational Materials
- E. Practice Guidelines, Policy, Consensus Statements, and Reports
- F. Congressional Hearings and Legislative Testimony
- G. Patents and Intellectual Property
- H. Data Sets
- I. Software / Code
- J. Conference Proceedings
- K. Oral Abstracts / Presentations (*denotes presenting author)
Guidance: Put an asterisk beside the presenting author. Make note of any abstracts that received honors or awards.
- L. Poster Abstracts / Presentations (*denotes presenting author)
Guidance: Put an asterisk beside the presenting author. Make note of any abstracts that received honors or awards.
- M. Media
Record media works of a scholarly nature that you authored or created (e.g., op-eds, videos, blog posts). If you were featured in a work authored or created by someone else, record that in the separate section called Media Coverage and Appearances.
- N. Other Scholarly Work

MEDIA COVERAGE AND APPEARANCES

Guidance: Include news coverage of your work, your appearances in the media (e.g., print, TV, or radio interviews), websites you maintain related to your academic career, and social media involvement for the medical/scientific community (e.g., maintaining a blog, running a Twitter feed, podcasting, etc.)

FSM CV Example

Curriculum Vitae

David D. Odell, M.D., M.M.Sc.

Business Address: Division of Thoracic Surgery
Northwestern University
Feinberg School of Medicine
676 North St. Clair Street
Suite 650
Chicago, IL 60611

Business Phone: 312-695-4630

Email: dodell@nm.org
Twitter: @DavidDOdell

EDUCATION

- 2000 BS *with honors* – Biology
University of Puget Sound
Tacoma, WA
- 2004 MD
University of Washington School of Medicine
Seattle, WA
- 2011 Master’s in Medical Science
Program in Clinical Investigation
Harvard Medical School
Boston, MA
- 2016 Program in Healthcare Leadership and Policy
Brandeis University
Newton, MA
- 2018 Training Program in Implementation and Dissemination Research in Cancer
National Cancer Institute, National Institutes of Health
Shady Grove, MD

POSTDOCTORAL TRAINING

- 2004-2006 General Surgery Residency (PGY1-2)
Virginia Mason Medical Center
Seattle, Washington
- 2006-2009 General Surgery Residency (PGY3-5)

- 2009-2011 Harvard Medical School
Beth Israel Deaconess Medical Center
Boston, MA
Postdoctoral Fellow - Thoracic Oncology
Clinical Investigator Training Program
Harvard Medical School
Beth Israel Deaconess Medical Center
- 2011-2012 Thoracic Surgery Residency
University of Minnesota Medical Center
Minneapolis, MN
- 2012-2013 Thoracic Surgery Residency
University of Pittsburgh Medical Center
Pittsburgh, PA
- 2013 Advanced Fellowship
Minimally Invasive Thoracic Surgery
University of Pittsburgh Medical Center
Pittsburgh, PA
- 2013 Advanced Fellowship
Lung Transplantation
University of Pittsburgh Medical Center
Pittsburgh, PA

LICENSURE & CERTIFICATION

Board Certification

- 2009 General Surgery Qualifying Exam American Board of Surgery
Certifying Exam Certificate #54639
- 2014 Thoracic Surgery Qualifying Exam American Board of Thoracic Surgery
Certifying Exam Certificate #8064

Current Licensure

- 2015 Illinois Medical License

Prior Licensure

- 2013 Pennsylvania Medical License
- 2009 Massachusetts Medical License

ACADEMIC APPOINTMENTS**Current Appointments**

2019 – present Associate Professor
Director of Esophageal and Foregut Surgery
Director of Quality and Outcomes
Department of Surgery, Division of Thoracic Surgery
Northwestern University
Feinberg School of Medicine
Chicago, IL

2019 – present Associate Professor
Center for Healthcare Studies
Institute for Public Health and Medicine
Northwestern University Feinberg School of Medicine
Chicago, IL

2019 – present Associate Professor
Surgical Outcomes and Quality Improvement Center (SOQIC)
Northwestern University Feinberg School of Medicine
Chicago, IL

2015 – present Associate Director
Surgical Clerkship
Northwestern University Feinberg School of Medicine
Chicago, IL

2015 - present Coordinating Center Faculty
Illinois Surgical Quality Improvement Collaborative (ISQIC)
Chicago, IL

2015-2019 Assistant Professor
Department of Surgery, Division of Thoracic Surgery
Northwestern University
Feinberg School of Medicine
Chicago, IL

2015 – 2019 Assistant Professor
Center for Healthcare Studies
Institute for Public Health and Medicine
Northwestern University Feinberg School of Medicine
Chicago, IL

2015 – 2019 Assistant Professor
Surgical Outcomes and Quality Improvement Center (SOQIC)
Northwestern University Feinberg School of Medicine

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Chicago, IL

Prior Appointments

2013-2015 Assistant Professor
Department of Cardiothoracic Surgery
University of Pittsburgh School of Medicine
Pittsburgh, PA

2013 Clinical Instructor - Thoracic Surgery
Department of Cardiothoracic Surgery
University of Pittsburgh School of Medicine
Pittsburgh, PA

2006-2011 Clinical Fellow in Surgery
Harvard Medical School
Boston, MA

HOSPITAL APPOINTMENTS

2015 – present Attending Surgeon
Northwestern Memorial Hospital
Chicago, IL

2015 – present Attending Surgeon
Robert H. Lurie Comprehensive Cancer Center
Chicago, IL

2013-2015 Attending Surgeon
University of Pittsburgh Medical Center
Pittsburgh, PA

- Presbyterian Hospital
- Shadyside Hospital
- Magee Women's Hospital
- Passavant Hospital
- Children's Hospital of Pittsburgh
- St. Margaret Hospital
- McKeesport Hospital
- Mercy Hospital

2009-2011 Affiliate Surgeon
The Cambridge Hospital
Cambridge, MA

2009-2011 Affiliate Surgeon
Union Hospital
Lynn, MA

HONORS AND AWARDS***Elected Society Memberships***

2017	Fellow American College of Surgeons
2015	Inductee Society of Thoracic Surgeons

National Awards

2018	Member – Training Institute for Dissemination and Implementation Research in Cancer National Cancer Institute (NIH)
2018	President’s Award Recognizing the best abstract at the Annual Meeting Society of Thoracic Surgeons
2017	Faculty Research Scholar Award American College of Surgeons
2016	Oz-Lemole Research Award American Association for Thoracic Surgery Graham Foundation
2016	Alley Sheridan Scholar for Health Policy and Leadership Thoracic Surgery Foundation for Research and Education
2016	Best Abstract Winner - 2016 Annual Meeting American College of Surgeons, National Surgical Quality Improvement Program (ACS NSQIP)
2014	Educate the Educators Course Award Joint Council for Thoracic Surgery Education
2013	Alfred J. Soffer Research Award American College of Chest Physicians
2013	Resident Poster Competition - 3 rd Place Winner American Association for Thoracic Surgery: 2013 Annual Meeting
2012	Richard C. Lillehei/Earl Bakken Prize in Cardiothoracic Surgery Lillehei Surgical Society
2010	Resident Presentation Award American College of Chest Physicians

1998-2001	Student Member Commission on College Alcohol Use National Institutes of Health (NIH): National Institute on Alcohol Abuse and Alcoholism (NIAAA)
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Regional Awards

2013	Resident Paper Competition Finalist Southern Thoracic Surgical Association
2013	Best Paper Finalist Central Surgical Association: 2013 Annual Meeting
2007	Resident Research Award Massachusetts Chapter; American College of Surgeons Boston, MA

University Awards

2018	Education Research Award 14 th Annual Lewis Landsberg Research Day Feinberg School of Medicine Chicago, IL
2017	Patient Satisfaction Award Department of Surgery; Northwestern University Chicago, IL
2013	Resident Teaching Award University of Pittsburgh Medical Center Pittsburgh, PA
2009	Resident Teaching Award Harvard Medical School Boston, MA
2008	Resident Teaching Award Beth Israel Deaconess Medical Center – Department of Surgery Boston, MA
2003	Surgical Excellence Award University of Washington School of Medicine Seattle, WA
2000	Phi Beta Kappa University of Puget Sound Tacoma, WA

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PROFESSIONAL SOCIETY PARTICIPATION

Membership

2016	Thoracic Surgery Outcomes Research Network (ThORN)
2015	Society of Thoracic Surgeons (STS)
2015	Association for Academic Surgery (AAS)
2015	Surgical Outcomes Club (SOC)
2008	Society for Surgery of the Alimentary Tract (SSAT)
2009	American College of Chest Physicians (ACCP)
2013	International Society for Heart and Lung Transplantation (ISHLT)
2004	American College of Surgeons (ACS)
2000	American Medical Association (AMA)

Leadership Positions

2018 – present	Society Delegate to the American Medical Association Society of Thoracic Surgeons
2014 – present	Transitions to Practice Workforce Society of Thoracic Surgeons
2015 – present	Chair – Mentorship Taskforce Society of Thoracic Surgeons
2015 – present	Thoracic Outcomes Research Network (ThORN) <i>Multi-institution, national health services research trials network</i> <ul style="list-style-type: none">- Founder - 2015- Secretary - 2018-20- Vice President – 2020-Present- Executive Council - 2018-present
2013 – present	Thoracic Education Cooperative Group (TECoG) <i>Multi-institution, national thoracic education research cooperative group</i> <ul style="list-style-type: none">- Founder - 2013- Secretary – 2013-2019- President - 2019
2015-2017	Quality and Outcomes Committee Society for Surgery of the Alimentary Tract
2011-2015	Thoracic Surgery Residents' Association <ul style="list-style-type: none">- Projects Committee - 2011-12- Chair, Communications Committee – 2012-13- Secretary – 2012-13- President – 2013-14

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- Executive Committee – 2012-15

2013-2015	Resident Training Committee American Association for Thoracic Surgery
2013-2014	Ad Hoc Member Curriculum Committee Joint Council for Thoracic Surgery Education (JCTSE)

GRANT REVIEW RESPONSIBILITIES

2016-present	Translational Research Awards Committee Robert H. Lurie Comprehensive Cancer Center Northwestern University Feinberg School of Medicine
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EDITORIAL & MANUSCRIPT REVIEW RESPONSIBILITIES

Editorial Roles

2013-2014	Editor in Chief Textbook of Operative Dictations in Thoracic Surgery Thoracic Surgery Residents Association (TSRA) 498 pages: CreateSpace Independent Publishing Platform 2014-07-22 ISBN-10 : 1500474495 ISBN-13 : 9781500474492
2011-2012	Section Editor - Critical Care Primer on Cardiothoracic Surgery Thoracic Surgery Residents' Association (TSRA)
2017-2019	Publications Committee – Academic Surgical Association Interim Editorial Board – Journal of Surgical Research

Peer-Review Roles

2018-	Invited Reviewer; Journal of the American College of Surgeons
2018-	Invited Reviewer; JAMA Surgery
2017-	Publications Committee: Journal of Surgical Research
2016-	Invited Reviewer; Journal of Surgical Research
2016-	Invited Reviewer; Annals of Surgical Oncology
2013-	Invited Reviewer; Surgery
2009-	Invited Reviewer; Annals of Thoracic Surgery

2009-	Invited Reviewer; CHEST
2014-	Invited Reviewer; Journal of Thoracic and Cardiovascular Surgery
2010-	Ad Hoc Reviewer; Respiriology
2011-2014	Ad Hoc Reviewer; Journal of Thoracic and Cardiovascular Surgery
2011-	Ad Hoc Reviewer; World Journal of Surgery
2011-	Ad Hoc Reviewer; Journal of Tissue Engineering and Regenerative Medicine
2012-	Ad Hoc Reviewer; Journal of Surgical Oncology
2012-	Ad Hoc Reviewer; Annals of Surgery
2013-	Ad Hoc Reviewer; Journal of Gastrointestinal Surgery

MENTORED RESEARCH EXPERIENCE:

2015 –	Northwestern University Feinberg School of Medicine Mentors: Dr. Karl Y. Bilimoria, MD MS; Dr. Jane L. Holl MD MPH Health services research, focus on systems of care delivery in thoracic oncology.
2009 – 2011	Beth Israel Deaconess Medical Center Harvard Medical School Mentors: Dr. Amin Ernst; Dr. Sidhu Gangadharan Development of new technology for lung cancer staging; Outcomes following surgical treatment of thoracic malignancy.
2000 – 2004	Univ. of Washington School of Medicine Dept. of Orthopaedics; Seattle VA Medical Center Mentors: Dr. Howard Chansky, MD and Dr. Liu Yang, PHD Molecular mechanisms of tumorigenesis in Ewing's sarcoma.
1999 – 2002	National Institutes of Health – National Institute on Alcohol Abuse and Alcoholism (NIH-NIAAA) Mentor: Dr. Susan Pierce, PHD Member of an expert panel examining the impact of alcohol consumption on college campuses in the United States.
1998 – 2000	University of Puget Sound Mentor: Dr. Peter Wimberger, PhD Copper Rockfish genetics and population structure analysis.

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- 3) **Odell, DD.** Moderator. Trauma and Outcomes Research – Scientific Session. Annual Meeting of the American College of Surgeons National Surgical Quality Improvement Program. July 18, 2015. Chicago, IL.
- 4) **Odell, DD.** 'Surviving your first night on call – Acute Respiratory Failure.' American Association for Thoracic Surgery. Annual Meeting Course. May 2, 2017. Boston, MA
- 5) **Odell, DD.** Moderator. Cardiothoracic Education– Scientific Session. Society of Thoracic Surgeons Annual Meeting. January 27, 2018. Ft. Lauderdale, FL.
- 6) **Odell, DD.** Moderator. Lung Cancer II – Scientific Session. Society of Thoracic Surgeons Annual Meeting. January 28, 2018. Ft. Lauderdale, FL.
- 7) **Odell, DD.** Moderator. Outcomes Research Quickshots – Scientific Session. Academic Surgical Congress. January 30, 2018. Jacksonville, FL.
- 8) **Odell, DD.** 'Preparing for residency: Pitfalls and Pathways.' In the Looking to the Future scholarship forum. Society of Thoracic Surgeons Annual Meeting. January 27, 2018. Ft. Lauderdale, FL.
- 9) **Odell, DD.** 'Surviving your first night on call – Acute Respiratory Failure.' American Association for Thoracic Surgery. Annual Meeting Course. April 27, 2018. San Diego, CA
- 10) **Odell, DD.** Moderator. Education in Cardiothoracic Surgery – Scientific Session. American Association for Thoracic Surgery. Annual Meeting. April 27, 2018. San Diego, CA
- 11) **Odell, DD.** 'The Value of Great Mentorship: How to Find a Mentor and How to Be a Mentee' Society of Thoracic Surgeons Annual Meeting. January 27-30, 2019. San Diego, CA
- 12) **Odell, DD.** 'Preparing to Succeed: Pathways and Pitfalls in Cardiothoracic Training.' In the Looking to the Future scholarship forum. Society of Thoracic Surgeons Annual Meeting. January 27-30, 2019. San Diego, CA

Regional

- 1) **Odell, DD,** Northwestern University Pulmonary Symposium. Surgical Diagnostics for ILD When to Refer. Chicago, IL, November 2015.
- 2) **Odell, DD,** Northwestern University Annual Shields Research Day. Lung Cancer Guideline Concordance: An Opportunity for Improvement. Chicago, IL, May 2016.
- 3) **Odell, DD,** Northwestern Advanced Endoscopy Training Symposium. Stenting in the Treatment of Esophageal Disease: A Surgeon's Perspective. Chicago, IL, March 2016.
- 4) **Odell, DD,** Northwestern Advanced Endoscopy Training Symposium. Stenting in the Treatment of Esophageal Disease: A Surgeon's Perspective. Chicago, IL, September 2016.
- 5) **Odell, DD,** Northwestern Advanced Endoscopy Training Symposium. Stenting in the Treatment of Esophageal Disease: A Surgeon's Perspective. Chicago, IL, March 2017.
- 6) **Odell, DD,** Northwestern Advanced Endoscopy Training Symposium. Stenting in the Treatment of Esophageal Disease: A Surgeon's Perspective. Chicago, IL, September 2018.

Local

- 1) **Odell DD.** "Necrotizing Soft Tissue Infections", Surgical Grand Rounds Series – Beth Israel Deaconess Medical Center 1/08.
- 2) **Odell DD.** "Clinical Dilemmas in Blunt Thoracic Trauma", Surgical Grand Rounds Series – Beth Israel Deaconess Medical Center 12/08.
- 3) **Odell, DD,** Northwestern University Nursing Education Symposium. Anatomy, Physiology and Treatment of Benign Esophageal Disease: A Surgeon's Perspective. Chicago, IL, September 2015.
- 4) **Odell, DD,** Northwestern University Nursing Education Symposium. Anatomy, Physiology and Treatment of Benign Esophageal Disease: A Surgeon's Perspective. Chicago, IL, September 2016.
- 5) **Odell, DD,** Northwestern University Nursing Education Symposium. A Gentle Introduction to Thoracic Surgery. Chicago, IL, September 2015.

PUBLICATIONS & SCHOLARLY WORK**Peer-Reviewed Original Investigations**

- 1) **Odell DD**, "A Microsatellite Analysis of Population Structure in Copper Rockfish (*Sebastes caurinus*) in Puget Sound and the Northeast Pacific Ocean", University of Puget Sound Press, August, 2000 Pages:1-30.
- 2) Clinton JM, Chansky HA, **Odell DD**, Zielinska-Kwiatkowska A, Hickstein DD, Yang L, "Characterization and Expression of the Human Gene Encoding Two Translocation Liposarcoma Protein-Associated Serine-Arginine (TASR) Proteins." *Gene*, February, 2002, Volume: 1-2, Pages:141-7.
- 3) D Anderson, M Aguirre-Molina, RL Carothers, W DeJong, M Fleming, WL Jenkins, DS Kenkel, M Keegan, S Lambert, C Linder, GA Marlatt, **D Odell**, R Saltz, S Resnick Pierce, MA Rothschild, "How to Reduce High-Risk College Drinking: Use Proven Strategies, Fill Research Gaps", NIH and US DHHS, April, 2002.
- 4) **Odell DD**, Pratt WB, Callery MP, Vollmer CM Jr. The obstructed pancreatico-biliary drainage limb: presentation, management, and outcomes. *J Gastrointest Surg*. 2010 Sep;14(9):1414-21. PubMed PMID: 20567929.
- 5) **Odell DD**, Shah A, Gangadharan SP, Majid A, Michaud G, Herth F, Ernst A. *Airway stenting and tracheobronchoplasty improve respiratory symptoms in mounier-kuhn syndrome*. *Chest*. 2011 Oct;140(4):867-73. PubMed PMID: 21493699.
- 6) Ernst A, **Odell DD**, Michaud G, Majid A, Herth FF, *Gangadharan SP*. *Central Airway Stabilization for Tracheobronchomalacia Improves Quality of Life in Patients with Chronic Obstructive Pulmonary Disease*. *Chest*. 2011 Aug 25. PubMed PMID: 21868463.
- 7) Siracuse JJ, **Odell DD**, Gondek SP, Odom SR, Kasper EM, Hauser CJ, Moorman DW. *Health care and socioeconomic impact of falls in the elderly*. *Am J Surg*. 2012 Mar;203(3):335-8; discussion 338. Epub 2012 Jan 17. PubMed PMID: 22257741.
- 8) Andrade RS, **Odell DD**, D'Cunha J, Maddaus MA. *Endobronchial Ultrasonography (EBUS) – What's Its Role in Staging of Non-Small Cell Lung Cancer and Who Should Do It?* *J Thorac Cardiovasc Surg*. 2012 Sep;144(3):S9-13.
- 9) Whitson BA, Groth SS, **Odell DD**, D'Cunha J, Maddaus MA, Andrade RS. The True Negative Predictive Value of Endobronchial-Ultrasound Guided Fine Needle Aspiration in Patients with Lung Cancer: Are we being conservative enough? *Ann Thorac Surg*. 2012 Dec 12. (12)02147-9.
- 10) **Odell DD**, Peleg K, Givon A, Radomislensky I, Makey I, DeCamp MM, Whyte R, Gangadharan SP, Berger RL, Israeli Trauma Group. *Sternal Fracture: Isolated Lesion Versus Polytrauma from Associated Extrasternal Injuries – Analysis of 1867 Cases*. *J. Trauma Acute Care Surgery*. 2013 Sep; 75 (3): 448-52.
- 11) Tchantchaleishvili V, LaPar DJ, Stephens EH, Berfield KS, **Odell DD**, DeNino WF. *Current Integrated Cardiothoracic Surgery Residents: A Thoracic Surgery Residents Association Survey*. *Ann Thorac Surg*. 2015 Mar;99(3):1040-7.

- 12) Lassaletta AD, **Odell DD** "Diaphragmatic Hernias" *In the Thoracic Surgery Residents' Association Primer for Cardiothoracic Surgery*.
- 13) Antonoff MB, **Odell DD** "Hemodynamic Management" *In the Thoracic Surgery Residents' Association Primer for Cardiothoracic Surgery*.
- 14) Lech WJ, **Odell DD** "Right Heart Failure" *In the Thoracic Surgery Residents' Association Primer for Cardiothoracic Surgery*.
- 15) Saillant N, **Odell DD**, Kent MS; "Management of Barrett's Esophagus" *Chapter in The European Society of Thoracic Surgeons Textbook of Thoracic Surgery*.
- 16) Odom S, **Odell DD**, Boyd C "Small Intestinal Pathology and Clinical Conditions" *Chapter in "Pocket Surgery; The Beth Israel Deaconess Handbook of Surgery"* Wolters Kluwer – LWW Professional; 1st ed. (2011).
- 17) **Odell DD**, DeCamp MM, Gangadharan SP "Belsey Mark IV Fundoplication/Collis Gastroplasty" *Chapter in "Adult Chest Surgery"* McGraw-Hill Professional; 1st edition (2009).

Peer-Reviewed Educational Materials

- 1) Barnum TJ, Salzman DH, **Odell DD**, Even E, Reczynski A, Corcoran J, Halverson AL. *Orientation to the Operating Room: An Introduction to the Surgery Clerkship for Third-Year Medical Students*. MedEdPORTAL Published 11/14/2017. <http://www.mededportal.org/publication/10652/>

Case Reports, Letters & Editorials

- 1) **Odell DD**, Macke RA, O'Shea MA. *Clamshell thoracotomy: a unique approach to a massive intrathoracic schwannoma*. *Ann Thorac Surg*. 2011 Jan;91(1):298-301. PubMed PMID: 21172541.
- 2) **Odell DD**, Gangadharan SP, Majid A. *Pulmonary artery sling: A rare cause of tracheomalacia in the adult*. *Journal of Bronchology & Interventional Pulmonology*. 18(3):278-280, July 2011.
- 3) Collins WC, **Odell DD**, Sheiman RG, Gangadharan SP. *Critically compromised airway secondary to expanding esophageal mucocele*. *Ann. Thoracic Surg*. 2012 Aug; 94(2):635-6.
- 4) Tomasko J, Prasad SM, **Odell DD**, DeCamp MM, Bharat A. *Therapeutic anticoagulation-free extracorporeal membrane oxygenation as a bridge to lung transplantation*. *J Heart Lung Transplant*. 2016 Jul;35(7):947-8. doi: 10.1016/j.healun.2016.04.005. Epub 2016 May 6. No abstract available. PMID: 27235267
- 5) Mills SEA, Yeldandi AV, **Odell DD**. *Surgical Treatment of Multifocal Pulmonary Mucormycosis*. *Ann Thorac Surg*. 2018 Aug;106(2):e93-e95. doi: 10.1016/j.athoracsur.2017.12.033. Epub 2018 Jan 31. PMID: 29391149

Abstracts**Oral Abstract Presentations** (*denotes presenting author)

- 1) **Odell DD***, H.A. Chansky, A. Zielinska-Kwiatkowska, L. Yang. "The Role of Translocation Fusion Protein-Induced Alternative Splicing in the Development of Malignant Tumors in Ewing's Sarcoma", *Poster Presentation - MSRTP Fall Research Symposium*, September, 2001

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- 27) Engelhardt KE*, Feinglass J, DeCamp MM, Bilimoria KY, **Odell DD**. *Treatment Trends in Early Stage Lung Cancer in the United States, 2004-2013: A Time Trend Analysis of the National Cancer Database* American Association for Thoracic Surgery, Annual Meeting. May 2-4, 2017. Boston MA. **Featured as a Spotlight Presentation with a dedicated pull-out session**
- 28) **Odell DD***, Feinglass J, Engelhardt KE, Meyerson SL, Bharat A, DeCamp MM, Bilimoria KY. *Significant Variation in Compliance with Lung Cancer Quality Measures Exists Across US Hospitals*. Society of Thoracic Surgeons Annual Meeting. January 27-30, Ft. Lauderdale, FL. **President's Award – Best Abstract presented by a junior faculty member**
- 29) **Odell DD***, Cooke DT, Meguid RA, Backhus LM, Krantz SB, Varghese TK, Bilimoria KY. *Thoracic Surgery Outcomes Research Network Consensus Measures of Lung Cancer Care: Results of a Modified Delphi Study*. Annual Meeting of the Society of Thoracic Surgeons. January 27-30, 2019. San Diego, CA

Poster Presentations

- 1) **Odell DD***, Pratt WB, Callery MP, Vollmer CM. *"Prediction of Morbidity in High Acuity Surgery: The Influence of Surgical Performance on Baseline Physiology"*, Oral Presentation – MA Chapter American College of Surgeons 11/07 **Winner, Resident Presentation Competition**.
- 2) Andrade R*, **Odell DD**, D' Cunha J, Maddaus M. *"Adequate Lymph Node Sampling is Achieved with a Thoracoscopic Approach to Esophagectomy"*. Poster Presentation – 2012 Meeting of the European Society of Thoracic Surgeons; June 10-16, 2012 Essen Germany.
- 3) **Odell DD***, D' Cunha J, Maddaus M, Andrade R. *"Midterm Results of Minimally Invasive Diaphragm Plication"*. Oral Poster Presentation – CHEST 2012; October 24, 2013 Atlanta, GA.
- 4) **Odell DD***, D' Cunha J, Shigemura NJ, Luketich JD, Bermudez CY. *"Extracorporeal Membrane Oxygenation as an Alternative to Cardiopulmonary Bypass in Adult Lung Transplantation"* Oral Poster Presentation – 2013 Annual Meeting of the International Society for Heart and Lung Transplantation; April 24-27, 2013 Montreal, Quebec, Canada
- 5) **Odell DD***, D' Cunha J, Shigemura NJ, Luketich JD, Bermudez CY. *"Extracorporeal Membrane Oxygenation as an Alternative to Cardiopulmonary Bypass in Adult Lung Transplantation"* Poster Presentation – 2013 Annual Meeting of the Association for Thoracic Surgery; May 4-8, 2013 Minneapolis, MN **3rd Place Resident Poster Competition**.
- 6) Macke R*, Schuchert MJ, **Odell DD**, Landreneau JR, McCormick K, Pennathur A, Luketich JD, Landreneau RJ. *"Anatomic Segmentectomy vs. Lobectomy for Stage I Non-Small Cell Lung Cancer (NSCLC): Extent of Resection is Important in Determining Preservation of Pulmonary Function"*. Society of Thoracic Surgeons. January 25-29, 2014, Orlando, FL.
- 7) Barnum T, Halverson AL, Yang AD, **Odell DD**. *"Outcomes Associated with Insertion of Indwelling Urinary Catheters by Medical Students"*. Feinberg School of Medicine 14th Annual Lewis Landsberg Research Day. April 8, 2018. **First Place – Education Research**

MEDIA COVERAGE AND APPEARANCES

- 1) **Odell DD**. Society of Thoracic Surgeons Featured Expert. 2018
<https://www.sts.org/resources/career-resources/blog/featured-experts>

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- 2) Vaporciyan A, **Odell DD**, Badhwar V, Iannetoni MD, Ikonomidis J. Transitioning from Training to Practice: A Roundtable Discussion. CTSNet. <https://www.ctsnet.org/article/transitioning-training-practice-roundtable-discussion>
- 3) **Odell DD**. Strategies for Obtaining Funding as a New Investigator. February 22, 2018
<https://www.sts.org/resources/career-resources/blog/strategies-obtaining-funding-new-investigator>
- 4) **Odell DD**. Hospital Safety Culture may influence surgical outcomes. ACS Surgery News. Aug 8, 2016. <https://www.mdedge.com/acssurgerynews/article/111688/practice-management/hospital-safety-culture-may-influence-surgical>

TEACHING

Society of Thoracic Surgeons

Looking to the Future Program
Society of Thoracic Surgeons 54th Annual Meeting, Ft. Lauderdale, FL
Course Faculty - January 27-28, 2017

Shared Decision-Making Course Development
Faculty leader 2018

Northwestern University

3rd Year Surgery Clerkship
Associate Clerkship Director
Seminar Session Leader
Operating Room Simulation Leader
Midterm Review Session Leader
Introduction to Phase 3
Anatomic Decision Making Course Instructor
Loyal Davis Surgical Society
Faculty Liaison
Surgical Interest Lecture Series

University of Pittsburgh

Problem-Based learning session leader
2014-15
Minimally Invasive Esophagectomy Course
Course Moderator 2013
Teaching Surgeon 2014, 2015
Stapled Esophagogastric Anastomosis Lab Session 2013
Robotic Conduit Preparation – Faculty preceptor 2014

TRAINEES

- 1) Kathryn E. Engelhardt, MD MS – SOQIC Health Services Research Fellow 6/2016-6/2018
Investigation of trends in care delivery for early stage lung cancer
Accomplishments: 12 first author publications, 6 oral presentations including a featured presentation at AATS; Obtained a MS in health services research

NIH Biosketch

Components and Examples

What is an NIH Biosketch?

- Formulaic part of a research application
 - Allows the reviewer to see the qualifications of the research team
 - Standard format to make review easy and unbiased
 - A 'snapshot' of you, not a complete picture
 - NOT your CV

Sections of the NIH Biosketch

Name

Position Title

Education/Training – chronological order

A. Personal Statement

B. Positions and Honors


- Academic and Professional Honors
- Memberships in Professional Societies

C. Contributions to Science

D. Funding

NIH Resources: Fellowship

<https://grants.nih.gov/grants/forms/biosketch.htm>



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Get Started +

How to Apply +

Application Referral and Review +

Pre-Award and Post-Award Processes +


Forms Library

Information For +

Biosketch Format Pages, Instructions and Samples

Biosketches are required in both competing applications and progress reports. Find instructions, blank format pages, and sample biosketches below. Try SciENcv, a tool supporting multiple research agencies, to help you develop your biosketch and automatically format it according to NIH requirements.

Biosketch

Form Name	Biographical Sketch Format Page (non-fellowship)
Description	Prepare biographical sketches for applications and progress reports for non-fellowship applications and awards.
How to Access	Non-fellowship Biosketch (blank format page, Word)
Instructions	Instructions for Biographical Sketch
Additional Information	<ul style="list-style-type: none"> Non-fellowship biosketch sample (Word) <p>Try SciENcv to help you develop your biosketch and automatically format it according to NIH requirements.</p>
Updated Date	March 2020
Form Name	Biographical Sketch Format Page (fellowship)
Description	Prepare biographical sketches for applications and progress reports for fellowship applications and awards.
How to Access	Fellowship Biosketch (blank format page, Word) 
Instructions	Instructions for Biographical Sketch
Additional Information	<ul style="list-style-type: none"> Predoctoral Fellowship biosketch sample (Word) Postdoctoral Fellowship biosketch sample (Word) <p>Try SciENcv to help you develop your biosketch and automatically format it according to NIH requirements.</p>

OMB No. 0925-0001 and 0925-0002 (Rev. 03/2020 Approved Through 02/28/2023)

BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors. Follow this format for each person. DO NOT EXCEED FIVE PAGES.

NAME: Robertson-Chang, Leilani

eRA COMMONS USER NAME (credential, e.g., agency login): RobertsonL

POSITION TITLE: Postdoctoral Researcher

EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)


INSTITUTION AND LOCATION	DEGREE (if applicable)	START DATE MM/YYYY	END DATE MM/YYYY	FIELD OF STUDY
Swarthmore College	BS	08/1995	05/1999	Engineering
UC San Diego	PHD	08/2001	09/2007	Molecular Biology
Michigan State University	NIH training grant	09/2007	present	Bioinformatics/Immunology

A. Personal Statement

My long term research interests involve the development of a comprehensive understanding of key developmental pathways and how alterations in gene expression contribute to human disease. My academic training and research experience have provided me with an excellent background in multiple biological disciplines including molecular biology, microbiology, biochemistry, and genetics. As an undergraduate, I was able to conduct research with Dr. Xavier Factor on the mechanisms of action of a new class of antibiotics. As a predoctoral student with Dr. Tanti Auguri, my research focused on the regulation of transcription in yeast, and I gained expertise in the isolation and biochemical characterization of transcription complexes. I developed a novel protocol for the purification for components of large transcription complexes. I was first author of the initial description of the Most Novel Complex. A subsequent first author publication challenged a key paradigm of transcription elongation and was a featured article in a major journal. During my undergraduate and graduate careers, I received several academic and teaching awards. For my postdoctoral training, I will continue to build on my previous training in transcriptional controls by moving into a mammalian system that will allow me to address additional questions regarding the regulation of differentiation and development. My sponsor Dr. I.M. Creative is an internationally recognized leader in the transcription/chromatin field and has an extensive record for training postdoctoral fellows. The proposed research will provide me with new conceptual and technical training in developmental biology and whole genome analysis. In addition, the proposed training plan outlines a set of career development activities and workshops – e.g. grant writing, public speaking, lab management, and mentoring students – designed to enhance my ability to be an independent investigator. My choice of sponsor, research project, and training will give me a solid foundation to reach my goal of studying developmental diseases in man. During my second postdoctoral

NIH Resources: Faculty

<https://grants.nih.gov/grants/forms/biosketch.htm>



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Grants Process Overview

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How to Apply + Hide all



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Pre-Award and Post-Award Processes +

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Information For +

Biosketch

Form Name	Biographical Sketch Format Page (non-fellowship)
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Instructions	Instructions for Biographical Sketch
Additional Information	<ul style="list-style-type: none"> Non-fellowship biosketch sample (Word)  <p>Try SciENcv to help you develop your biosketch and automatically format it according to NIH requirements.</p>
Updated Date	March 2020
Form Name	Biographical Sketch Format Page (fellowship)
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OMB No. 0925-0001 and 0925-0002 (Rev. 03/2020 Approved Through 02-28-2023)

BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors. Follow this format for each person. DO NOT EXCEED FIVE PAGES.

NAME: Hunt, Morgan Casey

eRA COMMONS USER NAME (credential, e.g., agency login): huntmc

POSITION TITLE: Associate Professor of Psychology

EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)

INSTITUTION AND LOCATION	DEGREE (if applicable)	Completion Date MM/YYYY	FIELD OF STUDY
University of California, Berkeley	B.S.	05/1990	Psychology
University of Vermont	Ph.D.	05/1996	Experimental Psychology
University of California, Berkeley	Postdoctoral	08/1998	Public Health and Epidemiology

A. Personal Statement

B. Positions and Honors

C. Contributions to Science

D. Additional Information

A. Personal Statement

I have the expertise, leadership, training, expertise and motivation necessary to successfully carry out the proposed research project. I have a broad background in psychology, with specific training and expertise in ethnographic and survey research and secondary data analysis on psychological aspects of drug addiction. My research includes neuropsychological changes associated with addiction. As PI or co-Investigator on several university- and NIH-funded grants, I laid the groundwork for the proposed research by developing effective measures of disability, depression, and other psychosocial factors relevant to the aging substance abuser, and by establishing strong ties with community providers that will make it possible to recruit and track participants over time as documented in the following publications. In addition, I successfully administered the projects (e.g. staffing, research protections, budget), collaborated with other researchers, and produced several peer-reviewed publications from each project. As a result of these previous experiences, I am aware of the importance of frequent communication among project members and of constructing a realistic research plan, timeline, and budget. The current application builds logically on my prior work. During 2005-2006 my career was disrupted due to family obligations. However, upon returning to the field I immediately resumed my research projects and collaborations and successfully competed for NIH support.

- Merryle, R.J. & Hunt, M.C. (2004). Independent living, physical disability and substance abuse among the elderly. *Psychology and Aging*, 23(4), 10-22.
- Hunt, M.C., Jensen, J.L. & Crenshaw, W. (2007). Substance abuse and mental health among community-dwelling elderly. *International Journal of Geriatric Psychiatry*, 24(9), 1124-1135.
- Hunt, M.C., Wiechelt, S.A. & Merryle, R. (2008). Predicting the substance-abuse treatment needs of an aging population. *American Journal of Public Health*, 45(2), 236-245. PMID: PMC9162292
- Hunt, M.C., Newlin, D.B. & Fishbein, D. (2009). Brain imaging in methamphetamine abusers across the life-span. *Gerontology*, 46(3), 122-145.

Let's go through the sections

NIH Biosketch

Education and Personal Statement

A. Personal Statement

I have the expertise, leadership, training, expertise and motivation necessary to successfully carry out the proposed research project. I have a broad background in psychology, with specific training and expertise in ethnographic and survey research and secondary data analysis on psychological aspects of drug addiction. My research includes neuropsychological changes associated with addiction. As PI or co-Investigator on several university- and NIH-funded grants, I laid the groundwork for the proposed research by developing effective measures of disability, depression, and other psychosocial factors relevant to the aging substance abuser, and by establishing strong ties with community providers that will make it possible to recruit and track participants over time as documented in the following publications. In addition, I successfully administered the projects (e.g. staffing, research protections, budget), collaborated with other researchers, and produced several peer-reviewed publications from each project. As a result of these previous experiences, I am aware of the importance of frequent communication among project members and of constructing a realistic research plan, timeline, and budget. The current application builds logically on my prior work. During 2005-2006 my career was disrupted due to family obligations. However, upon returning to the field I immediately resumed my research projects and collaborations and successfully competed for NIH support.

plan, timeline, and budget. The current application builds logically on my prior work. During 2005-2006 my career was disrupted due to family obligations. However, upon returning to the field I immediately resumed my research projects and collaborations and successfully competed for NIH support.

Personal Statement Tips

- Customize it to the grant
 - Mention the mechanism specifically
 - Create a narrative of your expertise
 - Discuss why you are uniquely positioned for success
- For mentored grants
 - Mention what you hope to learn
 - Highlight relationship with mentors
 - Highlight past success = future productivity
- Read everyone's personal statement before you submit a grant
 - Need to reflect each collaborator's role on THIS project
- Can include up to 4 publications

Positions and Honors

B. Positions and Honors

Positions and Employment

1998-2000 Fellow, Division of Intramural Research, National Institute of Drug Abuse, Bethesda, MD
2000-2002 Lecturer, Department of Psychology, Middlebury College, Middlebury, VT
2001- Consultant, Coastal Psychological Services, San Francisco, CA
2002-2005 Assistant Professor, Department of Psychology, Washington University, St. Louis, MO
2007- Associate Professor, Department of Psychology, Washington University, St. Louis, MO

Other Experience and Professional Memberships

1995- Member, American Psychological Association
1998- Member, Gerontological Society of America
1998- Member, American Geriatrics Society
2000- Associate Editor, Psychology and Aging
2003- Board of Advisors, Senior Services of Eastern Missouri
2003-05 NIH Peer Review Committee: Psychobiology of Aging, ad hoc reviewer
2007-11 NIH Risk, Adult Addictions Study Section, members

Honors

2003 Outstanding Young Faculty Award, Washington University, St. Louis, MO
2004 Excellence in Teaching, Washington University, St. Louis, MO
2009 Award for Best in Interdisciplinary Ethnography, International Ethnographic Society

- Use a clear format
- Be thorough – include all relevant awards
- Explain what awards are (e.g. President's award=best abstract)
- Utilize subheadings if allowed

Contributions to Science

C. Contribution to Science

1. My early publications directly addressed the fact that substance abuse is often overlooked in older adults. However, because many older adults were raised during an era of increased drug and alcohol use, there are reasons to believe that this will become an increasing issue as the population ages. These publications found that older adults appear in a variety of primary care settings or seek mental health providers to deal with emerging addiction problems. These publications document this emerging problem but guide primary care providers and geriatric mental health providers to recognize symptoms, assess the nature of the problem and apply the necessary interventions. By providing evidence and simple clinical approaches, this body of work has changed the standards of care for addicted older adults and will continue to provide assistance in relevant medical settings well into the future. I served as the primary investigator or co-investigator in all of these studies.
 - a. Gryczynski, J., Shaft, B.M., Merryle, R., & Hunt, M.C. (2002). Community based participatory research with late-life addicts. *American Journal of Alcohol and Drug Abuse*, 15(3), 222-238.
 - b. Shaft, B.M., Hunt, M.C., Merryle, R., & Venturi, R. (2003). Policy implications of genetic transmission of alcohol and drug abuse in female nonusers. *International Journal of Drug Policy*, 30(5), 46-58.
 - c. Hunt, M.C., Marks, A.E., Shaft, B.M., Merryle, R., & Jensen, J.L. (2004). Early-life family and community characteristics and late-life substance abuse. *Journal of Applied Gerontology*, 28(2), 26-37.
 - d. Hunt, M.C., Marks, A.E., Venturi, R., Crenshaw, W. & Ratonian, A. (2007). Community-based intervention strategies for reducing alcohol and drug abuse in the elderly. *Addiction*, 104(9), 1436-1606. PMID: PMC9000292

- What did you learn/discover?
 - Important findings/high impact work
 - Building education
- What skills do you have?
 - Examples of specific techniques (e.g. cell sorting, economic analysis, etc.)
- Show a track record in the field of study
 - Specifically how this leads to the current proposal
- Include a short narrative section
- **Bold** your name
- Show lines of investigation, not one-off's

Complete List of Published Work in MyBibliography:

<http://www.ncbi.nlm.nih.gov/sites/myncbi/collections/public/1PgT7IEFIAJBtGMRDdWFmjWAO/?sort=date&direction=ascending>

What do reviewers look for?

- Are you qualified to do the work you propose?
 - Is there a good match between your background and the proposed project?
 - Training + Current Activities + Publications
 - Are you a good match for the funding mechanism?
 - F31/F32 – still in training
 - K-award – early career faculty
- Have you been productive in the area of proposed investigation?
 - Quality/high-impact, peer-reviewed publications relevant to the proposal
 - Likelihood you will publish good science
- Do you have the time?
 - What other activities are you funded for compared to the time you propose on the proposal

Another Example

NIH Biosketch

Education

BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors.
Follow this format for each person. **DO NOT EXCEED FIVE PAGES.**

NAME: David D. Odell, MD MMSc

eRA COMMONS USER NAME: DDODELL

POSITION TITLE: Associate Professor of Surgery; Director of Quality, Division of Thoracic Surgery

EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE	Completion Date	FIELD OF STUDY
University of Puget Sound, Tacoma, WA	BS	8/2000	Biology
Univ. of Washington School of Medicine, Seattle, WA	MD	06/2004	Medicine
Harvard Medical School, Boston, MA	MMSc	6/2011	Clinical Investigation
Brandeis University, Waltham, MA	Certificate	6/2016	Health Policy & Leadership
Northwestern University, Chicago, IL	Certificate	5/2018	Outcomes Research
NCI Training Institute for Dissemination and Implementation Research in Cancer, Bethesda, MD	Certificate	7/2018	Implementation Science
Beth Israel Deaconess Medical Center, Boston, MA		6/2009	General Surgery
University of Pittsburgh, Pittsburgh, PA		6/2013	Thoracic Surgery
University of Pittsburgh, Pittsburgh, PA		11/2013	Thoracic Oncology

Personal Statement

A. Personal Statement

I am a fellowship trained thoracic surgeon and Master's trained health services researcher. My clinical practice focuses on thoracic oncology. My research to date has been focused on improving quality of care and outcomes for patients with thoracic malignancies including lung and esophageal cancer. I began my research career as a thoracic oncology research fellow in the Clinical Investigator Training Program at Harvard Medical School with a focus on the clinical development of mediastinal staging tools for the assessment of patients with potentially resectable non-small cell lung cancer. I continued to be actively engaged in clinical and outcomes research throughout my clinical fellowship in thoracic surgery and advanced fellowship training in thoracic oncology and lung transplantation at the University of Pittsburgh, publishing on topics related to both surgical resection for lung cancer and lung transplantation.

Since joining the faculty at Northwestern, the focus of my work has been on the assessment of quality measures in cancer care and the influence of factors within the hospital environment on patient outcomes following surgery. I am a co-investigator in the Illinois Surgical Quality Improvement Collaborative (ISQIC), a learning collaborative comprised of 55 hospitals working together to improve the quality of surgical care in Illinois. I am the founding director of the currently lead efforts in ISQIC focused on improving guideline adherence in cancer care as well and perioperative blood product utilization. I am also the founding director of the Illinois Lung Cancer Collaborative (ILCC), a group of ISQIC hospitals studying methods to reduce unwanted variability in lung cancer care delivery in Illinois, for which I have received over \$1 million of funding including grants from the National Cancer Institute (NIH-NCI), American College of Surgeons, American Cancer Society, the Society of Thoracic Surgeons and the American Association for Thoracic Surgery. In parallel, I direct the Northwestern Medicine Lung Cancer Collaborative, where I developed a common data and quality model for the health system.

With grant support from the Northwestern Medicine innovations Center, I have been working for the past 2 years to understand the needs of patients following lung cancer resection and develop tools for surgeons to effectively deliver surveillance care remotely. My clinical background and practice, experience with implementation of quality initiatives, and close working relationship with the co-investigators positions me well to guide the development and implementation of RETURNS as described in this proposal.

Positions & Honors

Positions and Employment

- 2009-2011 Research Fellow, Thoracic Oncology, Beth Israel Deaconess, Harvard Medical School
- 2009-2011 Fellow, Clinical Investigator Training Program, Harvard Medical School
- 2013-2015 Assistant Professor, Cardiothoracic Surgery, University of Pittsburgh
- 2015-2019 Assistant Professor, Surgery, Healthcare Studies, Medical Social Sciences, Northwestern University Feinberg School of Medicine
- 2015- Associate Director, Surgery Clerkship, Northwestern University, Feinberg School of Medicine
- 2015- Faculty Surgeon, Robert H. Lurie Comprehensive Cancer Center
 - Scientific Review Committee, 2016-present*
 - Translational Research Awards Committee, 2017-present*
- 2016- Founding Director, Northwestern Medicine Lung Cancer Collaborative
- 2017- Founding Director, Illinois Lung Cancer Collaborative
- 2019- Associate Professor, Surgery, Healthcare Studies, Medical Social Sciences, Northwestern University Feinberg School of Medicine
- 2019- Director of Esophageal & Foregut Surgery, Thoracic Surgery Division, Northwestern University
- 2019- Director of Quality, Thoracic Surgery Division, Northwestern University

Positions & Honors

Other Experience and Professional Memberships

2000-	American Medical Association
	2019- Society of Thoracic Surgeons Delegate
2008-	Society for Surgery of the Alimentary Tract
2009-	American College of Chest Physicians
2011-2013	Thoracic Surgery Residents Association
	2013-13 Secretary
	2013-14 President
2013-	International Society for Heart and Lung Transplantation
2013-	American Association for Thoracic Surgery (AATS)
	2013-15 Committee on Resident Education
2015-	Society of Thoracic Surgeons (STS)
	2013-15 Workforce on Transition to Practice
	2015- Workforce on Career Development
	2015- Communications Taskforce
	2016- Chair, Mentorship Taskforce
	2018- Thoracic Surgery Foundation Research Committee
	2020- Co-Chair, Looking to the Future Scholarship Committee
	2020- Workforce on Resident Issues
2015-	Thoracic Surgery Directors Association (TSDA)
	2015- Thoracic Surgery Education Co-Operative Group
	2015- Founder
	2016-19 Secretary
	2019- President
	2018- Executive Committee
2015-	Surgical Outcomes Club
2015-	Association for Academic Surgery
	2017-19 Publications Committee
	2019- Membership Committee
2016-	Thoracic Surgery Outcomes Research Network (ThORN)
	2016 Co-Founder
	2018-20 Secretary
	2020- Vice President
2016-	Fellow of the American College of Surgeons (FACS)
2017-	Feinberg Academy of Medical Educators
2019-	Alpha Omega Alpha

Positions & Honors

Honors

- 2000 Phi Beta Kappa, University of Puget Sound, Seattle, WA
- 2009 Resident Excellence in Teaching, Harvard Medical School, Boston, MA
- 2012 Richard C. Lillehei/Earl Bakken Prize in Cardiothoracic Surgery
- 2013 Alfred J. Soffer Research Award, American College of Chest Physicians
- 2013 Resident Research Award, American Association for Thoracic Surgery (AATS)
- 2016 Oz-Lemole Research Scholar, American Association for Thoracic Surgery Graham Foundation
- 2016 Thoracic Surgery Foundation; Alley Sheridan Scholar for Health Policy and Leadership
- 2016 Best Abstract; ACS NSQIP Annual Meeting, San Diego, CA
- 2017 Faculty Research Scholar Honors, American College of Surgeons
- 2018 President's Award (Best Abstract), Society of Thoracic Surgeons Annual Meeting, Miami, FL
- 2018 Best Abstract (Health Services Research), ACS Clinical Congress, Boston, MA
- 2018 Best Abstract, Northwestern University Lewis A. Landsberg Research Day, Chicago, IL
- 2019 Best Abstract, Society for Surgery of the Alimentary Tract, San Diego, CA
- 2019 Alpha Omega Alpha
- 2020 Mentorship Award, Dept. of Surgery, Northwestern University Feinberg School of Medicine

Contribution to Science

C. Contribution to Science

1. My primary research focus has been on the development, implementation, and evaluation of tools to measure the quality of care in lung cancer. Recently, this has also included the development of national quality standards to assess the delivery of lung cancer care and recently, guidelines for management of the disease in the changing healthcare landscape created by the COVID-19 pandemic.
 - a. **Odell DD**, Feinglass J, Engelhardt K, Papastefan S, Meyerson SL, Bharat A, DeCamp MM, Bilimoria KY. Evaluation of adherence to the Commission on Cancer lung cancer quality measures. *J Thorac Cardiovasc Surg.* 2019;157(3):1219-35. Epub 2019/07/26. doi: 10.1016/j.jtcvs.2018.09.126. PubMed PMID: 31343410.
 - b. **Odell DD**, Engelhardt KE, Cooke DT, Meguid RA, Backhus L, Krantz S, Phillips J, Broderick S, Farjah F, Love R, Varghese TK, Holl J, Bilimoria K. Thoracic Surgery Outcomes Research Network (ThORN) Consensus Measures of Lung Cancer Care: Results of a Modified Delphi Study. *Annals of Thoracic Surgery.* 2020(Accepted for publication).
 - c. Khorfan R, Cooke DT, Meguid RA, Backhus L, Varghese TK, Farjah F, Bilimoria K, **Odell DD**. Institutional Factors Associated with Adherence to Quality
 - d. Measures for Stage I/II Non-Small Cell Lung Cancer. *Journal of Thoracic and Cardiovascular Surgery* 2020; Accepted for Publication.
 - e. Ellis RJ, Schlick CJR, Feinglass J, Mulcahy MF, Benson AB, Kircher SM, Yang TD, **Odell DD**, Bilimoria K, Merkow RP. Failure to administer recommended chemotherapy: acceptable variation

Contribution to Science

2. I have been actively involved in research related to the diagnosis and surgical treatment of lung cancer including assessments of the functional impact of lung resection and comparative effectiveness of different treatment modalities. Recently, this has also included the development of quality standards to address the changing healthcare landscape during the COVID-19 pandemic.
 - a. Engelhardt KE, Feinglass J, DeCamp MM, Bilimoria KY, **Odell DD**. Treatment Trends in Early Stage Lung Cancer in the United States, 2004-2013: A Time Trend Analysis of the National Cancer Database. *J Thorac Cardiovasc Surg*. 2018 Sep;156(3):1233-1246.e1. doi: 10.1016/j.jtcvs.2018.03.174. Epub 2018 May 24. PMID: 30119287
 - b. Khorfan R, Kruser TJ, Coughlin JM, Bharat A, Bilimoria KY, **Odell DD**. Survival of Primary SBRT Compared to Surgery for Operable Stage I/II Non-Small Cell Lung Cancer. *Ann Thorac Surg*. 2020 Mar 5. pii: S0003-4975(20)30341-6. doi: 10.1016/j.athoracsur.2020.01.073. PMID: 32147416
 - c. Rajaram R, Mohanty S, Bentrem DJ, Pavey ES, **Odell DD**, Bharat A, Bilimoria KY, DeCamp MM. *Nationwide Assessment of Robotic Lobectomy for Non-Small Cell Lung Cancer*. *Ann Thorac Surg*. 2017 Jan 18. pii: S0003-4975(16)31377-7. doi: 10.1016/j.athoracsur.2016.09.108. [Epub ahead of print]
 - d. **Odell DD**, Antonoff M, Backhus L, Boffa DJ, Brown LM, Clark JM, Carrott P, Cooke DT, David EA, Facktor M, Farjah F, Grogan E, Isbell J, Jones DR, Kidane B, Kim A, Keshavjee S, Krantz S, Lui N, Martin L, Meguid RA, Meyerson S, Mullet T, Nelson H, Phillips JD, Puri V, Shulman L, Rusch V, Wakeam E, Wood DE. COVID-19 Guidance for Triage of Operations for Thoracic Malignancies: A Consensus Statement from Thoracic Surgery Outcomes Research Network, the Society of Thoracic Surgeons and the American Association for Thoracic Surgery. Accepted *Ann. Thorac. Surg*. 2020 Mar 28. and *J Thorac Cardiovasc Surg*. 2020 Mar 28. [Concurrent Publication]

Contribution to Science

3. As a member of the faculty of the Illinois Surgical Quality Improvement Collaborative, a focus of my recent work has centered on understanding the impact of institutional culture on quality improvement and outcomes following surgical procedures. We have worked extensively on the development of collaborative models for quality improvement. These principles are directly relevant to the current proposal.
 - a. Yuce TK, Yang AD, Johnson JK, **Odell DD**, Love R, Kreutzer L, Schlick CJR, Zambrano MI, Shan Y, O'Leary KJ, Halverson A, Bilimoria KY. Association Between Implementing Comprehensive Learning Collaborative Strategies in a Statewide Collaborative and Changes in Hospital Safety Culture. *JAMA Surg.* 2020 Oct 1;155(10):934-940. doi: 10.1001/jamasurg.2020.2842. PMID: 32805054
 - b. **Odell DD**, Quinn CM, Matulewicz RS, Johnson J, Engelhardt KE, Stulberg JJ, Yang AD, Holl JL, Bilimoria KY. *Association Between Hospital Safety Culture and Surgical Outcomes in a Statewide Surgical Quality Improvement Collaborative.* *J Am Coll Surg.* 2019 Aug;229(2):175-183. doi: 10.1016/j.jamcollsurg.2019.02.046. Epub 2019 Mar 9. PMID: 30862538
 - c. **Odell DD**, Bilimoria KY. Evaluating Appropriate Blood Transfusion in Cancer Surgery. *JAMA Surg.* 2016 Jun 1;151(6):525-6. doi: 10.1001/jamasurg.2015.5104. PMID: 26763614

Contribution to Science

4. I also have an interest in graduate and undergraduate medical education. Our research has focused on influence of trainees on quality and patient safety. To facilitate further prospective research in surgical education I helped co-found and am the current president of a co-operative education research group in thoracic surgery which now serves as the formal research body of the Thoracic Surgery Directors Association.
 - a. Engelhardt KE, Bilimoria KY, Johnson JK, Hewitt DB, Ellis RJ, Hu YY, Chung JW, Kreutzer L, Love R, Blay E, **Odell DD**. A National Mixed-Methods Evaluation of Preparedness for General Surgery Residency and the Association with Resident Burnout. *JAMA Surg.* 2020 Sep 1;155(9):851-859. doi: 10.1001/jamasurg.2020.2420. PMID: 32804992
 - b. Barnum T, Tatebe LC, Halverson AL, Helenowski IB, Yang AD, **Odell DD**. Outcomes Associated With Insertion of Indwelling Urinary Catheters by Medical Students in the Operating Room Following Implementation of a Simulation-Based Curriculum. *Acad Med.* 2020 Mar;95(3):435-441. doi: 10.1097/ACM.0000000000003052. PMID: 3165143
 - c. **Odell DD**, Macke RA, Tchantchaleishvili V, Loor G, Nelson JS, LaPar DJ, LaZar^{JF}, Wei B, DeNino WF, Berfield K, Stein W, Youssef SJ, Nguyen TC. *Resident Perception of Technical Skills Education and Preparation for Independent Practice.* *Ann Thorac Surg.* 2015 Sep 24. pii: S0003-4975(15)01090-5. doi: 10.1016/j.athoracsur.2015.05.135. PMID: 26410161
 - d. Bilimoria KY, Chung JW, Hedges LV, Dahlke AR, Love R, Cohen ME, Hoyt DB, Yang AD, Tarpley JL, Mellinger JD, Mahvi DM, Kelz RR, Ko CY, **Odell DD**, Stulberg JJ, Lewis FR. *National Cluster-Randomized Trial of Duty-Hour Flexibility in Surgical Training.* *N Engl J Med.* 2016 Feb 2. [Epub ahead of print. PMID:26836220

For a Complete Listing of my publications, please see:

<https://www.ncbi.nlm.nih.gov/sites/myncbi/david.odell.1/bibliography/51671179/public/?sort=date&direction=descending>

Funding

D. Research Support

Ongoing Research Support

K07CA216330 Career Development Award National Cancer Institute (NCI) Development of a Novel Statewide Learning Collaborative to Increase Lung Cancer Guideline Adherence and Improve Cancer Care Delivery	Odell (PI)	9/15/2017-8/31/2022
R01HS024516-01 Agency for Healthcare Research and Quality (AHRQ) Evaluation of a Multi-Component Statewide Surgical Quality Collaborative To evaluate the implementation of the Illinois Surgical Quality Improvement Collaborative Role: Co-Investigator	Bilimoria (PI)	3/1/2016–2/28/2021
U54CA203000-06 (Simon PI - Parent Award) National Cancer Institute (NCI) Supporting High Risk African American Men in Research, Engagement & Decision Making (SHARED) Implementation of a culturally tailored decision aid to promote lung cancer screening.	Odell (PI – Sub-award)	9/20/2020-8/31/2023

Completed Research Support

Northwestern University Innovations Grant Northwestern Medicine Leveraging Patient Reported Outcomes to Develop a Remote Lung Cancer Surveillance Program	Odell (PI)	9/1/2019-8/31/2020
Faculty Research Scholarship The American College of Surgeons Development of a novel lung cancer collaborative for research.	Odell (PI)	7/01/2017-6/30/2019
Research Award The Thoracic Surgery Foundation, Society of Thoracic Surgeons Assessment of guideline adherence in lung cancer care at 12 Illinois hospitals.	Odell (PI)	7/01/2017-6/30/2019
IRG-15-173-21 Research Award American Cancer Society Improving Delivery of Care in Esophageal Cancer via a Learning Collaborative Model	Odell (PI)	9/01/2017-8/30/2019
SP0037707 American Association for Thoracic Surgery; Graham Foundation Assess the baseline quality of lung cancer care provided within the Northwestern Medicine system, and then, to evaluate hospital characteristics which either promote high quality care or impose barriers to such care. Finally, the project will create a learning collaborative model within the Northwestern system to attempt to improve lung cancer care.	Odell (PI)	7/01/2016-6/30/2018

Maintaining your CV/Biosketch

- Make a habit of updating these in real time
 - Papers
 - Abstracts
 - Presentations
 - Committees
- Set up your My NCBI page
- Know your Metrics
 - H-Index, etc.

Closing thoughts

- Your Biosketch and Specific Aims page are the two most important components of most grants
- Aesthetics and layout Matter
- Create a narrative
- Sell your role in the proposed research – make the personal statement specific
- Edit all Biosketches if you are the PI