

# CURRICULUM VITAE

**DATE PREPARED:** 6/29/20

**NAME:** Louise Davies, MD, MS, FACS

## I. EDUCATION:

<u>Date</u>	<u>Institution</u>	<u>Degree</u>
2003 - 2005	University of Washington School of Public Health, Seattle, Washington Masters of Science - health services research & health policy	MS
1994 - 1998	University of Washington School of Medicine (UW) Seattle, Washington Doctor of Medicine, <i>with thesis honors</i>	MD
1988 - 1992	University of Vermont (UVM) Burlington, Vermont Bachelor of Science - physical therapy, <i>cum laude</i>	BS

## II. POSTDOCTORAL TRAINING & FELLOWSHIPS:

<u>Date</u>	<u>Institution</u>	<u>Title</u>
2003-2005	Robert Wood Johnson Clinical Scholars Program University of Washington, Seattle, WA	<i>Fellowship in Clinical research</i>
1999 - 2003	UVM, Burlington, Vermont & Dartmouth Hitchcock Medical Center, Lebanon, NH (coordinated program)	<i>Residency in Otolaryngology-Head and Neck Surgery</i>
1998 - 1999	University of Vermont, Burlington, Vermont	<i>Internship in General Surgery</i>

## III. ACADEMIC APPOINTMENTS:

<u>Date</u>	<u>Institution</u>	<u>Title</u>
2005- present	Geisel School of Medicine at Dartmouth, Hanover, NH <i>Primary:</i> Department of Surgery – Otolaryngology <i>Secondary:</i> The Dartmouth Institute for Health Policy & Clinical Practice	Assoc. Professor 2013- Assist. Professor 2005-13
2005- present	VA Outcomes Research Group, White River Junction, VT	Faculty
2003-2005	University of Washington, Seattle, Washington	Senior Fellow

## IV. DARTMOUTH INSTITUTIONAL LEADERSHIP ROLES:

<u>Date</u>	<u>Institution</u>	<u>Title</u>
2014- 2017	VA Medical Center, White River Junction, VT National VA Quality Scholars Program	Fellowship Director
2008-	VA Medical Center, White River Junction, VT	Service Chief -

present Department of Surgery

Otolaryngology

**V. LICENSURE AND CERTIFICATION:**

<u>Date</u>	<u>Licensure / certification</u>
2004-2024	American Board of Otolaryngology – Head & Neck Surgery Initial Certification: 2004-2014 Re-certification: 2014-2024 (achieved February 2012)
2003-present	Physician and surgeon license: New Hampshire (2005 – present) Washington (2003 – 2005)
1992	American Board of Physical Therapy (no recertification process)
1992-1998	Physical Therapy license Washington (1992-1998)

**Va. SPECIAL SURGICAL TRAINING**

<u>Date</u>	<u>Course or experience name/qualification</u>
2017	Surgical observership – Kuma Hospital, Kobe Japan (Thyroid cancer specialty hospital) – 7 weeks.
2015	AACE Advanced Endocrine Neck Ultrasound with Hands on Practicum. Endo 2015, San Diego, CA. 8.5 hrs.
2012	ATA/AACE Endocrine Neck Ultrasound with Hands On Practicum: contemporary use of ultrasound and FNA in the management of thyroid and parathyroid disorders. Annual meeting of the ATA, Quebec, Canada. 8.5 hrs.
2008	Transoral Laser Microsurgery with Practicum. Washington University at St. Louis, MO. 20 hrs.

**VI. HOSPITAL APPOINTMENTS:**

<u>Date</u>	<u>Institution</u>	<u>Hospital title</u>
2005-present	VA Medical Center, White River Junction, VT Department of Surgery - Otolaryngology	Staff Physician
2005-present	Dartmouth Hitchcock Medical Center, Lebanon, NH Department of Surgery – Section of Otolaryngology	Staff Physician
2003-2005	Puget Sound Veterans Affairs Medical Center, Seattle, WA Department of Surgery – Division of Otolaryngology	Staff Physician
2003-2005	Harborview Medical Center, Seattle, WA Department of Surgery – Division of Otolaryngology	Staff Physician

**VII. OTHER PROFESSIONAL POSITIONS:**

<u>Date</u>	<u>Institution/Organization</u>	<u>Position title</u>
1994-1998 (part time)	Harborview Medical Center, Seattle, Washington <i>Inpatient and ICU care</i>	Physical Therapist
1992-1994 (full time)	<i>Inpatient rehabilitation: spinal cord injury, brain injury, burns, amputation</i>	

**VIII. TEACHING ACTIVITIES:****A. UNDERGRADUATE MEDICAL EDUCATION:**

DATES	NAME OF COURSE OR ACTIVITY	ROLE	FREQUENCY	HOURS
2008-2009	Head & Neck Anatomy	Guest lab instructor	annually (winter term)	8 hrs/year
2006-present	Systems based learning - the respiratory system	Guest lecturer: Head and Neck Cancer: diagnosis and treatment	annually (fall term)	1 hr/year
2005-present	3 <sup>rd</sup> yr surgical clerkship – general surgery	Attending surgical staff providing VA operative experience	monthly	2 hrs/month

**B. GRADUATE EDUCATION:****THE DARTMOUTH INSTITUTE FOR HEALTH POLICY & CLINICAL PRACTICE**

DATES	NAME OF COURSE OR ACTIVITY	ROLE	FREQUENCY	HOURS
2016-2017	PH214: Qualitative and Survey Research Methods	Founder and Course Co-Director	Annually (spring term)	40 hour hybrid course
2009-2017	PH125: Qualitative Research Methods in Health Services Research	Founder and Course Director	annually (winter term)	20 contact hour course
2011-2014	ECS 123 Introduction to Quality Improvement	Guest lecturer: Interviews and Focus Groups for QI	annually (fall term)	2 contact hrs/year
2007-2017	ECS 113: Introduction to Inferential Methods	Guest lecturer: Introduction to qualitative research methods	annually (fall term)	2 contact hrs/year
2006 - 2008	Seminars in Public Health	Guest lecturer: Using qualitative research methods	annually	3 hrs/year

**THE DARTMOUTH MASTERS OF HEALTH CARE DELIVERY SCIENCE PROGRAM**

DATES	NAME OF COURSE OR ACTIVITY	ROLE	FREQUENCY	HOURS
2012 - 2014	Action Learning Project	Project Coach	Intermittent, continuous	40 contact hours per 6 month term

**C. GRADUATE MEDICAL EDUCATION:**

DATES	NAME OF COURSE OR ACTIVITY	ROLE	FREQUENCY	HOURS
2005 – present	Otolaryngology Resident Clinical Supervision	Attending staff educating residents in surgery and clinical care of patients	continuous	
2008-2017	Otolaryngology resident education	Director of the research experience	continuous	4 hrs/month
2007-present	Outpatient elective for Internal Medicine Residents	Staff physician providing exposure and experience in outpatient ENT	monthly	4 hours

**D. UNDERGRADUATE COLLEGE – n/a****E. CONTINUING MEDICAL EDUCATION**

DATES	NAME OF COURSE OR ACTIVITY	ROLE	FREQUENCY	HOURS
November 2019	New England AACE – Surgical Collaborative, Newton, MA	Lecturer and Panelist: Choosing between hemithyroidectomy and total thyroidectomy	once	1 hour
September 2019	Autumn in New England, DHMC, Lebanon, NH	Course lecturer: Active Surveillance to total thyroidectomy – options for early stage thyroid cancer patients	once	0.5 hours
May 2019	SQUIRE Writing Workshop, Vancouver, BC Health Provision Authority	Conference Co-Director	once	16 hours
November 2018	SQUIRE Writing Workshop, Houston VA Sponsored	Conference Co-Director	once	16 hours
November 2018	Harvard Thyroid and Parathyroid Course, Boston, MA	Course lecturer: The epidemiology of radiation induced thyroid cancer	once	0.5 hrs
November 2017	SQUIRE Writing Workshop, San Diego, CA	Conference Co-Director	once	16 hours
July 2017	World Congress on Thyroid Cancer, Boston, MA	Instructional Course Lecturer for three courses	once	4.5 hours
March 2017	The SQUIRE European Writing Conference	Conference Co-Director	once	16 hours
November 2016	The SQUIRE Writing Conference, Hanover, NH	Conference Co-Director	once	16 hours
November 2016	MD Anderson Cancer Center – Creating Value in Head & Neck	Course lecturer: How to publish your Quality Improvement work	once	1.0 hrs

November 2016	Cancer Care Harvard Thyroid and Parathyroid Course, Boston, MA	Course lecturer: The epidemiology of thyroid cancer	once	0.5 hrs
April 2016	Primary care in otolaryngology, Hanover, NH	Course lecturer: Appropriate test ordering for thyroid workups	once	0.5 hrs
November 2015	The SQUIRE Writing Conference, Hanover, NH	Conference Co-Director	once	16 hours
October 2015	Fall in New England: Otolaryngology Update	Course lecturer: Update on Thyroid Nodule Guidelines	once	0.5 hrs
March 2015	Preparing scholarly work publication – the SQUIRE Guidelines, Mayo Clinic Rochester	Conference Co-Director	once	4 hours
December 2014	Harvard Thyroid and Parathyroid Course	Course lecturer: Understanding the increasing incidence of thyroid cancer	once	0.5 hrs
October 2014	Fall in New England: Otolaryngology Update	Course lecturer: Prognostication tools for oral cancer	once	0.5 hrs
September 2014	Surgery Grand Rounds: Dartmouth Hitchcock	Guest speaker: Prognostication tools for cancer care	once	0.75 hrs
June 2014	Preparing scholarly work publication – the SQUIRE Guidelines, Mayo Clinic, Jacksonville, FL	Conference Co-Director	once	4 hours
October 2013	Fall in New England: Otolaryngology Update	Course lecturer: Grade in oral cancer	once	0.5 hrs
October 2012	Fall in New England: Otolaryngology Update	Course Lecturer: Informed Decision Making in Thyroid Cancer	once	0.5 hrs
June 2012	Surgery Grand Rounds: Dartmouth Hitchcock	Lecturer: Rational management of the thyroid nodule	once	0.75 hrs
October 2011	Fall in New England: Otolaryngology Update	Course lecturer: New Thyroid FNA Interpretation Guidelines	once	0.5 hrs
April 2010	Primary care in otolaryngology	Course lecturer: Primary care ENT emergencies	once	1 hour

## F. COMMUNITY EDUCATION

DATES	NAME OF COURSE OR ACTIVITY	ROLE	FREQUENCY	HOURS
January 2019	Irving Energy Institute: Notes from a trip to the site of the Fukushima Nuclear Accident	Guest Speaker	once	1 hr
September 2018	Kaiser Health News Forum, Washington, DC: "Treatment overkill"	Panelist	once	1.5 hours
May 2015	Dartmouth Hitchcock Head & Neck Cancer Patient Education Day	Speaker – should I be screened for lung cancer?	once	1 hr
March 2014	New Hampshire Cancer Coalition Annual Meeting	Key Note Speaker: Early cancer detection – glass half full, or glass half empty?	once	1 hr

#### IX. STUDENT / FELLOW ADVISING / MENTORING

DATES	NAME OF STUDENT	ROLE	PROGRAM
2018-2019	Karissa Leclair	Research Mentor	Geisel School of Medicine research year
2016-2018	Ravinder Kang, MD General Surgery	F.Ship	VA National Quality Scholars Program
2016-2018	Jesse Columbo, MD Vascular Surgery	F.Ship	VA National Quality Scholars Program
2014-2016	Karina Newhall, MD General Surgery	F.ship Director	VA National Quality Scholars Program
2016	Subasish Bhowmick, Geisel medical student	Research Mentor	Geisel Medical Student Summer Research Program: Educational materials to meet thyroid cancer patient needs
2015	Chase Hendrickson, MD Fellow	Research Mentor	Leadership & Preventive Med Residency – patient narratives project
2015	Gregory Hanson, Geisel medical student	Research Mentor	Geisel Medical Student Summer Research Program: Understanding deaths due to thyroid cancer
2015	Sappho Gilbert, MPH candidate	Research Mentor	Lombard Fellowship, Dartmouth College: Qualitative study to develop suicide prevention approaches in an Inuit community in Nunavit, Canada
2015	Emma Jones, MSc PhD candidate	Thesis Advisor	University of Leicester PhD in quality improvement
2014	Chengetai Mahomva, Geisel medical student	Research Mentor	Gold Humanism in Medicine Research Award: Improving school access in South Africa for tracheostomy dependent children

2014	Jack E. Russo, MD Resident	Research Mentor	Otolaryngology residency research project: Telemedicine – development of real time physical exam capability for remote Veterans
2013	J. Aaron Barnes Geisel medical student	Research Mentor	Geisel Medical Student Summer Research Program: Readability of patient accessible thyroid nodule materials
2013	Kyla J. Donnelly MPH candidate	Research Mentor	Capstone Project Methods Mentor: Understanding the experience of African Women with post obstetric fistula: an interview study
2013	Brian A. Thomas, MD Resident	Research Mentor	Otolaryngology residency research project: Reconsidering the importance of grade in early stage oral cancers
2012	Laura L. Shively, MD Resident	Research mentor	Otolaryngology residency research project: Development of Outpatient Surgical Quality Metrics
2007-11	P. Tate Maddox, MD Resident	Research mentor	Otolaryngology residency research project: Laryngectomy outcomes and trends in the U.S. – a study using the National Inpatient Sample Research assistant project: Parotid surgery at Dartmouth Hitchcock Medical Center – 20 year experience
2010	Denise Serrano-Eanelli, MPH Candidate	Directed readings faculty	Research Project: Using mixed methods research for planning and evaluating a cancer survivor support program
2010	Jeremiah Brown, PhD Candidate	Directed research faculty	Research methods advisor: Mixed methods analysis of renal function outcomes after cardiac catheterization procedures
2010	Lisa Leary, MPH Candidate	Directed research faculty	Research Project: Nursing home leadership attitudes toward and perceptions of quality improvement
2009	Emiy Homan, MPH Candidate	Thesis advisor: content expert	Thesis Capstone: Qualitative study of physicians' perceptions of resource availability for their alcohol dependent patients.
2008	Laura Barre, MD. Post Doc. Fellow	Methods advisor	Research Project: Qualitative study of decision making among frail elders
2008	Mark Hunter, UVM Medical student	Research mentor	Research project: The path to papillary thyroid cancer diagnosis – a chart review study
2007-8	Michelle Ouellette, Dartmouth Medical Student	Research mentor	Research project: The path to papillary thyroid cancer diagnosis – a chart review study
2007-8	Manish Mishra, MD Resident	Research mentor	Research projects: Improving decubitus ulcer prevention. Laryngectomies at Dartmouth – Outcomes over 15 years.
2006-7	Gregory Danielson, MD, Resident	Research mentor	Research project: Molecular marker utility in predicting prognosis of oral lichen planus

2006-7	Kenneth Deem, MD Fellow	Research Mentor	Leadership & Preventive Med Residency - Quality Improvement project: Improving completion rates for advance directives
2006	Tamara Rimash, MD, Resident	Research mentor	Poster presentation at national meeting: Blindness after maxillary artery embolization for epistaxis

**X. RESEARCH FUNDING:****A. Current**

DATES	PROJECT TITLE/NUMBER	ROLE / % EFFORT	SPONSOR	ANNUAL DIRECT COSTS
2018-2021	COMET Trial – Clinical Trial Recruitment remediation	Co - investigator 0.2 FTE	PCORI	\$53,000
2013-2020	SEER Query System Development for Head & Neck Cancer	Contract/ 5%	NCI	\$15,000

**B. Past**

DATES	PROJECT TITLE/NUMBER	ROLE / % EFFORT	SPONSOR	ANNUAL DIRECT COSTS
2017-2018	Overdiagnosis and cancer screening	Contract	AHRQ	\$7000
2017-2018	Managing Thyroid Cancer Overdiagnosis	PI/0.4FTE	Fulbright U.S. Scholar Program US Department of State	\$30,000
2017	Dissemination of the SQUIRE Publication Guidelines	Dual PI	Health Foundation, UK	\$20,000 (british pounds)
2012-2016	Evaluation and Updating of the SQUIRE Guidelines for Scholarly Reports of Quality Improvement Work	Dual PI 7.5%	Robert Wood Johnson Foundation & Health Foundation U.K.	\$146,000
2014-2016	Harnessing patient stories: bringing patient's experiences of observing thyroid nodules to the public	PI	Medical Humanities Initiative, Mellon Center, Dartmouth	\$10,000
1/2011 – 6/2013	Development of a thyroid nodule registry	P.I. / no FTE requested	Dartmouth Center for Comparative Effectiveness Research in Cancer Imaging Pilot Award	\$50,000
10/ 2012 –	The right surgical instrument at the	PI /	VISN I VA Quality	\$25,000



9/2013	right time and place	FTE n/a	Improvement Innovation Grant Program	
2010-2012	Improving Patient Outcomes via the Clinical Improvement Work of Learners	Consultant 0.1 FTE	VA HSR&D PI: Greg Ogrinc, MD, MS	
2009 – 2011	Correct surgical instrument labeling: A quality improvement initiative to promote patient safety	PI / FTE n/a	VISN I VA Quality Improvement Innovation Grant Program	\$25,000
2007 - 2010	Thyroid Cancer Overdiagnosis	Career Development Awardee / 0.5FTE	Robert Wood Johnson Foundation <i>Physician Faculty Scholars Program</i>	\$100,000
2003 - 2005	Improving decision making in head and neck cancer	Clinical Research fellowship / 1.0 FTE	<i>Robert Wood Johnson Clinical Scholars Fellowship (VA Scholar)</i>	\$50,000
2000	Project: Ki-67: Can it help determine prognosis for head and neck cancer?	PI	<i>New England Otolaryngologic Society</i>	\$3000

**C. Pending –**

DATES	PROJECT TITLE/NUMBER	ROLE / % EFFORT	SPONSOR	ANNUAL DIRECT COSTS
7/1/2020 - 6/30/2025	Estimating and Mitigating Thyroid Cancer Overdiagnosis: A Mathematical Modeling Approach	Co-I / 0.15 yr 1, 0.2 yrs 2-5	NCI	500,000
1/1/21 – 12/31/226	Large Pragmatic Clinical Trial – the CASSTLe study – comparing active surveillance to surgery for thyroid lesions	Study Chair/ 0.5 FTE	ECOG ACRIN	TBD

**XII. ENTREPRENEURIAL ACTIVITIES –**

N/A (government employees may not pursue personal financial benefit from their work as employees)

**XII. MAJOR COMMITTEE ASSIGNMENTS:****National / International**

<u>DATES</u>	<u>COMMITTEE</u>	<u>ROLE</u>	<u>INSTITUTION</u>
2019	Investigation of Thyroid Cancer Cluster for the State of North Carolina	Expert Task Force Member	Action of the Legislature of North Carolina, administered by the University of North Carolina
2017-2019	Task Force for Thyroid Cancer Screening Recommendations after Nuclear Accidents	Expert Task Force Member	International Agency for Research on Cancer (World Health Organization)
2013 - present	National Field Advisory Board for Otolaryngology	Chair 2018-21 Member 2013-18	National Surgery Office Department of Veterans Affairs

**Regional**

<u>DATES</u>	<u>COMMITTEE</u>	<u>ROLE</u>	<u>INSTITUTION</u>
2016 - present	VISN I Surgical Specialty Leadership Team	Member	VISN I Department of Veterans Affairs

**Institutional**

<u>DATES</u>	<u>COMMITTEE</u>	<u>ROLE</u>	<u>INSTITUTION</u>
2018-present	Education Advisory Board to the Executive Director	Member	Program in Public Health Dartmouth Institute for Health Policy and Clinical Practice
2015 - 2017	Internal review Board (IRB) – Human Subjects Protection	Vice Chair	Veterans Affairs Medical Center, White River Junction, Vermont
2014 – 2015	Education Review Committee	Member	Dartmouth Institute for Health Policy and Clinical Practice
2007-15	Research & Development	Chair (2011-14)	Veterans Affairs Medical Center, White River Junction, Vermont
2011 - 2013	Cancer Committee Cancer Conference subcommittee	Member Chair	Veterans Affairs Medical Center, White River Junction, Vermont
2001 - 2002	Ethics Committee	Member	Fletcher Allen Health Care, Burlington, Vermont
1993 - 1998	Ethics Committee/ Consultation Service	Member	Harborview Medical Center, Seattle, Washington
1994 - 1998	Admissions	Student Representative	University of Washington School of Medicine Seattle, Washington

**XIV. OFFICE AND COMMITTEE ASSIGNMENTS IN PROFESSIONAL SOCIETIES:**

<u>DATES</u>	<u>SOCIETY</u>	<u>ROLE</u>
2019-2022	American College of Surgeons	Member, Committee on Applicants
2018-present	American Head and Neck Society	Vice Chair, Clinical Research Committee
2018 – 2019	American Association of Clinical Endocrinologists	Member, Disease State Network: Thyroid
2017-present	American Thyroid Association	Surgical Affairs Committee member
2016-present	American Head & Neck Society	Endocrine Section – Founding Research lead
2013-present	American Association of Clinical Endocrinologists	Endocrine Surgery Scientific Committee
2013-2017	American Head & Neck Society	Research Committee – member
2011, 2016	The Triological Society	Program Committee - member
2004-2007	American Academy of Otolaryngology - Head & Neck Surgery	Credentials committee - member
1996-1997	American Medical Women's Association (AMWA)	Board of Directors - National Student Coordinator
1995-1996		Regional Student Coordinator

**XV. EDITORIAL BOARDS:**

<u>DATES</u>	<u>JOURNAL NAME</u>
2018 - present	JAMA – Otolaryngology, Associate Editor
2017-2018	JAMA – Otolaryngology, Editorial Board
2015-present	The Laryngoscope – Committee: Systematic and Evidence-Based Reviews section of the journal.
2013 - 2015	Oral Oncology – Associate Editor
2013-present	Thyroid
2011-present	Journal of Adolescent and Young Adult Oncology

**XVI. JOURNAL REFEREE ACTIVITY:**

<u>DATES</u>	<u>JOURNAL NAME</u>
2020-	<i>Annals of Surgical Oncology</i>
2018 -	<i>The New England Journal of Medicine</i>
2015 -	<i>Journal of the American College of Surgeons</i>

- 2015 - *BMJ Quality & Safety*
- 2014 - *Cancer*
- 2014 *Journal of Clinical Endocrinology & Metabolism*
- 2013 - *BMJ*
- 2012 - *Thyroid*
- 2012 - *Oral Oncology*
- 2010- *JAMA – The Journal of the American Medical Association*
- 2009- *BMJ – The Archives of Diseases in Pediatrics*
- 2008- *JNCI – Journal of the National Cancer Institute*
- 2008- *The Laryngoscope*
- 2006- *Head & Neck*
- 2006- *JAMA – Otolaryngology (formerly Archives of Otolaryngology – Head & Neck Surgery)*

**XVII. AWARDS AND HONORS:**

<u>DATE</u>	<u>AWARD NAME</u>
2017	Fulbright US Scholar Award, Global Scholar
2016	Expert Reviewer, US Preventive Services Task Force on Thyroid Cancer Screening
2013	Elected to fellowship in the American Head & Neck Society
2013	Elected to fellowship in The American College of Surgeons
2010	AAMC Early Career Women Faculty Professional Development Course Washington, DC
2009	Elected to fellowship in The Triological Society
2002	Resident competition – <i>first prize</i> . Thyroid Lymphoma New England Otolaryngologic Society, Boston, MA
2000	Resident competition - <i>third prize</i> . Uses of New Technology in Preoperative Planning of Carotid Artery Sacrifice New England Otolaryngologic Society, Boston, MA
1998	<i>Virginia Mason Clinic Award</i> For the senior medical student showing outstanding ability to combine compassion, knowledge and judgment in the care of patients University of Washington, Seattle, Washington
1997	<i>Alpha Omega Alpha, Medical Honor Society</i> University of Washington, Seattle, Washington

- 1997 *Herbert S. Ripley Award for a Medical Thesis*  
For a medical student thesis which contributes significantly to medicine  
University of Washington, Seattle, Washington
- 1991 *Mortar Board Senior National Honor Society*  
University of Vermont, Burlington, Vermont
- 1991 *Tower Senior Women's Honor Society*  
University of Vermont, Burlington, Vermont

**INVITED PRESENTATIONS:****International:**

<b><u>DATE</u></b>	<b><u>TOPIC</u></b>	<b><u>ORGANIZATION</u></b>	<b><u>LOCATION</u></b>
2020	University of Toronto Annual Guest Lecture on Quality and Safety	University of Toronto	Ontario, CA
2018	In-person vs digitally conducted semi structured interviews and focus groups, a scoping review	Database for Individual Patient Experiences (DIPEX) Oxford University	Groningen, Netherlands
2018	Using the SQUIRE Guidelines for Designing and Reporting Improvement Work	THIS Institute, Cambridge University	Cambridge, UK
2018	Overdiagnosis in Thyroid Cancer	Bristol Centre for Surgical Research, University of Bristol	Bristol, UK
2017	Understanding Incidence and Mortality in Thyroid Cancer	Tokyo Thyroid Cancer Advanced Therapy Conference	Japan National Cancer Institute, Tokyo, JP
2017	Management of low risk thyroid cancer (Panel presentation, plenary session)	World Congress on Thyroid Cancer	Boston, MA
2015	1. Development of the SQUIRE Guidelines 2. Introducing SQUIRE 2.0	International Assoc. for Evidence Based Medicine	Taormina, Italy
2013	Updating the SQUIRE Guidelines, Summary of the Evaluation Findings	International Forum for Health Care Improvement	London, England, UK
2012	Using National databases for Research – Instructional Course	8 <sup>th</sup> International Conference on Head & Neck Cancer	Toronto, Ontario, CA

**National:**

<b><u>DATE</u></b>	<b><u>TOPIC</u></b>	<b><u>ORGANIZATION</u></b>	<b><u>LOCATION</u></b>
2019	Debate: Surgery vs Active Surveillance for Thyroid Cancer	American Head & Neck Society	Austin, TX
2018	Panel Moderator: Thyroid Cancer Management Issues	American College of Surgeons	Boston, MA
2016	Publish your healthcare improvement work – the SQUIRE Guidelines	Institute for Health Care Improvement	Orlando, FL
2016	Using National databases for Research – Instructional Course	9 <sup>th</sup> International Conference on Head & Neck Cancer	Seattle, WA
2015	Thyroid cancer: increasing rates are due to changes in detection	Workshop – Endo 2015	San Diego, CA
2014	Thyroid Cancer: worldwide epidemic or diagnostic free for all?	Plenary Session - American Association of Clinical Endocrinologists	Las Vegas, NV
2014	Teaching Quality Improvement to Residents	MD Anderson Cancer Center – Creating Value in Head & Neck Cancer Care	Houston, TX
2012	Overview of the Epidemiology of Thyroid Cancer (plenary session)	American Thyroid Association	Quebec City, CA
2011-2015	Writing for Publication about Quality Improvement	Institute for Health Care Improvement	Orlando, Florida
2008	Overdiagnosis of small papillary thyroid cancers	National Cancer Institute – Thyroid Cancer State of the Science Conference	Bethesda, Maryland

**Regional:**

<b><u>DATE</u></b>	<b><u>TOPIC</u></b>	<b><u>ORGANIZATION</u></b>	<b><u>LOCATION</u></b>
February 2020	Sofferman Endowed Speakership: From active surveillance to total thyroidectomy – identifying treatment options for early stage thyroid cancer patients	University of Vermont Section on Of Otolaryngology	Burlington, VT
June 2019	Weymueller Honorary Speaker – UW Otolaryngology Residency Graduation	University of Washington	Seattle, WA

March 2019	Visiting Professor - Overdiagnosis in Thyroid Cancer	University of Arkansas Cancer Center	Little Rock, AK
July 2018	Visiting Professor: The Japanese patient experience of active surveillance – initial findings	Memorial Sloan Kettering cancer Center,	New York, NY
October 2016	Keynote speaker: The thyroid cancer epidemic: notes from the front lines	Washington University Research Day	St. Louis, MO
May 2016	Visiting Professor: Thyroid Cancer Overdiagnosis and the role of Radiologic Imaging	Brown University department of Radiology	Providence, RI
November 2015	Keynote Speaker: Understanding Thyroid Cancer Overdiagnosis	New England Chapter, Amer. Assoc. of Clinical Endocrinology (AACE)	Marlborough, MA
December 2013	Understanding the epidemiology of thyroid cancer and its consequences	Johns Hopkins University, Endocrinology Department	Baltimore, MD
March 2013	Overdiagnosis in thyroid cancer: Can we get off this train?	Boston Medical Center, Section on Endocrinology and Metabolism	Boston, MA
1997	Provider Attitudes Toward Ethics Consultation	University of Washington Ethics Day	Seattle, WA

**BIBLIOGRAPHY:** <https://www.ncbi.nlm.nih.gov/myncbi/louise.davies.1/bibliography/public/>

#### A. Peer reviewed

##### **Original Articles:**

44. Check DK, Zullig LL, Davis M, Davies L, Chambers DA, Fleisher L, Kaplan SJ, Proctor E, Ramanadhan S, Schroeck FR, Stover AM, Koczwara B. Improvement Science and Implementation Science in Cancer Care: Identifying areas of synergy and opportunities for further integration. Accepted to Journal of General Internal Medicine

43. Marcadis AR, Davies L, Marti JL, Morris LGT Racial Disparities in Cancer Presentation and Outcomes: the Contribution of Overdiagnosis. *JNCI Spectrum*. 2020 Jan 10.

42. Marcadis AR, Marti JL, Ahdaie B, Hakimi AA, Davies L, Morris LGT. Characterizing Relative and Disease Specific Survival in Early Stage Cancers. *JAMA Internal Medicine*. 2019 Dec 9. doi:10.1001/jamainternmed.2019.6120

41. Ogrinc, GO., Armstrong, G., Dolansky, M., Singh, M, Davies, L. SQUIRE-EDU (Standards for Quality Improvement Reporting Excellence in Education): Publication Guidelines for Educational Improvement *Academic Medicine*. Acad Med. 2019 Apr 16;. PubMed PMID: 30998575.
40. Davies L, Roman BR, Fukushima M, Ito Y, Miyauchi A. Patient Experience of Thyroid Cancer Active Surveillance in Japan. *JAMA Otolaryngol Head Neck Surg*. 2019 Jan 31PubMed PMID: 30703198; PubMed Central PMCID: PMC6481594.
39. Meltzer, CJ., Irish, J., Angelos, P., Busaidy, NL, Davies, L., Dwojak, S., Ferris, RL., et al. AHNS Endocrine Section Clinical Consensus Statement: North American Quality Statements and Evidence-Based Multidisciplinary Workflow Algorithms for the Evaluation and Management of Thyroid Nodules. *Head and Neck*. December 18, 2018. PubMed PMID: 30561068
38. Togawa K, Ahn HS, Auvinen A, Bauer AJ, Brito JP, Davies L, Kesminiene A, Laurier D, Ostroumova E, Pacini F, Reiners C, Shinkarev S, Thomas G, Tronko M, Vaccarella S, Schüz J. Long-term strategies for thyroid health monitoring after nuclear accidents: recommendations from an Expert Group convened by IARC. *Lancet Oncol*. 2018 Oct;19(10):1280-1283. Epub 2018 Oct 1. PubMed PMID: 30303113.
37. Davies, L., Petitti, DB, Martin, L., Woo, M., Lin, JS Defining, Estimating and Communicating Overdiagnosis in Cancer Screening. *Annals of Internal Medicine*. 2018 Jul 3 169(1):36-43 PMID: 29946705
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American Journal of Medical Quality

Canadian Journal of Diabetes

Joint Commission Journal on Quality and Patient Safety

Journal of Nursing Care Quality

American Journal of Critical Care

The Permanente Journal

GIMBE Foundation for Evidence Based Health Care

Journal of the American College of Surgeons

Journal of Surgical Research

Medwave - Chile

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### **Editorials:**

- Khariwala SS, Davies L., Weinreich H, Baldassari C, McCoul L, Piccirillo JF. JAMA Otolaryngology Head and Neck Surgery – Best of 2019. *JAMA Otolaryngol Head Neck Surg*. 2020 Jan 2; doi:<https://doi.org/10.1001/jamaoto.2019.4043>
- Piccirillo JF, Yueh B, Davies L., Weaver E. Addressing the Challenges for Otolaryngology Research to Inform Patient Care and Outcomes. *JAMA Otolaryngol Head Neck Surg*. 2017 Sep 1;143(9):865-868. doi: 10.1001/jamaoto.2017.0967. PubMed PMID: 28687818.

Harnessing the Synergy between Improvement Science and Implementation Science in Cancer: a Call to Action. *Journal of Oncology Practice* 2018 June; 14(6):335-340. PMID 29750579

### **Reviews:**

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### **Letter to the Editor:**

Davies L. Sugino K, Sugitani I, Tomoda C. Response to Magner JA: "High Thyroid Cancer Mortality Rate in Japan: A Result of Non-aggressive Treatment Strategy, or Just an Aging Population?" *Thyroid*. 2018 Apr 12. doi: 10.1089/thy.2018.0203. [Epub ahead of print] PubMed PMID: 29644937.

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Davies, L., Ogrinc, G., Mosher, H., Goodman, D., Davidoff, F., Bataden, P., Stevens, DP. Re: The STaRI Guidelines. *BMJ* 2017;356:i6795.

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Group writing of letters to the editor as the goal of journal club. Kallen AJ, Wilson CT, Russell MA, Larson RJ, Davies L. Sirovich BE, Schwartz LM, Woloshin S, Welch HG. *JAMA* 2006 Sep 6;296(9):1053-54.

### **Technical or Expert Reports, Guidelines**

Givi B, Schiff BA, Chinn SB, Clayburgh D, Iyer G, Jalisi S, Moore M, Nathan CA, Orloff LA, O'Neill JP, Parker N, Zender C, Morris LGT, Davies L. Safety Recommendations for Evaluation and Surgery of the Head and Neck During the COVID-19 Pandemic. *JAMA Otolaryngology Head and Neck Surgery*. Online first: March 31, 2020. Doi: 10.1001/jamaoto.2020.0780

Thyroid Health Monitoring after Nuclear Accidents. Expert Task Force for the International Agency for Research on Cancer. World Health Organization, International Agency for Research on Cancer, Lyon, France. 2019. IARC Technical Report no 46. ISBN-13: 978-92-832-2465-5.

International neuromonitoring study group guidelines 2018: Part II: Optimal recurrent laryngeal nerve management for invasive thyroid cancer-incorporation of surgical, laryngeal, and neural electrophysiologic data. Wu CW, Dionigi G, Barczynski M, Chiang FY, Dralle H, Schneider R, Al-Quaryshi Z, Angelos P, Brauckhoff K, Brooks JA, Cernea CR, Chaplin J, Chen AY, Davies L, Diercks GR, Duh QY, Fundakowski C, Goretzki P, Hales NW, Hartl D, Kamani D, Kandil E, Kyriazidis N, Liddy W, Miyauchi A, Orloff L, Rastatter JC, Scharpf J, Serpell J, Shin JJ, Sinclair CF, Stack BC Jr, Tolley NS, Slycke SV, Snyder SK, Urken ML, Volpi E, Witterick I, Wong RJ, Woodson G, Zafereo M, Randolph GW. *Laryngoscope*. 2018 Oct 6. PubMed PMID: 30291765.

International neural monitoring study group guideline 2018 part I: Staging bilateral thyroid surgery with monitoring loss of signal. Schneider R, Randolph GW, Dionigi G, Wu CW, Barczynski M, Chiang FY, Al-Quaryshi Z, Angelos P, Brauckhoff K, Cernea CR, Chaplin J, Cheetham J, Davies L, Goretzki PE, Hartl D, Kamani D, Kandil E, Kyriazidis N, Liddy W, Orloff L, Scharpf J, Serpell J, Shin JJ, Sinclair CF, Singer MC, Snyder SK, Tolley NS, Van Slycke S, Volpi E, Witterick I, Wong RJ, Woodson G, Zafereo M, Dralle H. *Laryngoscope*. 2018 Oct 5. PubMed PMID: 30289983

### **Book Chapters**

Vaccarella S, Davies L. "The inverse care law: overutilization of health services and overdiagnosis. The example of thyroid cancer." In: Reducing Social Inequalities in Cancer: Evidence and Priorities for Research. IARC Scientific Publication No. 168. Editors Vaccarella S, Lortet-Tieulent J, Saracci R, Conway DI, Straif K, Wild CP. World Health Organization, International Agency for Research on Cancer, Lyon, France. 2019. ISBN: 9283222237

Francis DP, Davies, L. "Thyroid Cancer". In: *World Cancer Report: Cancer Research for Cancer Prevention*. Wild CP, Weiderpass E, Stewart BW, editors. Lyon, France: International Agency for Research on Cancer. Available from: <http://publications.iarc.fr/586>

### **Abstracts:**

11. Check DK, Zullig LL, Davis M, Davies L, Chambers DA, Fleisher L, Kaplan SJ, Proctor E, Ramanadhan S, Schroeck FR, Stover AM, Koczwara B. Improvement Science and Implementation Science in Cancer Care: Identifying areas of synergy and opportunities for further integration. *American Society for Clinical Oncology* 2019, Vol 37(27):29

9.,10. Davies, L., Welch, HG. Current trends in thyroid cancer in the United States. (oral presentation)

Davies, L., Pichiotine, E., Tosteson, NA Lessons learned in developing a registry of incidentally detected thyroid nodules. (poster presentation)

*Preventing Overdiagnosis Conference*

Dartmouth College, Hanover, NH, September 2013

8. Thomas, B.R., Stedman, M., Davies, L. Reconsidering the importance of grade in early oral squamous cell carcinoma.

*The American Head & Neck Society*

Orlando, FL, April 2013

6., 7. Davies, L. Grossman, D., Rhodes, LA, Rosenberg, MC, Stevens, DP. The Patient Experience of Decision Making for head & Neck Cancer. *And* Davies, L. Ouellette, M., Hunter M., Welch, H.G. The limitations of FNA as a Diagnostic Tool in Everyday Clinical Management of

## Thyroid Nodules

*The 12<sup>th</sup> Asia-Oceania Otolaryngology Conference*  
Auckland, New Zealand, March 2011 (oral presentations)

5. Davies, L., Ouellette, M., Hunter M., Welch, H.G. Thyroid cancer – where are all the cases coming from? *The Triological Society*  
Orlando, FL., 2010. (oral presentation)

4. Davies, L., Welch, H.G. The natural history of untreated papillary thyroid cancer.  
*7<sup>th</sup> International Conference on Head & Neck Cancer*  
San Francisco, CA., 2008. (Oral presentation )

3. Maddox, P.T., Paydarfar, J.P., Davies, L. Parotid Neoplasms: 20 years of outcome data  
*7<sup>th</sup> International Conference on Head & Neck Cancer*,  
San Francisco, CA., 2008. (oral presentation)

2. Davies L., Welch, H.G. HPV associated cancers of the head & neck. – trends in the USA  
American Head & Neck Society Annual Meeting  
Chicago, Ill. 2006. (oral presentation)

1. Davies, L., Grossman, D., Rhodes, LA. The patient's experience of choice in treatment decision making  
American head & neck Society Annual Meeting  
Chicago, Ill. 2006. (poster presentation).

**B. Non peer reviewed****Original articles:**

3. Maniakas A, Davies L., Zafereo ME. Thyroid Disease Around the World. *Otolaryngol Clin North Am.* 2018 Jun;51(3):631-642. doi: 10.1016/j.otc.2018.01.014. Epub 2018 Mar 13. Review. PubMed PMID: 29548512.

2. Roman, B., Morris, LGT., Davies, L. The Rising Incidence of Thyroid Cancer. *Current Endocrinology and Diabetes*, October, 2017

1. Papillary lesions of indolent course: reducing the overdiagnosis of indolent papillary thyroid cancer and unnecessary treatment *Future Oncology* 2014 Jan; 1091:1-4 PMID 24328403

**Lay press:**

1. Care would improve with a single payer. *The Valley News, Lebanon, NH.* July 19, 2009
2. A daughter and researcher at the bedside. *The Valley News, Lebanon, NH.* November 22, 2009
3. My advanced directive. *The Valley News, Lebanon, NH.* April 18, 2010
4. Bringing informed consent back to patients. The BMJ (blog) August 5, 2014.  
Barry Main, Louise Davies, Angus McNair, Jane Blazeby,  
<http://blogs.bmj.com/bmj/2014/08/05/barry-main-et-al-bringing-informed-consent-back-to-patients/#more-32099>

**Book chapters:**

3. The Incidence of Differentiated Thyroid Cancer. *Thyroid and Parathyroid Surgery*, 3<sup>rd</sup> edition. Edited by Greg Randolph, Springer, *December 2019.*

2. Schmidt, B., Davies, L. (Mancino, A and Kim, L, eds.) 'The Epidemiology of Thyroid Cancer', in *Management of Differentiated Thyroid Cancer*. Springer Nature, published 2017, ISBN 978-3-319-54493-9.

1. Davies, L., Randolph, G. Evidence based Evaluation of the Thyroid Nodule. *Otolaryngology Clinics of North America*, 2014 Aug; 47(4):461-474. PMID: 25041951

### **C. Media Coverage and Requests for Comment – monitored beginning 2014:**

June 2020

MDEdge – Endocrinology and republished at Medscape.com

Thyroid cancer overdiagnosis reaches beyond affluent regions

Nancy A. Melville

<https://www.mdedge.com/endocrinology/article/223734/pituitary-thyroid-adrenal-disorders/thyroid-cancer-overdiagnosis>

October 2019

Synodos – Japanese language scientific news

[https://synodos.jp/fukushima\\_report/23001](https://synodos.jp/fukushima_report/23001)

September 2019

Panel Member – Kaiser Health News: Treatment Overkill

Washington, DC (cross listed in community education)

August 2018

FiveThirtyEight.com

<https://fivethirtyeight.com/features/the-case-against-screening-for-thyroid-cancer/>

Christie Aschwanden

July 2018

Medscape Medical News

<https://www.medscape.com/viewarticle/899830>

Kristen Jenkins

July 2018

Modern Medicine Network

Bryant Furlow

[http://www.cancernetwork.com/thyroid-cancer/perspectives-overdiagnosis-overtreatment-subclinical-thyroid-cancers?rememberme=1&elq\\_mid=2502&elq\\_cid=51694&GUID=5B9EE15A-0B6F-4486-BE43-AB8DC48EC484](http://www.cancernetwork.com/thyroid-cancer/perspectives-overdiagnosis-overtreatment-subclinical-thyroid-cancers?rememberme=1&elq_mid=2502&elq_cid=51694&GUID=5B9EE15A-0B6F-4486-BE43-AB8DC48EC484)

May 2018

Cure Magazine – Thyroid Cancer

Sonya Collins

August 2017

BBC Radio - 'Too Much Medicine? The problem of over treatment'

Aired August 22, 9pm British local time

Interviewee

May 2017

"Patients face anxiety after choosing not to treat thyroid cancer" By Danielle Buco

Curetoday.com and Onclive.com May 19, 2017

<http://www.curetoday.com/articles/patients-face-anxiety-after-choosing-not-to-treat-thyroid-cancer>

<http://www.onclive.com/web-exclusives/study-spotlights-patient-difficulties-when-opting-against-thyroid-cancer-treatment>

April 2017:

NCI Blog – overdiagnosis and the patient narratives study

<https://www.cancer.gov/news-events/cancer-currents-blog/2017/thyroid-cancer-surveillance-support>

BBC Radio interviewee for story on overdiagnosis in cancer – to be aired in summer 2017

Medscape interviewee for reporting on JAMA Surgery publication on thyroid surgery rates before and after insurance expansion [www.medscape.com/viewarticle/878265](http://www.medscape.com/viewarticle/878265)

Medscape Interviewee for reporting on JAMA publication on thyroid cancer epidemiology

[www.medscape.com/viewarticle/878030](http://www.medscape.com/viewarticle/878030)

March 2017:

Interview for Docthyroid podcast: [www.docthyroid.com](http://www.docthyroid.com)

Author in the room podcast for JAMA Otolaryngology publication “Early Adopters of the Thyroid Cancer Overdiagnosis Concept: a Qualitative Study of the U.S. Patient Experience.”

May 2016 – for Changing Trends in the Incidence of Thyroid Cancer in the United States, by Morris et al.

- Thyroid Cancer Cases in U.S. Level Off: Why?, WebMD
- Thyroid Cancer Incidence Leveling Off?, Cancer Network
- Thyroid Cancer Rates Leveling Off, Endocrinology Advisor
- Incidence of diagnosed thyroid cancer may be leveling off, Science Daily
- Annual thyroid cancer incidence may be stabilizing, Healio

January 2016 – Frankfurter Allgemeine Zeitung (German newspaper),  
interviewed by Michael Brendler

October 2015

American Airlines Magazine – the use of ultrasound in the medical office

Interviewee

Article Author: Charlotte Huff

October 2015

EndocrineWeb.com

Interviewee (Kristin Della Volpe author)

May 25, 2015

Oncology Times volume 37, number 10

The role of ultrasound in clinical practice

Interviewee

August 2014

Blog posting on patient centered informed consent for surgery

<http://blogs.bmj.com/bmj/2014/08/05/barry-main-et-al-bringing-informed-consent-back-to-patients/#more-32099>

April 2014

ENT Today

Thyroid Cancer Overdiagnosis – current trends

February 2014



Valley News, Lebanon, NH  
Thyroid Cancer overdiagnosis

February 2014

For publication titled: Current Thyroid Cancer Trends in the United States:

[Thyroid Cancer Cases Soar Due To Overdiagnosis Of Tumors](#), Huffington Post

[Thyroid cancer cases soar; is it overdiagnosed?](#), Fox News

[Is soaring thyroid cancer rate due to overdiagnosis?](#), Examiner

[Surge in Thyroid Cancer Cases May Be Due to Overdiagnoses: Study](#) Read more at, Philadelphia Inquirer

[Surge in Thyroid Cancer Cases May Be Due to This](#), WebMD

[Surge in Thyroid Cancer Cases May Be Due to Overdiagnoses, Study Says](#), Health

[Is Thyroid Cancer Being Overtreated?](#), MedPage Today

[Thyroid Cancer Rates Tripling Due To Overdiagnosis, Not Better Screening: 'Harmless' Tumors](#)

[Mistaken For Cancer](#), Medical Daily

['Epidemic of Diagnosis' Driving Thyroid Cancer Rates Up](#), Monthly Prescribing Reference

May 2013

Self Magazine

Thyroid cancer

Updated by: Louise Davies  
June 29, 2020