

March 1, 2022

Dona J. Upson, MD, MA, ATSF, FCCP

Professional Address

New Mexico Veterans Affairs Health Care Services
111A-Pulm, Medicine
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Dona.Upson@va.gov

Board Certification

American Board of Critical Care Medicine (#107262), 1989-1999
American Board of Pulmonary Medicine (#107262), 1988- American
Board of Internal Medicine (#107262), 1986-
National Board of Medical Examiners (#295628), 1984

MPH Candidate, 1988-90, University of Texas School of Public Health
Houston, International Health

Fellow, 1986-89, University of Texas Health Sciences Center, Houston
Pulmonary, Critical Care & Sleep Medicine

Resident, 1983-86, Jefferson Medical College, Philadelphia
Internal Medicine

MD, 1983, Medical College of Wisconsin, Milwaukee

MA, 1983, Roswell Park Cancer Institute, SUNY-Buffalo Experimental
Pathology

Thesis: Branched chain amino acids and the acutely stressed patient
Research mentors: Frank Cerra, MD; Julian Ambrus, MD, PhD

AB, 1979, Smith College, Northampton, MA
American Studies, English concentration

Professor of Medicine, 2018-
Division of Pulmonary, Critical Care, Allergy & Sleep Medicine
University of New Mexico Health Sciences Center (UNMHSC)

Associate Professor of Medicine, 2002-2018

Employment, Principle

Division of Pulmonary, Critical Care & Sleep Medicine, UNMHSC

Assistant Professor of Medicine, 1999-2002
Division of Allergy, Pulmonary & Critical Care, UNMHSC

Staff Physician, 1999-
Pulmonary, Critical Care & Sleep
New Mexico Veterans Affairs Health Care System
(NMVAHCS)

Assistant Professor of Medicine, 1995-99
Division of General Internal Medicine, UNMHSC

Staff Physician, 1995-99
General Internal Medicine, NMVAHCS

Assistant Clinical Professor, 1990-95
Family & Community Medicine
John A. Burns School of Medicine, University of Hawaii

Faculty, Pacific Basin Medical Officers Training Program.
Pohnpei, Federated States of Micronesia (FSM), 1990-95

Employment, Concurrent

Medical Director and Chair, 2005-
Home Respiratory Care Committee, NMVAHCS

Medical Director, 2003-
Pulmonary Function Lab, NMVAHCS

Medical Director, 2004-2008
Pulmonary Rehabilitation, NMVAHCS

Pulmonary Consultant, 1989-90
Tuberculosis Chest Clinics, City Health Department
Houston, TX

Pulmonary Consultant, Occupational Medicine, 1989-90
Texas Lung Institute, UTHSC, Houston

Clinical Instructor, 1986-90
Department of Internal Medicine, UTHSC, Houston

Instructor, Respiratory Therapy, 1987-88
University of Texas School of Allied Health, Houston

Research Assistant, Metabolism & Nutrition, 1980-81
Department of Surgery, SUNY-Buffalo

Professional Recognition

Invited participant, American Thoracic Society (ATS) Workshop: The EVALI epidemic: pathogenesis, management and future directions. Speaker, "Ramifications of the COVID19 crisis on EVALI research and management." 2021-2022. ATS-funded project.

Invited participant, ATS Workshop: An ATS Clinical Practice Guideline: Treatment of Tobacco Dependence, 2018-2020. ATS-funded project.

Invited participant, ATS Workshop: An ATS Clinical Practice Guideline: Supplemental oxygen therapy for adults with chronic lung disease, 2018-2020. ATS-funded project.

Public Service Award, American Thoracic Society, 2019.

NM Respiratory Care Board Rules Committee, 2019-

Fellow, American Thoracic Society, 2019-

Invited participant, UNM Department of Medicine Dossier Review Committee, 2018-19.

Department of Veterans Affairs Service Award, 2018.

Clinton P. Anderson Award, "for outstanding work and commitment to the citizens of New Mexico," 2017, American Lung Association (ALA).

Invited participant, ATS Workshop: Optimizing Home Oxygen Therapy, 2017-2018. ATS-funded project.

Invited participant, ATS Workshop: An Official American Thoracic Society Policy Statement: Recommendations for the Appropriate Structure, Communication and Investigation of Tobacco Harm Reduction Claims, 2016-2018. ATS-funded project.

Outstanding Reviewer, Annals of Internal Medicine, multiple years.

Invited participant, ATS Workshop: Optimizing Smoking Cessation Interventions in Lung Cancer Screening Programs, 2016-2017.

Certificates of Appreciation, American Thoracic Society:

Tobacco Action Committee, 2013-2017, 2019-

Finance Committee, 2019-

Chair, Health Policy Committee, 2015-2019

Vice-chair, Health Policy Committee, 2012-2015

Health Policy Committee, 2005-2019

Health Equality Committee, 2013-2017

Nominating Committee, 2014

Board of Directors, 2010-2013

Immediate Past-Chair, Council of Chapter Representatives, 2012-2013

Chair, Council of Chapter Representatives, 2011-12

Environmental & Occupational Lung Health Committee, 2008-10
International Lung Health Committee, 2008-09
Government Relations Committee, 2004-05

Appointed NM Legislature Task Force: Tobacco Use and Employer Cost
Chair, subcommittee, Health & the Workplace, 2013

Volunteer of the Year, Albuquerque, 2013 (primarily for work as Chair, Air Quality Board for
Albuquerque & Bernalillo County)

Invited member, NM Department of Health Senate Memorial 57: COPD Working Group, 2012

Expert panelist, US Senate hearing on “Air Quality and Children’s Health” – invited by Sen. Tom
Udall, U.S. Senate Committee on Environment and Public Works, Subcommittee on Clean Air
and Nuclear Safety and the Subcommittee on Children’s Health and Environmental
Responsibility, 2011

Invited participant, ALA Lung Health Disparities Roundtable, Washington DC, 2011

Master Tutor, UNM-HSC, 2010-2015

Outstanding Reviewer Award, American Association of Medical Colleges (top 10 reviewers,
MedEdPORTAL), 2008

Letter of Appreciation, Paul B. Roth, MD, Executive Vice President for Health Sciences; Dean,
School of Medicine, UNM-HSC (service on the HSC Smoke-Free Environment Committee and
contributions to the successful implementation of the HSC’s smoke-free initiative), 2007

Certificates of Appreciation, NM Clinical Prevention Initiative, NM Secretary of Health, NM
Medical Society (for dedication to maximizing the effectiveness and reach of high priority,
evidence-based clinical preventive services delivered by New Mexico health care professionals,
practices, and systems), 2004-2006

Medical Education Scholar, UNM, 2005-2006

Letter of Commendation, Martin J. Chavez, Mayor (for work as a community leader and
decision-maker in the process to create and tailor an Albuquerque model...allowing Medicaid
reimbursement for Assertive Community Treatment services), 2005

Incentive Award, NMVAHCS, 2004

Certificate of Appreciation, Basic Rights New Mexico (for outstanding support and hard work for
the fight for Equality), 2004

Honored Guest, Latino Council on Alcohol & Tobacco National Conference, 2004

Invited participant, Expert Meeting, CDC Consensus Conference: Cardiovascular Health in
Women, Tobacco Working Group, 1998

Invited participant, NIH Office of Research on Women's Health Conference, Adolescence Working Group, 1997

Honored Guest, Tobacco Use Prevention Summer Institute, CDC Office on Smoking and Health, 1997

President's Certificate of Recognition & Appreciation, Federated States of Micronesia, 1996

Certificate of Appreciation, Pohnpei State Health Services, 1996

Certificate of Appreciation, Pacific Basin Medical Officers Training Program, John A. Burns School of Medicine, University of Hawaii, 1995

Fellow, American College of Chest Physicians. 1994-

American Lung Association, National Research Fellow, 1987-1989

American College of Physicians (ACP) Leadership & Recognition

Annals of Internal Medicine Letters of Appreciation: top 30% of reviewers, most years since 2001

Certificate of Appreciation, NM Chapter (for outstanding contribution to the 2005 NM Chapter Scientific Meeting), 2006

Leadership Conference, 2001, 2005

Outstanding Service Award, ACP-NM, 2003-04

Memberships in Professional Societies

Current American Thoracic Society
American College of Chest Physicians
American Public Health Association

Former Society of Critical Care Medicine
American College of Physicians
Society of General Internal Medicine

Other extramural professional activities

Editorial Boards

Associate Editor, Annals of the American Thoracic Society; Section Editor, Health Policy & Financing, 2017-

Associate editor, Southwest Journal of Pulmonary and Critical Care, 2010-
(<http://www.swjpc.com>)

Editorial Consultant, Physicians' Interactive Electronic Resource (PIER), ACP

Academic Reviews

Current Official American Thoracic Society Policy Statements
American Journal of Respiratory and Critical Care Medicine
Annals of the American Thoracic Society
Annals of Internal Medicine

Former
Drug and Alcohol Dependence
Academic Medicine, AAMC
MedEdPortal, Division of Medical Education, AAMC
Current Therapeutic Research (Elsevier)
AAMC Group on Educational Affairs Small Group Discussion Proposals and Mini-Workshop Proposals, Annual Meeting of the AAMC
National Conference on Tobacco or Health
ACP, PIER (web-based reference)
Web-Based, Cross Cultural Educational Treatment Modules, AAMC
Archives of Internal Medicine
Journal of Adolescent Health
Chest

Grant reviewing for funding organizations

The Ohio State University Center of Excellence in Regulatory Tobacco Science project applications, 2015
American Lung Association, 2005-2015
New Mexico Department of Health, Tobacco Use and Prevention and Control, \$4.5 million, 2004
Health Research Council of New Zealand, \$4.26 million, 2004

Administrative work with professional societies

American Thoracic Society

ATS Compensation Working Group, 2021-
Co-lead, Healthcare Admin & Policy, Tobacco Task Force, 2020-
Finance Committee, 2019-
Tobacco Action Committee, 2013-2017, 2019-
Chair, Health Policy Committee, 2015-2019
Vice-chair, Health Policy Committee, 2012-2015
Health Policy Committee, 2005-2019
Health Equality Committee, 2013-2017
Steering Committee, Breathing Better Alliance, 2012-2019
Nominating Committee, 2014
VA Research Subcommittee (of Research Committee), 2011-2014
Board of Directors (BOD), 2010-2013
ATS BOD Documents Review Subcommittee, 2012-2014
Board of Trustees, ATS Foundation Member, 2011-2012
Immediate Past-chair, Council of Chapter Representatives (CCR), 2012-13
Chair, CCR, 2011-12
Chair-elect, CCR, 2010-11
Secretary, CCR, 2009-10
NM Representative, CCR 2005-2014
Environmental & Occupational Lung Health Committee, 2008-10
International Lung Health Committee, 2008-09
Government Relations Committee, 2004-05

New Mexico Thoracic Society

Chapter Advocacy Representative for ATS 2012-
Advisory Board, 1999-2014, 2018-

Program Committee, 1999-2014, 2018-
NM Representative, CCR 2005-2014; interim 2019
Past-president, 2002-03
President, 2001-02
Vice-President, 2000-01
Secretary/ Treasurer, 1999-00

American College of Physicians, NM Chapter

President, 2003-04 (NM received a Chapter Excellence Award)
President-elect, 2002-03 (received a Chapter Excellence Award)
Chair, Health & Public Policy, 2004-2008
Chair, Membership
Leadership Council, 2000-2007

Invited Presentations

Ramifications of the COVID-19 crisis on EVALI research and management. American Thoracic Society Workshop: The EVALI epidemic: pathogenesis, management and future directions. 2021 (Virtual)

Is there a role for electronic nicotine delivery systems (ENDS/e-cigarettes). Scientific Symposium: State of the Art Treatment of Tobacco Dependence. American Thoracic Society International Conference, 2021 (Virtual)

Respiratory Impacts of Wildfires. NM Thoracic Society Annual Conference, 2021

UNM Critical Care ECHO webinar. Air Pollution & COVID-19. 2020

American Lung Association COVID-19 Speaker Series. Air Pollution & COVID-19. 2020

Current policy and regulation of e-cigarettes and heat-not-burn devices: implications for clinicians and researchers. Scientific Symposium presentation. ATS International Conference, 2020 (Virtual)

PICO Question: Where does the electronic cigarette fit in? Scientific Symposium presentation (State of the Art Treatment of Tobacco Dependence). ATS International Conference, 2020 (canceled due to COVID-19 pandemic)

Electronic nicotine delivery systems – health effects of vaping. New Mexico Medical Society Community presentation (4/7/2020 - canceled due to COVID-19 pandemic).

EVALI. Podcast interview, TriCore Laboratories. 2020.

Emerging Tobacco Products & Policies. New Mexico ACTION Conference. Keynote presentation, 2019

Respiratory Effects of Vaping. UNM Miners' Wellness Tele-ECHO Clinic, 2019

Respiratory health implications of the global migrant crisis. Symposium presentation. ATS International Conference, 2019

Health Policy Advocacy 101: Effectively inform your elected officials. Workshop speaker. ATS International Conference, 2019 (canceled)

Tobacco & Vaping. New Mexico Veterans Affairs 2019 Spring PA Conference

JUULing, Vaping & Heat Not Burn – Why are we so worried? New Mexico Thoracic Society Annual Conference, 2019

Are e-cigarettes an emerging public health problem? NM Legislature, Tobacco Settlement Revenue Oversight Committee, 2018

E-cigarettes – why public health advocates need to worry. New Mexico Allied Council on Tobacco, 2018

Are e-cigarettes an emerging public health problem? Scientific Symposium presentation. ATS International Conference, 2018

Advocacy for clinicians. Clinicians' Center presentation. ATS International Conference, 2018

E-cigarettes – why public health advocates need to worry. New Mexico Allied Council on Tobacco Conference (sponsored by NM Department of Health), 2018

Management strategies for tobacco dependence. Case-Based Discussion Session. American College of Chest Physicians, CHEST Annual Conference, 2016

Clearing the air: the truth about marijuana and e-cigarettes. Case-Based Discussion Session. American College of Chest Physicians. CHEST Annual Conference, 2016

Update on state and federal e-cigarette regulations. ATS International Conference, 2016

Should we allow e-cigarette use in hospitals? ATS International Conference, 2016

Tobacco products other than cigarettes – personal & public health effects. NM Thoracic Society Annual Conference, 2015

New Mexico's air quality, oil and gas pollution, and our children's health: what parents need to know. Town Hall, with Congresswoman Michelle Lujan Grisham. Albuquerque NM, 2015

The impact of tobacco dependence on the lesbian, gay, bisexual and transgender community. Symposium: Health Inequality in Tobacco Use and Dependence. ATS International Conference, 2014

Electronic cigarettes. Sandia National Labs, 2014

The health consequences of smoking – 50 years of progress: a report of the Surgeon General. Legislative press conference. Santa Fe (Capitol Rotunda) NM, 2014

Electronic cigarettes – potential harms & benefits. American Cancer Society Workshop, Santa Fe, 2014

Electronic cigarettes. NM Legislature Tobacco Settlement Revenue Oversight Committee, 2014

Electronic cigarettes - potential harms & benefits. NM Pharmacists Annual Conference, 2014

Fire smoke and human health. Southwest Fire Science Consortium, 2014

Asthma. Sandia National Labs, 2012

Respiratory effects of air pollution. Santa Fe, 2012

Health effects of coal-burning power plants. Albuquerque press conference, 2012

Tobacco dependence. Family Medicine Grand Rounds, UNM, 2010

Treating tobacco dependence in underserved and at-risk populations. Post-graduate course: How to help your patients stop smoking and have everybody win. American Thoracic Society International Conference, 2009

COPD. UNM Summer Geriatrics Institute, 2008

Exploring factors that influence tobacco use and cessation among lesbian, gay, bisexual, transgender and queer people in New Mexico. UNM Center for Participatory Research Seminar, 2008

Conducting participatory research with LGBT young Adults. NM Public Health Association Annual Conference, 2008

Tobacco and youth, Key Note Presentation. EXCEL & NM VOICES Youth Conference, 2005

Securing Tobacco Settlement Funds for Health Care. American College of Physicians National Meeting, 2005

State of the art in smoking cessation. Innovations in COPD Conference. Lovelace Clinic Foundation, 2004

Physiology and treatment of tobacco dependence. Tobacco Use Prevention & Control (TUPAC), NM DOH, 2004

Science of smoking and addiction. Sante Fe Lifelink Community Outreach Workshop, 2004

Maintaining lung health during influenza season. Life & Breath Group, ALA, 2004

An evidence-based approach to pulmonary embolism. ACP-NM Annual Conference, 2003

Importance of physician involvement in tobacco control. New Mexicans Concerned About Tobacco, NM DOH, TUPAC, 2003

Smoking & lung disease: asthma & COPD. Tobacco & Health Disparities in New Mexico Conference. Stop Tobacco on My People, National Latino Council on Alcohol & Tobacco Prevention, New Mexicans Concerned About Tobacco, NM DOH, TUPAC, 2002

Tobacco and health. TUPAC Quarterly Contractor Meeting, NM DOH, 2002

An evidence-based medicine approach to pulmonary thromboembolic disease. Grand Rounds, Department of Internal Medicine, UNM, 2002

Health effects of smoking. Great American Smokeout Day. NMVAHCS, 2002

Pharmacologic treatment of tobacco dependence. ALA-NM, 2001

Youth and tobacco. Grand Rounds, Department of Pediatrics, UNM, 2000

Treatment of tobacco dependence. Department of Psychiatry Seminar, NMVAHCS, 2000

Outpatient management of COPD. NM Society of Respiratory Therapists Annual Meeting, 2000

Development of a clinical prediction model for smoking cessation. UNM Tobacco Network Conference, 2000

Pulmonary parasites. NM Thoracic Society Conference, 1999

Tobacco cessation interventions in prenatal clinics. St. Vincent Hospital, Santa Fe, 1998

Smoking cessation products. UNM College of Pharmacy; 1998, 1999

Smoking cessation. NM Society of Health-System Pharmacists, 1997

Medical education in the Pacific. Gross Medical Club, Buffalo, NY, 1997

Practical epidemiology in parasitology. Graduate Student Seminar, Department of Parasitology, UNM, 1995

Parasites in paradise. Grand Rounds, Department of Internal Medicine, UNM, 1995

Recommendations for TB control. FSM National Workshop on Tuberculosis, 1994

Meetings Planned/ Sessions Chaired

Program Committee, NMTS Annual Conferences, 2000-2014; 2019-

Chair, Scientific Symposium: The evolution of inhalation: the biologic, physical, and policy implications of vaping and other novel devices. ATS International Conference, 2020 (Virtual)

Moderator: Current topics in tobacco cessation and e-cigarettes. Poster discussion session. ATS International Conference, 2020 (canceled due to COVID-19 pandemic)

Chair, Scientific Symposium: Addicting a new generation: JUULing, vaping, Heat Not Burn, flavorings, and the evidence for why we should be very concerned. ATS International Conference, 2019

Chair, Workshop: Health Policy Advocacy 101: Effectively inform your elected officials. ATS International Conference, 2019 (canceled)

Chair, RAPID Poster Discussion Session: RAPID: Cutting Edge Research in Smoking Cessation and E-Cigarettes” ATS International Conference, 2018

Chair, Poster Discussion Session: Teachable moments and other novel insights in smoking cessation. ATS International Conference, 2017

Meet the Professor Seminar. Electronic cigarettes and other electronic delivery systems – an overview and update. ATS International Conference, 2016

Co-chair, Symposium: Tobacco smoking and cessation in vulnerable populations. ATS International Conference, 2016

Co-chair, Scientific Symposium: Respiratory health in migrant populations. ATS International Conference, 2016

Lead facilitator, Thematic Poster session: Tobacco, Nicotine, and Marijuana Use, ATS International Conference, 2016

Meet the Professor Seminar. Electronic cigarettes – potential harms & benefits. ATS International Conference, 2015

Curriculum development, NMVAHCS Scan-Echo telemedicine and medical education project, 2013-2015

Co-chair, Great Cases Symposium. ATS International Conference, 2013

Chair, Great Cases Symposium. ATS International Conference, 2011-2012

Chair, Scientific Symposium. Medication availability and access: Issues of value and affordability. ATS International Conference, 2009

Chair, Workshop. Pharmaco-economics of medications for respiratory diseases. ATS International Conference, 2008

Program Director, New Mexico Thoracic Society Annual Conference, 2002

Program Director, American College of Physicians (ACP) New Mexico Chapter. Annual Conference, 2005

Moderator, ACP-NM Annual Conferences, 2002-2005

Co-chair, ALA-AZ/NM Research Forum Planning Committee, 2004

Program Director, Society of General Internal Medicine, Mountain West Regional Conference, Medicine and the Arts, 1998

Planning Committee, CDC Office of Smoking and Health. Tobacco Use Prevention Summer Institute, 1998

Chair, Panel discussion. Community-based partners: lessons learned, American Public Health Association Annual Meeting, 1998

Community Service

New Mexico Medical Society Community presentation on vaping - Sandia Prep 4/7/2020 (canceled due to COVID-19 pandemic)

Podcast on EVALI - for the TriCore community 2/5/20

Consultant, speaker, media contact: VAPE, PBS/NM DOH documentary, 2019

Media contact American Lung Association State of the Air Report, 2012-

- Interviewed, KOB TV Eye on New Mexico, 2018

Media contact American Lung Association State of Tobacco Report, 2011-

Advisory Committee, New Mexico Allied Council on Tobacco, 2017-

Advisory Committee, Fierce Pride (NM DOH-funded group that addresses tobacco dependence in the LGBT Community) 1998-

Air Quality Board, Albuquerque & Bernalillo County, 2009-2015

- Chair, 2012-2014

American Lung Association (National)

Scientific Advisory Committee, 2009-2011

Nationwide Assembly, 2007-2011

Advocacy Committee, 2008-2011

Diversity Caucus, 2008-2009

Tobacco Committee, 2007-2008; subcommittee to revise *State of Tobacco Control*, 2007-2008

ALA of the Southwest (previously ALA-AZ/NM)

Advocacy Committee, 2003-2017

Board of Directors, 2001-2015

Research Committee, 2001-2016

Audit Committee 2006-2009

Executive Committee, 2003-2005

Nominating Committee 2003-2005

Education Committee, 2003-2005

Cultural Diversity Committee, 2004-2005

Treasurer, 2003-2004
Finance Committee, 2003-2004
Consultant and Speaker, Freedom from Smoking, 2000-2004
Research Fellow, San Jacinto Area, 1987-1988

ALA in New Mexico

Board of Directors. 1999-
Chair, Board of Directors, 2007-09

NM DOH Tobacco Use & Prevention Advisory Committee, Decreasing Tobacco Use in the LGBT Community. 2004-

Advisory Council, New Mexicans Concerned About Tobacco (state-wide coalition including ALA, American Heart Association, American Cancer Society (ACS), grassroots groups). 2003-2014. Worked to pass comprehensive smoke-free air laws, raise taxes on tobacco products, mandate insurance coverage of treatment for tobacco dependence.

Ad Hoc Committee on Homelessness, Albuquerque City Council. 2003-2005

Advisory Council. NM DOH Tobacco Settlement Fund. 2002-2005

Public Health Advocate for Tobacco Control. Testimony at NM Legislature, Albuquerque City Council, press conferences. 2002-

Public Health Advocate, NM Tobacco Settlement Discussions, ACS. 1999

Advisory Council. NM-ASSIST (to decrease smoking during pregnancy). 1998-99

Volunteer, Dream Catcher Science Program. 1998

Statement for Public Record. Options to Reduce Tobacco Use by Children, NM Department of Health Public Hearing. 1998

Board of Advisors, Our Lady of Mercy Vocational Training School. Pohnpei, FSM. 1991-95

Short narrative description of research, teaching and service interests.

Research

My research activities primarily involved community-based participatory work, with a focus on health disparities. My main area of interest is tobacco dependence. I have developed, recruited for and conducted focus groups that explored factors that influence the initiation and use of tobacco, as well as perceptions of cessation interventions, among sexual/gender minority youth, who have dramatically high rates of tobacco use, and can be more difficult to reach. As a clinician-educator, I am looking at ways to improve patient care, including evaluating whether revision of the current automatic protocol for prescribing nicotine replacement therapy, and including other options, will result in changes in prescribing patterns.

Teaching

I have been involved at all levels of education within the UNM School of Medicine and strive to stimulate critical thinking. I was a member of the Phase I curriculum committee for the Cardiovascular/ Pulmonary/ Renal (CVPR) block for 17 years, a block highly regarded by learners, and for which I wrote several cases. I enjoyed being a tutor for many years, primarily during the CVPR block. In addition to giving presentations during the block, I have participated in the Medicine residents' noon conferences and Thursday school. I am an alumna of the Medical Education Scholar program (2005-2006), was a member of the Tutorial Case Working Group (2000-2006) and the Tutorial Steering Committee (2002-2007) and became a Master Tutor in 2010.

I am the site director for UNM Internal Medicine Residents and UNM Pulmonary and Critical Care Fellows on the NMVAHCS Pulmonary Consult Service, with up to 3 residents (Internal Medicine, Anesthesiology) and one fellow rotating every 4 weeks. I guide clinical learning, provide didactic sessions relevant to patients seen, and am in the process of developing a curriculum to incorporate core topics and skills. I supervise residents and fellows in bronchoscopy, thoracentesis and chest tube placement and management. For many years, Phase II students participated in a weekly clinic with me, and I have precepted continuity clinics for Phase III learners, as well as Internal Medicine residents. From 2012-2014, as director of the pulmonary component of the NMVAHCS Scan-Echo telemedical education program I developed the curriculum and organized the didactic sessions, giving many myself.

Service – Patient Care

My clinical work is with the New Mexico Veterans Affairs Health Care Services, as a staff pulmonologist, and medical director of both the pulmonary function lab and the home respiratory care team. Until 8 years ago, I was also an attending in the medical intensive care unit. I currently spend 26-30 weeks a year on the inpatient consult service and have 3 half-day clinics per week. I see patients with all types of respiratory disease and have expertise in tobacco dependence and treatment modalities. I am skilled at motivating patients to pursue changes in behavior. I enjoy working in interdisciplinary settings and participate in the weekly multidisciplinary chest conference at the VA (Pulmonary, Thoracic Surgery, Interventional Radiology). We primarily discuss the evaluation and management of patients with lung nodules. In my role as medical director of Home Respiratory Care since 2005, I have worked to expand patients' options for supplemental oxygen and improve the quality of care. I work closely with the Pulmonary nurse manager to address the concerns of individual patients, and implement use of innovative technology, such as portable non-invasive ventilators.

Scholarly Achievements

Original research or scholarly articles in refereed journals

Rebuli M, et al (author sequence to be determined). American Thoracic Society Workshop Report: The EVALI epidemic: pathogenesis, management and future directions. In progress.

Lang A, Macmurdo M, Upson D. Chapter 14: Increasing access to treatment for tobacco dependence. In "Tobacco Dependence: A Comprehensive Guide to Prevention and Treatment," edited by Eakin MN, and Kathuria H. In progress.

Eakin MN, Bauer SE, Carr T, Dagli E, Ewart G, Garfield JL, Jaspers I, Kher S, Leone FT, Melzer AC, Moazed F, Moraes TJ, Reddy KP, Upson D, Kathuria H, and the American Thoracic Society Tobacco Action Committee. Policy Recommendations to Eliminate Tobacco Use and Improved Health from the American

Thoracic Society Tobacco Action Committee. In press; published online August 2021.
<https://doi.org/10.1513/AnnalsATS.202104-493PS>

Begay M, Kakol M, Sood A, Upson D. Strengthening Digital Health Technology Capacity in Navajo Communities to Help Counter the COVID-19 Pandemic. *Ann Am Thorac Soc* Vol 18, No 7, pp 1109–1114, Jul 2021. Published online 2/12/2021: 10.1513/AnnalsATS.202009-1136PS.
DOI:10.1513/AnnalsATS.202009-1136PS

Zhu M, Zhang Y, Upson D, Xiao D, Zhang Y. Systematic Review of the Health Economic Studies supporting the ATS Clinical Practice Guideline on Initiating Pharmacologic Treatment in Tobacco-Dependent Adults (pending)

Leone FT, Zhang Y, Evers-Casey S, Evins AE, Eakin M, Fathi J, Fennig K, Folan P, Galiatsatos P, Gogineni H, Kantrow S, Kathuria H, Lamphere T, Neptune E, Pacheco MC, Pakhale S, Prezant D, Sachs DPL, Toll B, Upson D, Xiao D, Cruz-Lopes L, Fulone I, Murray RL, O'Brien KK, Pavalagantharajah S, Ross S, Zhang Y, Zhu M, Farber HJ. Initiating Pharmacologic Treatment in Tobacco-Dependent Adults: An Official ATS Clinical Practice Guideline. *Am J Respir Crit Care Med* Vol 202, Iss 2, pp e5–e31, 7/15/2020.
doi.org/10.1164/rccm.202005-1982ST

Jacobs SS, Krishnan JA, Lederer DJ, Ghazipura M, Hossain T, Tan AM, Carlin B, Drummond MB, Ekström M, Garvey C, Graney BA, Jackson B, Kallstrom T, Knight SL, Lindell K, Prieto-Centurion V, Renzoni EA, Ryerson CJ, Schneidman A, Swigris J, Upson D, Holland AE. Home Oxygen Therapy for Adults with Chronic Lung Disease. An Official American Thoracic Society Clinical Practice Guideline. *Am J Respir Crit Care Med*. 2020 Nov 15;202(10):e121-e141. PMID: 33185464

Gunasekaran K, Devasahayam J, Winterbottom C, Upson D. E-cigarette, or Vaping, Product Use-associated Lung Injury: A Response to Perez and Crotty Alexander. Letter to the editor. *Ann Am Thorac Soc* 2020;17;907. doi.org/10.1513/AnnalsATS.202002-138LE

Kakol M, Upson D, Sood A. Susceptibility of Southwestern American Indian Tribes to Coronavirus Disease 2019 (COVID-19). *J Rural Health*. 2020 Apr 18. doi: 10.1111/jrh.12451. [Epub ahead of print].
PMID:32304251

Ruvuna L, Sheehan E, Upson D. Tumor with a wheeze. Case report. *Am J Respir Crit Care Med* 2020;201:A5720.

Zhang Y, Upson D. E-cigarettes versus Nicotine-Replacement Therapy for Smoking Cessation. Letter to the editor. *N Engl J Med* 380;20. May 16, 2019 DOI: 10.1056/NEJMc1903758

Jacobs SS, Lederer DJ, Garvey CM, Hernandez C, Lindell KO, McLaughlin S, Schneidman AM, Casaburi R, Chang V, Cosgrove GP, Devitt L, Erickson K, Ewart G, Giordano S, Harbaugh M, Kallstrom T, Kroner K, Krishnan JA, Lamberti J, Porte P, Prieto-Centurion V, Sherman SE, Sullivan JL, Sward E, Swigris J, and Upson DJ; on behalf of the ATS Ad Hoc Committee on Optimizing Home Oxygen Therapy. Optimizing Home Oxygen Therapy. An Official American Thoracic Society Workshop Report. *Ann Am Thorac Soc* Vol 15, No 12, pp 1369–1381, Dec 2018. DOI: 10.1513/AnnalsATS.201809-627WS

Leone FT, Carlsen HK, Chooljian D, Crotty-Alexander L, Detterbeck F, Eakin M, Evers-Casey S, Farber H, Folan P, Kathuria H, Latzka K, McDermott S, McGrath-Morrow S, Moazed F, Munzer A, Neptune E,

Pakhale S, Sachs DPL, Samet J, Sufian B, and Upson D. An Official American Thoracic Society Policy Statement: Recommendations for the Appropriate Structure, Communication and Investigation of Tobacco Harm Reduction Claims. *Am J Respir Crit Care Med* Vol 198, Iss 8, pp e90–e105, Oct 15, 2018. DOI: [10.1164/rccm.201808-1443ST](https://doi.org/10.1164/rccm.201808-1443ST)

Upson DJ. Asthma in Navajo Children: Striving for Health Equity. Editorial. *Ann Am Thorac Soc* Vol 15, No 6, pp 671–674, Jun 2018. DOI: [10.1513/AnnalsATS.201803-220ED](https://doi.org/10.1513/AnnalsATS.201803-220ED)

Upson D. Reasons, and ways, to engage in U.S. health care reform. Editorial. *Ann Am Thorac Soc* Vol 15, Mar 2017.

Holguin F, Moughrabieh MA, Ojeda V, Patel SR, Peyrani P, Pinedo M, Celedon J, Douglas IS, Upson DJ, Roman J. Respiratory health of migrant populations – a crisis overlooked. *Ann Am Thorac Soc* Vol 14, No 2, pp 153–159, Feb 2017. DOI: [10.1513/AnnalsATS.201608-592PS](https://doi.org/10.1513/AnnalsATS.201608-592PS)

Bui P, Bhatia S, Upson DJ. Pulmonary embolism in the setting of negative computed tomography. *Southwest J Pulm Crit Care*, 3/31/16.

Bui PV, Moualla M, Upson DJ. A possible association of diindolylmethane with pulmonary embolism and deep venous thrombosis. Case report. *Case Reports in Medicine*, vol. 2016, Article ID 7527098, 2016. doi:[10.1155/2016/7527098](https://doi.org/10.1155/2016/7527098).

Douglas IS, Albertson TE, Ewart G, Folan P, Hanania NA, Tashkin DP, Upson DJ, Leone FT. Implications of marijuana decriminalization on the practice of Pulmonary, Critical Care and Sleep Medicine. American Thoracic Society Marijuana Workgroup. *Ann Am Thorac Soc* Vol 12, No 11, pp 1700–1710, Nov 2015

Leone FT, Carlsen KH, Folan P, Latzka K, Munzer A, Neptune E, Pakhale S, Sachs DPL, Samet J, Upson D, White A. An official American Thoracic Society Research Statement: Current understanding and future research needs in tobacco control and treatment. *Am J Respir Crit Care Med*, Vol. 192, No. 3 (2015), pp. e22–e41. doi: [10.1164/rccm.201506-1081ST](https://doi.org/10.1164/rccm.201506-1081ST)

Drummond MB and Upson D. Electronic cigarettes. Potential harms and benefits. *Ann Am Thorac Soc*, Vol. 11, No. 2 (2014), pp. 236–242. doi: [10.1513/AnnalsATS.201311-391FR](https://doi.org/10.1513/AnnalsATS.201311-391FR)

Brown LK, Angus DC, Marin MG, Balmes JR, Barker AF, Ewart G, Halbower AC, Lutz PO, Mularski RA, Nathanson IT, Sanders MH, Stewart GL, and Upson DJ; on behalf of the ATS Health Policy Committee. An official American Thoracic Society Statement: Position Statement on ATS activities for the promotion of respiratory and sleep/wake Health and the care of the critically ill in the United States. *Am J Respir Crit Care Med* Vol 180. pp 1023–1029. 2009

Krummel D, Matson Koffman D, Bronner Y, Davis J, Greenlund K, Tessaro I, Upson D, Wilbur J. Cardiovascular health interventions in women: what works? *Journal of Women’s Health and Gender-Based Medicine* 10(2): 117–136. 2001

Griffin J, Gilliland S, Perez, G, Upson D, Carter J. Challenges to participating in a lifestyle intervention program: the Native American Diabetes Project. *The Diabetes Educator* 26(4): 681–9. 2000

McCormick LK, Crawford M, Anderson RH, Gittlesohn J, Kingsley B, Upson D. Recruiting adolescents into qualitative tobacco research studies: experiences and lessons learned. *Journal of School Health* 69(3): 95-99. 1999

Sachs-Robertson A, Upson D, Dever G, Tipene-Leach D. Community-based research and medical education: the PBMOTP experience with dengue, leptospirosis, TB and intestinal parasites. *Pacific Health Dialog* 3(2): 78-86. 1996

Review articles and articles appearing as chapters in edited volumes

Upson D. Chapter 16: Social Determinants of Cigarette Smoking. Loddenkemper R, Kreuter M (eds): *The Tobacco Epidemic*. 2nd revised and extended edition. *Prog Respir Res*. Basel, Karger, 2015, vol 42, pp 1–18 (DOI: 10.1159/000369508).

Upson D. Tobacco use among lesbian, gay, bisexual, transgender and queer people. Chapter, *NM Clinical Prevention Initiative, NM DOH, NMMS. Tobacco Use Prevention and Cessation Program: A Continuing Education Program for Healthcare Practitioners in New Mexico*, 4th Edition 2011.

Upson D, and Robbins R. Smoking. Chapter 1, *Bone's Atlas of Pulmonary and Critical Care Medicine*, 2nd Edition. Lippincott, Williams & Wilkins. 2001

Other writings and scholarly products

Drummond MB, Leone FT, Upson DJ. The health effects of electronic nicotine delivery devices – current state of understanding. An American Lung Association white paper. Approved by the Scientific Advisory Committee and the Board of Directors. 2015

Upson D. Welcome to LAM week at the ATS; and General information about LAM. ATS website 2014

Upson D, Harkins M, Nici L. Great Cases Symposium: Clinical, radiologic and pathologic correlations by master physicians, ATS International Conference. 2013

Robbins R, Upson D and Welsh C. The state of Pulmonary and Critical Care in the Southwest. *The Southwest J Pulm Crit Care*; volume 6. 2013

NM Legislature Task Force. SM 22: Tobacco use and employer cost. Chair, subcommittee on Health & the Workplace, 2013

Faris T, Upson D and Moore S. Protect New Mexicans' health by increasing use of solar energy. Editorial. *Albuquerque Journal*. 5/2/13

Upson D. Welcome to LAM Week at the ATS. 2012

Upson D. General information about LAM. 2012 <http://patients.thoracic.org/lung-disease-week/lam-week-2012/index.php>

Upson D, Harkins M, Nici L. Great Cases Symposium: Clinical, radiologic and pathologic correlations by master physicians. ATS International Conference. 2012

Upson D. Welcome to LAM Week at the ATS; and general information about LAM.
<http://patients.thoracic.org/lung-disease-week/lam-week-2012/index.php>

Upson D, Harkins M, Robbins R. Great Cases Symposium: Clinical, radiologic and pathologic correlations by master physicians. ATS International Conference, 2011.

Upson D. There's no debate: public health comes first. Albuquerque Journal. Letter to the editor, 4/28/11.

Upson D. Treatment of Tobacco Dependence. NM Cancer Facts & Figures. UNM Division of Epidemiology and Cancer Prevention. 2005, revised 2007

Upson D. How to obtain tobacco settlement money for health care. Posted on the American College of Physicians Chapter Leadership Network and ACPOnline Member Advocacy WebPages. 2005

Upson D. Airway management in the critically ill. Book review. Chest. 2003

Upson D. Health Impact of Smoking. NM Legislature Committee Hearings. Verbal presentation. 2002

Upson D. Leadership Day. New Mexico Chapter ACP-ASIM Governor's Newsletter. 2002

Mitchell S, Obenshain S, Fiedler K, Frank A, Katalanos N, McGrew M, Mennin S, Richter D, Teal J, Upson D. Constructing tutorial cases. UNM-SOM. 2001

Hoffman R and Upson D. Appetite-suppressant drugs and primary pulmonary hypertension. Letter. New England Journal of Medicine 336 (7):511. 1997

Upson D. Current topics in lung disease. Verbal Presentation. NM Optimists' Club (community philanthropic group). 1997

Upson D. Health care in Micronesia. Verbal Presentation. NM Optimists' Club 1997

Tobin M, Yang K, Upson D. Breathing pattern in asthma. Editorial. Chest 95(1):1-2. 1989

Upson D. Branched chain amino acids and the acutely stressed patient. Roswell Park Cancer Institute, SUNY-Buffalo. Master's Thesis. 1983

Cerra F, Upson D, Angelico R, Wiles C, Lyons J, Faulkenback L, Paysinger J. Branched chains support postoperative protein synthesis. Surgery 92(2): 192-99. 1982

Books Edited

Upson D. Great Cases in Pulmonary Medicine: Clinical, Radiologic and Pathologic Correlations by Master Physicians. Springer Publishing. In progress.

Invited or refereed abstracts and/or presentations at professional meetings

Ruvuna L, Sheehan E, Upson D. Inflammatory myofibroblastic tumor. Case report. Am J Respir Crit Care Med 2020;201:A5720.

Electronic Nicotine Delivery Systems are a Public Health Concern. D. Upson. NM Legislature, Tobacco Revenue Oversight committee. 2018.

Kakol M, J Abukahalaf, Upson D. Positive T-SPOT.TB with the great imitator - Mycobacterium kansasii infection on anti-tumor necrotic factor treatment. Case report. 2018 ATS International Conference.

Kakol M, Sheehan E, Cox S, Upson D. Fast and Furious – Atypically Short Doubling Time of a Lung Adenocarcinoma. Case report. 2018 ATS International Conference.

Bui PV, Bhatia S, Upson DJ. Transient elevation in pulmonary arterial pressure in a patient with sepsis, acute pulmonary embolism, chronic heart failure, and chronic obstructive pulmonary disease. Case report. Am J Respir Crit Care Med ATS IC Abstracts 2015.

Bui PV, Moualla M, Upson DJ. Pulmonary emboli and deep venous thrombosis associated with diindolylmethane. Case report. Am J Respir Crit Care Med ATS IC Abstracts 2015

Niehaus K, Upson D. Acute lung injury due to synthetic cannabis. Case report. Am J Respir Crit Care Med ATS IC Abstracts 2014

Van Kim N, Upson D. Tobacco use and related mental health indicators among lesbian, gay and bisexual persons in New Mexico. Am J Respir Crit Care Med ATS IC Abstracts Issue, April 2010. Poster presentation. ATS International Conference. 2010

Upson D and Padilla J. Exploring factors that influence tobacco use & cessation among lesbian, gay, bisexual, transgender and queer youth in New Mexico. Am J Respir Crit Care Med, Volume 179. Abstracts issue, April 2009
Poster-discussion presentation. ATS International Conference. 2009

Upson D, Quijada A, Reid C, Dakota R, Padilla J, Vanslyke J, Corinne J. Exploring factors that influence tobacco use & cessation among LGBTQ youth In New Mexico. Poster. National Conference on Tobacco or Health. 2009

Quijada A, Upson D et al. Media literacy as a tool for LGBTQI tobacco prevention. Poster. National Conference on Tobacco or Health. 2009

Upson D and Padilla J. Multi-faceted approaches to LGBT tobacco data collection in New Mexico. Am J Respir Crit Care Med, Volume 177, Abstracts Issue, April 2008
Poster-discussion presentation. ATS International Conference. 2008.

Upson D, Padilla J, Grollmes T and Buchting F. How do we get data about ourselves? Breakout Session. National LGBTQI Anti-Tobacco Summit. 2008.

Upson D, Quijada A. Dragging it out: NM's LGBTQI tobacco prevention & outreach. Workshop. National Youth ACCESS Conference. 2008.

Padilla J and Upson D. Multi-faceted approaches to LGBT tobacco data collection in New Mexico. Poster presentation. National Conference on Tobacco or Health. 2007.

Dakota R, Padilla J, Quijada A, Reid C, Upson D and Winfrey K. Reaching LGBT Communities in a rural state. Poster presentation. National Conference on Tobacco or Health. 2007.

Upson D, Quijada A, Dakota R. Dragging It Out: Counter-marketing Tobacco in the LGBTI Community. Workshop. National LGBTI Health Summit. 2007

Padilla J and Upson D. Multi-Faceted Approaches to LGBT Tobacco Data Collection in New Mexico. Poster presentation. NM American College of Physicians Annual Conference. 2007

Upson D, Quijada A, Dakota R. Dragging it out: Counter-marketing tobacco in the LGBTI community. Poster presentation. NM American College of Physicians Annual Conference. 2007

Winfrey K, Upson D, Quijada A. Put something else in your mouth: Grassroots LGBTI Tobacco Use Prevention. Workshop. National LGBTI Health Summit. 2007

Upson DJ and Quijada A. Dragging It Out: Counter-marketing & Cessation in the LGBTQ Community. Poster. 13th World Conference on Tobacco and Health. 2006

Lawrence EC, Torke A, Upson DJ. Ethics Interest Group: Exploring the ethical issues of physician activism. Panel discussion. SGIM 29th Annual Meeting. 2006

Upson DJ and Quijada A. Dragging it out: Counter-marketing & cessation in the LGBTQ community. Verbal presentation. Best of the West Tobacco Conference. 2006

Upson D. How to obtain tobacco settlement money for health care. Verbal presentation. State Health Policy Networking Meeting of the ACP Leadership. 2005

Upson D. Queer women and tobacco. ACP-NM Annual Conference. 2005

Upson D. Tobacco dependence. UNM Department of Otolaryngology Conference. 2005

Upson D. Update on pneumococcal disease, NM Physicians' Assistants Annual Conference. 2005.

Madison CM, Upson DJ, King MM. Stress ulcer prophylaxis in the medical intensive care unit. Oral presentation. American Society of Health-System Pharmacists Midyear Clinical Meeting. 2004

Upson, D. Health Care Implications of tobacco control. Verbal presentation. Brown Ribbon Remembrance Ceremony. NM State Legislature Rotunda. 2004

Ahluwalia K, Jenkins R, Tierney M, Upson D. American Legacy Foundation workshop: Tobacco use assessment protocols: Training physicians and other health providers. National Conference on Tobacco or Health. (panel presentation). 2003

Upson D and New Breast L. Lung cancer & smoking. Native America Calling (nationally syndicated radio talk show), 60-minutes, KUNM. 2003

Upson D. An Evidence-based medicine approach to pulmonary thromboembolic disease. NM ACP Annual Conference. 2003

Upson D and Hoffman R. An Evidence-based Medicine Approach to Pulmonary Thromboembolic Disease. NM Thoracic Society Annual Conference. 2002

Upson D and Prochaska A. Pharmacologic Treatment of Tobacco Dependence. NM Thoracic Society Annual Conference. 2002

Upson D. Smoking Cessation during Pregnancy. CDC Consensus Conference - Cardiovascular Health in Women. Verbal presentation. 1998

Upson D. Smoking Cessation in Women. National Conference on Chronic Disease Prevention and Control. Verbal presentation. 1998

McCormick L, Anderson R, Crawford M, Gittelsohn J, Kingsley B and Upson D. Recruiting adolescents into tobacco research studies: What works. American School Health Association 72nd National School Health Conference. Poster. 1998

Davis S, Carter J, and Upson D. Issues in community and school-based research. Issues in Human Research: A Focus on Southwest Diversity Conference. Panel. 1998

McCormick L, Crawford M, Anderson R, Gittelsohn J, Kingsley B and Upson D. Recruiting adolescents into research studies: What works. Society for Research on Nicotine and Tobacco. 1998

Upson D, Sachs-Robertson A, Tipene-Leach D, Flear J, Becker K, Goebert D, Dever G. A community-based epidemiologic project as an instrument of medical education on a Pacific Island. Creative Endeavors Day, Department of Pediatrics, UNM. Poster. 1997

Upson D, Sachs-Robertson A, Becker K, Flear J, Auerbach S, Dever G. A community-based epidemiologic project as an instrument of medical education on a Pacific Island. American Public Health Association Annual Meeting. Verbal presentation. 1996

Upson D, Sachs-Robertson A, Tipene-Leach D, Flear J, Becker K, Goebert D, Dever G. A community-based epidemiologic project as an instrument of medical education on a Pacific Island. American College of Physicians, New Mexico Meeting. Poster. 1996

Upson D. Use of epidemiologic projects to involve medical students in communities. World Indigenous Peoples Conference: Education. Workshop. 1996

Hoffman F, Murata G, Carter J, Fotieo G, Janis L, Lium D, Kapsner C, Michael C, Upson D, White R. Measuring Medical Residents' Attitudes Towards Primary Care. Society of General Internal Medicine Annual National Meeting. Poster. 1996

Upson D, Sachs-Robertson A, Tipene-Leach D, Hunton R, Goebert D, Robinson H, Becker K, Flear J, Auerbach S, Pointer A, Pretrick E, Williams S, Lizotte-Waniewski M, Dever G & the PBMOTP Students. A community-based epidemiologic project as an instrument of medical education on a Pacific Island. American Association of Medical Colleges, Western Group on Educational Affairs. Poster. 1996

Upson D. Parasites in Paradise. KROC Research Conference, UNM. Verbal presentation. 1995

Upson D. Preliminary results from the environmental health survey, Pohnpei, FSM. Hawaii Public Health Association Annual Meeting. Verbal presentation. 1994

Upson D, Tobin M. Role of respiratory work in causing changes in breathing pattern with mouthpiece and noseclips. American Thoracic Society Annual Meeting. Poster. 1989

Upson D. Hereditary hemorrhagic telangiectasia with dyspnea. Case presentation. American Thoracic Society Annual Meeting. 1988

Cerra F, Upson D, Angelico R, Wiles C, Lyons J, Faulkenback L, Paysinger J. Branched chains support postoperative protein synthesis. Society of University Surgeons Annual Meeting. Verbal presentation. 1982

Grant and Contract Funding

Consultant, Low Dose CT Lung Cancer Screening: Informed Decision Making and Smoking Cessation; PI Richard Hoffman; SIP13-068 CDC. 2013

The Pharmaco-economics of Medications for Respiratory Diseases, Continuation. PI: Upson D American Thoracic Society, \$2,500. 2009-11

The Pharmaco-economics of Medications for Respiratory Diseases, Continuation. PI: Upson D American Thoracic Society, \$4,600. 2008-09

The Pharmaco-economics of Medications for Respiratory Diseases. PI: Brown L, Co-Investigator: Upson D. American Thoracic Society, \$20,000. 2007-08

Exploring factors that influence tobacco use and cessation among lesbian, gay, bisexual, transgender and queer people in New Mexico. PI: Upson D. UNM Center for Participatory Research, \$15,000. 2007-08

Development of a Clinical Model to Predict Smoking Cessation. PI: Upson D. Biomedical Research Institute of New Mexico (Pre-Merit Review Award), \$60,000.1999-2002

Albuquerque VA Medical Center Outcomes Research Program. PIs: Murata G and Hoffman R. Investigators: Upson D et al. Veterans Affairs, \$100,000. 1999-2002

Center for Health Promotion in American Indian Communities, Continuation Grant. PI: Davis S, Consultant: Upson D. Centers for Disease Control & Prevention, \$500,000/yr. 1998-2003

Women's Cardiovascular Health Network, Extension Grant. PI: Herman C, Co-PI: Upson D. Centers for Disease Control & Prevention, \$10,000. 1998-99

Women's Cardiovascular Health Network. PI: Herman C, Co-PI: Upson D. Centers for Disease Control & Prevention, \$10,000. 1997-98

Family-Centered Diabetes Project for Pueblo Indians, Continuation Grant. PI: Carter J, Consultant: Upson D. National Institutes of Health, \$300,000. 1997-99

Youth Response to Tobacco Control Policies. PI: Davis S, Co-PIs: Upson D and Allen P. Robert Wood Johnson Foundation, \$50,000 (Matching Funds - Centers for Disease Control & Prevention Grant). 1998

Youth Response to Tobacco Control Policies. PI: Davis S, Co-PIs: Upson D and Allen P. Centers for Disease Control & Prevention, \$50,000. 1997-98

A Community-based Intervention to Decrease Youth Tobacco Use. PI: Allen P. Consultant: Upson D. American Stop Smoking Intervention Study for Cancer Prevention (ASSIST), \$20,000. Approved, partially funded at \$10,000 (grant declined due to insufficient funds). 1997

Center for Health Promotion in American Indian Communities, Continuation Grant. PI: Davis S, Consultant: Upson D. Centers for Disease Control & Prevention, \$360,000/yr. 1996-97

Environmental Health Project, Pohnpei, FSM. PI: Dever G, Co-PI: Upson D and Tipene-Leach D, Coordinator: Upson. USPHS (#CSH157007-01), Australian Embassy & the Federated States of Micronesia, \$100,000. 1990-94

Community Health Assistant Training Program, Pohnpei, FSM. PI: Sachs-Robertson A, Spegal R and Dever G, Consultant: Upson D. Pacific Health Initiative, Public Health Service, Region IX, \$38,000. 1991-93

Yap State Dispensary Managers Retraining Program, FSM. PI: Evans D and Dever G, Consultant: Upson D. FHP Foundation, \$28,000. 1991-92

Changes in Breathing Pattern with a Mouthpiece and Noseclips: Role of Respiratory Work, Continuation Grant. PI: Upson D. American Lung Association. Training grant. 1988-89

Changes in Breathing Pattern with a Mouthpiece and Noseclips: Role of Respiratory Work. PI: Upson D, American Lung Association. Training grant. 1987-88

Changes in Breathing Pattern with a Mouthpiece and Noseclips: Role of Respiratory Work. PI: Upson D. American Lung Association, San Jacinto Area. 1987-88. Declined, due to restrictions of national ALA award.

Effects of Athletic Training on the Pulmonary Status of Wheelchair-dependent People. PI: Upson D. University of Texas Clinical Research Center. 1988. Declined, due to restrictions of national ALA award

Mentoring of faculty in research or scholarship

I have used my national professional influence, knowledge of ATS organizational structure, and connections to further the careers of early career professionals, as well as more senior colleagues, at UNM and nationally. The VA did not have any junior faculty in Pulmonary for many years, which limited mentoring opportunities. I have served as a professional mentor for Dr. Michelle Harkins, and invited her to be co-chair of the Great Cases Symposium for the ATS International Conference. While on the executive committee of the CCR, I wrote the nominating letter, and successfully advocated, for Dr. Harkins to receive the well-deserved ATS Clinician of the Year Award. I have mentored, and advocated

for ATS committee membership for several faculty, including Dr. Harkins (Clinicians Advisory committee), Dr. Akshay Sood (Environmental Health Policy), and Dr. Shozab Ahmed (Education committee). I have met often with our early career professionals to mentor them and encourage their participation in professional organizations, and provided guidance for national recognition and advancement of their careers outside of New Mexico.

Within ATS, I have mentored several early career investigators. I worked with Dr. Brad Drummond (then Assistant Professor at Johns Hopkins University, now Associate Professor at University of North Carolina) on a manuscript on e-cigarettes (Drummond MB, Upson D. Electronic cigarettes. Potential harms and benefits. *Ann Am Thorac Soc.* 2014 Feb;11(2):236-42. doi: 10.1513/AnnalsATS.201311-391FR). I successfully advocated for Dr. Sarah Lyon (Assistant Professor, University of Pennsylvania) to receive the Fellowship in Health Equality, and subsequently supported her appointment as Vice-chair, then Chair of the Health Policy committee. I have collaborated with colleagues at ATS to include fellows at the annual Hill Day advocacy activities on Capitol Hill, and fostered their involvement with the Health Policy committee and the Breathing Better Alliance. I meet with several early career professionals as part of the annual ATS conference mentoring program.

I have mentored residents and fellows for case report submissions and publications to the International ATS meetings, resulting in 9 published case reports:

Kakol M, J Abukahalaf, Upson D. Positive T-SPOT.TB with the great imitator - Mycobacterium kansasii infection on anti-tumor necrotic factor treatment. Case report. 2018 ATS International Conference.

Kakol M, Sheehan E, Cox S, Upson D. Fast and Furious – Atypically Short Doubling Time of a Lung Adenocarcinoma. Case report. 2018 ATS International Conference.

Bui PV, Bhatia S, Upson DJ. Transient elevation in pulmonary arterial pressure in a patient with sepsis, acute pulmonary embolism, chronic heart failure, and chronic obstructive pulmonary disease. Case report. *Am J Respir Crit Care Med ATS IC Abstracts 2015.*

Bui PV, Moualla M, Upson DJ. Pulmonary emboli and deep venous thrombosis associated with diindolylmethane. Case report. *Am J Respir Crit Care Med ATS IC Abstracts 2015*

Niehaus K, Upson D. Acute lung injury due to synthetic cannabis. Case report. *Am J Respir Crit Care Med ATS IC Abstracts 2014*

Van Kim N, Upson D. Tobacco use and related mental health indicators among lesbian, gay and bisexual persons in New Mexico. *Am J Respir Crit Care Med ATS IC Abstracts Issue, April 2010.* Poster presentation. ATS International Conference. 2010

Nicole Van Kim was a CDC Fellow assigned to NM Department of Health, subsequently finished her PhD and is on faculty at UMass-Amherst. I was also the research mentor for Christina Madison, PharmD for her project, Stress Ulcer Prophylaxis in the MICU (2004-2006) and on the Expert Review Committee for Mary Vigil, RN, MPH for her research project: South Valley Partners in Environmental Justice Coalition, Community Empowerment and Environmental Justice (2004-2005).

Medical student mentoring

Research Mentor: Gretchen Andrews, 2003

Faculty Advisor: Melissa Eakin, 1997-99
Victoria Garcia, 1997-99
John Odell, 1997-99
Winona Stoltzfus, 1997-98

Reviewer: Medical Student Scholarly Research Paper, 1998. Young, Tze-Seun and Happy, Elizabeth. Native American Diabetes Project: The effectiveness of mentor teaching.

Classroom, laboratory teaching, and tutoring

Tutor, Cardiovascular/ Pulmonary Block (CV-Pulm), Phase I (8 weeks); became CV/Pulm Renal block (10-12 weeks). Many years, 2001-2014

Lectures, CV-Pulm Block, Phase I (~80 students):

-An Evidence-based Medicine Approach to Pulmonary Thromboembolic Disease. 2002-03

-Tobacco Dependence. 2001-04

-Pulmonary History & Physical. 1997-2001

-Asthma. 1997-99

Mentor, PIE Narrative Strand. 2007

Evaluator, Capstone Presentations. 2006

Coordinator, Pulmonary Clinical Skills, Phase I. 2001

Case reviews for tutors, CV-Pulm Block, Phase I. 2001-04

Essay question (take-home), CV-Pulm Block, Phase I (~80 students). 1999

Review Session, CV-Pulm Block, Phase I (~80 students). 1998, 1999

Revision CV-Pulm Block Cases. 1998-

Preceptor, Clinical Skills Laboratory, Phase 1. Pulmonary Findings. 1997-00

Formative and summative exam, CV-Pulm Block, Phase I (~80 students). 1997-

Presentation, International Health, PIM (12 students). 1997

Preceptor, Ambulatory Medicine Tutorials, Phase II (8 students). 9-10/95, 5-6/96

Preceptor, Pulmonary Labs, Phase I (~80 students). 1995-97

Presentation, Radiographic Evidence of Pulmonary Hypertension (repeated six times/block, Phase I, total ~80 students). 1995-97

Respiratory Therapy Program (TVI)

Lectures: Treatment of Tobacco Dependence (20 students), 2001. 2002. 2003. 2004.

Asthma: Pathophysiology & Treatment (18 students), 2000

Bedside Assessment and Monitoring in the ICU, 2000

Resident and fellow teaching and mentoring

Medicine residents' noon conferences and Thursday school.

Medical Education Scholar program (2005-2006), member of the Tutorial Case Working Group (2000-2006) and the Tutorial Steering Committee (2002-2007), and became a Master Tutor in 2010.

I am the site director for the VA pulmonary consult service, with up to 3 residents (Internal Medicine, Anesthesiology) and one fellow rotating every 4 weeks. I guide clinical learning, provide didactic sessions relevant to patients seen, and am in the process of developing a curriculum to incorporate core topics and skills. I supervise residents and fellows in bronchoscopy, thoracentesis and chest tube placement and management. Phase II students participate in a weekly clinic with me, and I have precepted continuity clinics for Phase III learners, as well as Internal Medicine residents.

Continuing Medical Education

Curriculum development or educational administrative positions

Site Director, NMVAHCS Pulmonary Consults. 2010-2014, 2016-
Director, NMVAHCS Scan-Echo Tele-medicine/ Tele-medical education program, Pulmonary
Section, 2012-2014
Site Director, Family Medicine NMVAHCS MICU rotation, 2010-2014
Curriculum Committee, Phase I Cardiovascular/Pulmonary/Renal block, 1995-2011
Tutorial Steering Committee, UNM. 2002-2007
Tutorial Case Working Group, UNM. 2000-2006
Education & Training Committee, Center for Health Promotion, UNM. 1996-97
Faculty Supervisor, Rural Elective, Internal Medicine residents. 1995-96.
Curriculum committee, Pacific Basin Medical Officers Training Program, Federated States of
Micronesia (FSM). John A. Burns School of Medicine, University of Hawaii. 1991-95

Administration

2003- Director, Pulmonary Function Laboratory, NMVAHCS
2004- Medical Director, Home Respiratory Care Committee
2009-15 Member, NMVAHCS Registered Respiratory Therapist Professional Standards
Board
2000-15 Interviewer, Pulmonary & Critical Care fellowship program
2000-14 Search Committee, Division of Allergy, Pulmonary & Critical Care
2008-13 Peer Review Committee, NMVAHCS
2008-12 ICU CIS Task Team, Clinical Information System (CIS) for Anesthesia Record
Keeper (ARK) and Analytics within VISN 18
1999-12 Respiratory Therapy Quality Assurance Committee, VAMC
2007-08 Medication Reconciliation Committee, NMVAHCS
2004-08 Medical Director, Pulmonary Rehabilitation Program, NMVAHCS
2003-08 Clinical Prevention Initiative Steering Committee
2002-06 Chronic Airway Obstruction Workgroup, UNM and NMVAHSC
2000-03 Co-chair, Performance Improvement Committee, NMVAHSC
2000-02 Evaluation of Sleep Disorders Committee, NMVAHSC
1999-01 UNM Tobacco Networking Group
1999 Search Committee, General Internal Medicine
1998-99 Smoking Cessation Guidelines, VAMC
1998-99 Physician Supervisor, Kathryn Blanke, PA, VAMC
1996-99 Tobacco Network Group, Center for Health Promotion
1995-99 Interviewer, Internal Medicine housestaff applicants
1997-98 Physician Supervisor, Jane Hadley, FNP, VAMC
1997-98 Home Oxygen Utilization Guidelines, VAMC
1997-98 Search Committee, Nephrologist, VAMC
1995-98 Rural Outreach Committee, UNM
1995-98 Scientific Committee, UNM Center for Health Promotion
1996-97 Education & Training Committee, Center for Health Promotion, Chair
1995-97 Health Promotion Committee, VAMC
1996 Physician Supervisor, Vicki Terry, FNP intern, VAMC
1995-96 New Mexico Asthma Project, Pediatrics, UNM

1995-96	Physician Supervisor, Mark Thomas, PA, VAMC
1995	Institute of Medicine Primary Care site visit to Santa Rosa
1995	Rural Outreach site visit to SW Quadrant, NM

Clinical Activities

Pulmonary Consult Service	34-38 weeks a year, includes doing consult triage, e-consults
Pulmonary Clinics	3 clinics per week

Past patient care activities

Attending:	Continuity clinics (residents) - .5-1 day/wk. 1995-99 PRIME clinic (residents, students) - 1 day/wk. 1996-97 Wards - 1-2 months/yr. 1995-99
Miscellaneous:	Inpatient coverage - housestaff retreat. 1995, 1997, 1999
Personal clinic:	.5 d/wk (100 patients, high acuity). 1995-97 1 d/wk (250 patients, high acuity). 1997-99
Supervisor:	Physician Assistant/Nurse Practitioner clinics, 2 d/wk. 1995-97 Physician Assistant/Nurse Practitioner clinics, .5 - 1 day/wk. 1997-99 Urgent Care Clinic, .5-1 d/wk. 1995-96

PBMOTP

Faculty Supervisor:	Pohnrakied Community Health Center (Y3, 8 students, 1 health assistant, 2 days/wk), 1993-94
Preceptor:	Ambulatory Clinics (Y1-3, 5-8 students, 2-3 days/wk), 1990-94: Kolonia Community Health Center College of Micronesia Health Clinic Antenatal Clinic Well Baby Clinic Clinics Without Walls Pohnpei State Outpatient Clinic School Health Clinics – Screening