

NATIONAL JEWISH HEALTH

Curriculum Vitae

Name: Lisa A. Maier

Professional Degrees: M.D., M.S.P.H., F.C.C.P., A.T.S.F.

I. ACADEMIC HISTORY

A. COLLEGES AND UNIVERSITIES ATTENDED

1982	Fredonia High School, Fredonia, New York
UNDERGRADUATE	
1986	Bachelor of Sciences, College of Agriculture and Life Sciences, Cornell University, Ithaca, New York
GRADUATE/MEDICAL SCHOOL	
1987-1991	Doctor of Medicine, Duke University School of Medicine, Durham, North Carolina
1995-1998	Master of Science in Public Health, University of Colorado Health Sciences Center and University of Colorado School of Medicine, Denver, Colorado
POSTDOCTORAL STUDIES/INTERNSHIPS	
1991-1994	Resident, Department of Internal Medicine, Duke University Medical Center, Durham, North Carolina
1993	Assistant Chief Resident, Department of Internal Medicine, Duke University Medical Center, Durham, North Carolina
1994-1998	Fellow, Division of Pulmonary Sciences and Critical Care Medicine, University of Colorado Health Sciences Center, Denver, Colorado
1995-1998	Resident, Division of Environmental and Occupational Health Sciences, National Jewish Medical and Research Center and University of Colorado Health Sciences Center, Denver, Colorado

B. BOARD CERTIFICATION

1994	Diplomate in Internal Medicine, American Board of Internal Medicine (8/94, Recertified 11/04 # 156669 through 2014)
1996	Diplomate in Pulmonary Medicine, American Board of Internal Medicine (11/96, Recertified 11/16 # 156669 through 2026)
1997	Diplomate in Critical Care Medicine, American Board of Internal Medicine (11/97, # 156669 through 2007)
1999	Level II Accreditation, State of Colorado, Neurology, Pulmonary, Cardiovascular, May 1999, Reaccredited 12/2005, 12/2008, 12/2011, 12/2014, 12/2017, 1/2021, 1/2024
2000	Diplomate in Occupational Medicine, American Board of Preventive Medicine (1/00, Recertified 1/20 through 2029)
2016	Recertification Program for Continuous Professional Development Pulmonary and Internal Medicine
2020	Recertification Program for Continuous Professional Development for Occupational Medicine

II. PROFESSIONAL POSITIONS (INCLUDE INTERNSHIPS, RESIDENCIES, FELLOWSHIPS)

- 1986-1987 Research Assistant, Psychoneuroimmunology Laboratory, Memorial Sloan-Kettering Cancer Center, New York, New York
- 1989-1990 Medical Student Research Associate, Laboratory of Ovarian and Breast Tumor Biology, Duke University School of Medicine, Durham, North Carolina
- 1995-1998 Fellowship Research, Division of Pulmonary Sciences and Critical Care Medicine, University of Colorado Health Sciences Center and Division of Environmental and Occupational Health Sciences, National Jewish Medical and Research Center, Denver, Colorado
- 1995-1998 Staff Physician, Locum Tenens, East Denver Pulmonology and Critical Care Associates, Columbia Rose Medical Center, Denver, Colorado
- 1998-1999 Instructor, Department of Medicine, Division of Pulmonary Sciences and Critical Care Medicine, and Department of Preventive Medicine, University of Colorado Health Sciences Center and Division of Environmental and Occupational Health Sciences, National Jewish Medical and Research Center, Denver, Colorado
- 1999-2004 Assistant Professor, Department of Medicine, Division of Pulmonary Sciences and Critical Care Medicine, and Department of Preventive Medicine, University of Colorado Health Sciences Center and Division of Environmental and Occupational Health Sciences, National Jewish Medical and Research Center, Denver, Colorado
- 1998-2001 Employee Health Physician Consultant, National Jewish Medical and Research Center, Denver, Colorado
- 1999-2019 Director, Robert H. Hollis Laboratory of Environmental and Occupational Health, Division of Environmental and Occupational Health Sciences, National Jewish Health, Denver, CO
- 2001- 2005 Director, Pulmonary Occupational and Environmental Medicine Resident and Fellow Practicum Site, National Jewish Medical and Research Center and University of Colorado Health Sciences Center, Denver, CO
- 2004-present Faculty Affiliate, Department of Environmental and Radiological Health Sciences, Colorado State University
- 2004-2011 Associate Professor, School of Medicine, Department of Medicine, Division of Pulmonary Sciences and Critical Care Medicine, and Colorado School of Public Health, Environmental Occupational Health Department, University of Colorado Denver and Division of Environmental and Occupational Health Sciences, National Jewish Health, Denver, CO
- 2005-2006 Assistant Director, Pulmonary Occupational and Environmental Medicine Resident and Fellow Practicum Site, National Jewish Medical and Research Center and University of Colorado Health Sciences Center, Denver, CO
- 2006-2008 Director of General Clinical Research Center Inflammation and Immunology Core Laboratory, National Jewish Medical and Research Center, Denver, CO
- 2006-2007 Director of Research, Division of Environmental and Occupational Health Sciences Center, National Jewish Medical and Research Center, Denver, CO
- 2007- present Head of Division of Environmental and Occupational Health Sciences Center, National Jewish Health, Denver, CO
- 2008- 2013 Director of Clinical Translational Research Center Inflammation and Immunology Core Laboratory, National Jewish Health, Denver, CO

- 2011-present Professor, School of Medicine, Department of Medicine, Division of Pulmonary Sciences and Critical Care Medicine, and Environmental Occupational Health Department, Colorado School of Public Health, University of Colorado Denver and Division of Environmental and Occupational Health Sciences, National Jewish Health, Denver, CO
- 2013- present Director of Clinical Translational Research Center Core Laboratory, University of Colorado and National Jewish Health, Denver, CO
- 2016-present Adjunct Faculty, Department of Family and Preventative Medicine, University of Utah, Salt Lake City, Utah
- 2016-present Section Head, Clinical Translational Research, Department of Medicine, National Jewish Health

III. ACADEMIC HONORS

A. SCHOLARSHIPS AND FELLOWSHIPS

- 1982 Co-Valedictorian, Fredonia High School, Fredonia, New York
- 1983-1986 Dean's List, Cornell University, Ithaca, New York
- 1983-1984 Milk Marketing Inc. Scholarship, Cornell University, Ithaca, New York
- 1985-1986 Industrial Food Technologists Scholarship, Cornell University, Ithaca, New York
- 1986 Graduated with Distinction, Cornell University, Ithaca, New York
- 1987-1988 Alpha Chi Omega Graduate and Professional Women's Fellowship, Duke University, School of Medicine, Durham, North Carolina
- 1989-1990 Eugene A. Stead Scholarship, Duke University, School of Medicine, Durham, North Carolina
- 1995-1996 National Institute for Occupational Health and Safety (NIOSH) Trainee in Occupational and Environmental Medicine
- 1996-1997 Occupational Physicians Scholarship, Occupational Physicians Scholarship Fund
- 1997-1998 National Heart, Lung, and Blood Institute (NHLBI) Trainee in Pulmonary Medicine
- 1998 David Bates Young Investigator Award, American Thoracic Society
- 1998 Awarded American Lung Association Research Training Grant, Declined
- 2002 Recipient, Merit in Authorship Award, American College of Occupational and Environmental Medicine (ACOEM)
- 2002-2006 National Institutes of Health Loan Repayment Program Recipient
- 2003 Outstanding Junior Faculty Award, National Jewish Medical and Research Center
- 2009 Manuscript "Recent Community Acquired Chronic Beryllium Disease in Residents Surrounding a Beryllium Facility" Am J Respir Crit Care Med, 177:1012–1017 selected and presented as one of the top papers at "Year in Review, Environmental and Occupational Health," American Thoracic Society 2009
- 2009 5280 Magazine Top Doctors List – Occupational Medicine
- 2010 Elected to the Delta Omega Honorary Society in Public Health, Alpha Upsilon Chapter, Colorado School of Public Health, University of Colorado Denver
- 2011 Awarded Editor's Choice Award for co-authoring: Van Dyke MV, Martyny JW, Mroz MM, Silveira LJ, Strand M, Cragle DL, Tankersley WG, Wells SM, Newman LS, Maier LA. Exposure and genetics increase risk of beryllium sensitization and chronic beryllium disease in the nuclear weapons industry. *Occup Environ Med.* 2011 Nov; 68(11): 842-8.
- 2012 - 2021 5280 Magazine Top Doctors List – Occupational Medicine
- 2020-present Fellow, American Thoracic Society

B. SPECIAL RECOGNITIONS & INVITED LECTURES

- 1997 “Treatment of Chronic Beryllium Disease,” Brush Wellman Beryllium Support Group, Fremont, Ohio
- “Brush Wellman Delta Health Effects Surveillances,” Brush Wellman, Delta, Utah
- 1998 “Air Pollution Health Effects,” Sierra Club, American Lung Association, Denver, Colorado
- “New Developments in Diagnosis and Treatment of Chronic Beryllium Disease,” Beryllium Community Meeting, National Jewish Medical and Research Center, Denver, Colorado
- “Chronic Beryllium Disease: an Overview,” workplace presentation, Speedring, Alabama, February 1998.
- “A Review of Chronic Beryllium Disease at Rocky Flats,” Oak Ridge Institute for Science and Education, Advisory Committee Meeting, Westminster, Colorado, November 1998.
- 1999 “A Medical Description of Chronic Beryllium Disease,” Workers as Research Subjects: a Vulnerable Population, Conference, United States Department of Energy, Washington, D.C., June 1999.
- “Reexamining the Beryllium Lymphocyte Proliferation Test and Implications for CBD”, Beryllium Effect on Worker Health Conference, ACGIH and Brush Wellman, Washington, D.C., September 1999.
- 2000 Visiting Professor, Regions Hospital, Affiliate of University of Minnesota
Lecture: “Occupational Asthma,” February, 2000.
- “Occupational Lung Disease,” Physician Community Outreach, St. Paul, Minnesota, February, 2000.
- “Health Effects of Beryllium Exposure,” Chemical Workers Union Conference, Center for Safety and Health in Workers, Oakridge, Tennessee, June, 2000.
- “Beryllium Sensitization and Disease Management: Treatment Options and Outcomes,” Practical Approach to Chronic Beryllium Disease Conference, Denver, CO, September 2000.
- “The Beryllium Lymphocyte Proliferation Test (LPT),” Practical Approach to Chronic Beryllium Disease Conference, Denver, CO, September 2000.
- “Genetics of Beryllium Disease,” Practical Approach to Chronic Beryllium Disease Conference, Denver, CO, September 2000.

- 2001 “Diagnosis and Management of Beryllium Related Health Effects,” University of Arizona Health Sciences Center, Pulmonary Grand Rounds, Tucson, AZ,
- “Introduction to Beryllium Related Health Effects,” Community Presentation, Tucson, AZ, March 2001.
- “Chronic Beryllium Disease – Past or Present?” Tucson Medical Center, Medical Grand Rounds, Tucson, AZ, March 2001.
- “Update on Beryllium Sensitization and Chronic Beryllium Disease,” Department of Energy Former Worker Medical Surveillance Advisory Committee, Arvada, CO, April 2001.
- Co-Chair, “Beryllium: Immune, Genetic and Exposure Relations,” Mini-Symposium, American Thoracic Society, San Francisco, CA, May 2001.
- “Influence of MHC Class II in Susceptibility to Beryllium Sensitization and Chronic Beryllium Disease,” Beryllium: Immune, Genetic and Exposure Relations, American Thoracic Society, San Francisco, CA, May 2001.
- “Beryllium-Related Health Effects,” workplace presentation, Northwestern Building Construction Trades Union, Toledo, OH, June 2001.
- “Chronic Beryllium Disease – Relic or Modern Problem?” (Duke University Medical Center), Durham, NC, October 2001.
- 2002 “The Beryllium Lymphocyte Proliferation Test (BeLPT),” “Beryllium Sensitization and Disease Management: Treatment Options and Outcomes,” and “Genetics of Beryllium Disease,” Practical Approach to Chronic Beryllium Disease: Clinical Evaluation, Medical Surveillance and Disease Management, National Jewish Medical and Research Center, Denver, CO, January 2002.
- Facilitator “Occupational and Environmental Parenchymal Lung Disease,” American Thoracic Society Thematic Poster Session, Atlanta, GA, May 2002.
- Co-Chair and Facilitator, “Beryllium Research Symposium: Basic Mechanisms and Human Health,” U.S. D.O.E. & NIOSH Conference, Bethesda, MD, June 2002.
- “CBD Evaluation: Site Differences,” Oakridge Associated University Beryllium Medical Surveillance Program Advisory Committee, Westminster, CO, November 2002.
- 2003 Program Co-Chair, Facilitator, Presenter “Genetics of Beryllium Disease,” “Medical Case Management and Medical Surveillance,” “Genetic and Ethical Issues in Beryllium Research,” Practical Approach to Chronic Beryllium Disease, National Jewish Medical and Research Center, Denver, CO, January 2003.
- “Pulmonary/Cardiovascular Impairment,” Level II Accreditation Seminar, Physicians Accreditation, Department of Labor and Employment, Division of Workers’ Compensation, Denver, CO April 2003.

“Genetics of Beryllium Response,” Genetics of Pulmonary Response to Environmental Agents, Symposium, American Thoracic Society, Seattle, WA, May 2003.

Chair, “Gene Environment Interactions in Humans,” Mini-symposium, American Thoracic Society, Seattle, WA, May, 2003.

“The –308A TNF Variant is Associated with CBD and Beryllium Sensitization,” Gene Environment Interactions in Humans, American Thoracic Society, Seattle, WA, May, 2003.

Facilitator “Mechanisms in Occupational Lung Disease,” Thematic Poster Session, American Thoracic Society, Seattle, WA, May 2003.

“Clinical Identification and Treatment of Beryllium Induced Disease.” Medical Grand Rounds, Methodist Medical Center, Oak Ridge, TN, November 2003.

“Identification of Non-Occupational Cases of CBD Related to Residence in a Community Surrounding a Beryllium Manufacturing Facility,” Beryllium Exposure and Disease in Populations Downstream from Production: Nuclear Weapons Workers and the Public Surrounding Production Plants, American Public Health Association Annual Meeting, San Francisco, CA, November 2003.

2004

Co-Chair, Facilitator, Presenter “Genetic Risk Factors for Beryllium Sensitization, Chronic Beryllium Disease, and Severity,” Beryllium International Research Symposium, Denver, CO January 2004.

“Clinical Identification and Course of Beryllium Induced Disease,” Chronic Beryllium Disease Conference, Energy Employees Occupational Illness Compensation Program, Department of Labor, Las Vegas, NV, March 2004.

“Molecular Epidemiology of Beryllium Related Health Effects,” Molecular Epidemiology, American Occupational Health Conference, Kansas City, MO, April 2004.

“Occupational Lung Disorders: Beryllium, Hard Metal Pneumoconiosis,” Interstitial Lung Diseases: Current Concepts and Controversies, American Thoracic Society Postgraduate Course, Orlando, FL, May 2004.

Co-Chair, “Occupational Lung Disease Update,” Poster Discussion Session, American Thoracic Society, Orlando, FL, May 2004.

Chair, “Update on Beryllium-Related Health Effects: From Diagnosis to Compensation,” Noon Workshop, American Thoracic Society, Orlando, FL 2004.

2005

“Beryllium Disease: Exposure or Genetics?” Community Presentation, Oak Ridge, TN, February 2005.

“Update on Beryllium Sensitization and CBD,” Oak Ridge Beryllium Worker Support Group, Oak Ridge TN, February 2005.

Session Chair “Molecular and Genetic Mechanisms of Chronic Beryllium Disease and Beryllium Sensitization” and keynote speaker “Update on Beryllium Genetics and Immunology,” International Beryllium Research Conference, Montreal, Quebec, Canada, March 2005.

“Genetics and Environmental Interactions in Occupational Lung Disease,” Grand Rounds, Department of Environmental and Occupational Health Sciences, (University of Washington), Seattle, WA April 2005.

Session Chair “Genetics in Sarcoidosis “, Keynote speaker “Gene and Environment Interactions in Sarcoidosis and Other Granulomatous Diseases,” World Association of Sarcoidosis and Other Granulomatous Diseases Conference, Denver, CO June 2005.

“Beryllium Education Session,” Albany Research Center Worker Beryllium Education Program, Albany, OR, June 2005.

2006 Co-Chair “Genetic Environmental Interactions in Occupational and Environmental Health,” Poster Discussion Session, American Thoracic Society, San Diego, CA, May 2006.

Moderator, “Immunologic Diseases of the Lung,” 49th Thomas L. Petty Aspen Lung Conference, Aspen, CO, June 2006.

“Update on Beryllium Health Effects,” Axsys Technologies Inc. Annual Worker Beryllium Education, Cullman, AL, June 2006.

“Susceptibility in Beryllium Disease and Sarcoidosis,” Keynote Speaker, “Sarcoidosis Clinical Phenotypes in the US,” 26th annual meeting of Japanese Sarcoidosis and Other Granulomatous Diseases Society, Tokyo, Japan, October 2006.

2007 “Pathogenesis of Chronic Beryllium Disease and Genetic Susceptibility,” Invited Speaker, National Research Council Committee on Beryllium Alloy Exposure, the National Academies, Washington, D.C. April 2007.

“Occupational Lung Diseases: “Working to Breathe,” Medical Forum, National Jewish Medical and Research Center, Denver, CO, April 2007.

Facilitator, “Occupational and Environmental Pleural and Parenchymal Lung Disease,” Poster Session American Thoracic Society, San Francisco, CA May 2007.

“Update on Beryllium Health Effects,” Axsys Technologies Inc. Annual Worker Beryllium Education, Cullman, AL, June 2007.

“Genetic Risk Factors for Beryllium sensitization, Chronic Beryllium Disease And Disease Severity,” The 3rd International Conference on Beryllium Disease, Philadelphia, PA, October 2007.

Moderator, “New Epidemiology of Beryllium Disease,” The 3rd International Conference on Beryllium Disease, Philadelphia, PA, October 2007.

2008

“Genetic & Environmental Interactions in Chronic Beryllium Disease” Preventive Medicine and Biometrics Seminar, UCHSC, Denver, CO, April 2008.

“Beryllium Immunology and Genetics,” Beryllium Health & Safety Committee Biannual Conference, Baltimore, MD, April 2008.

Co-Chair, “Sarcoidosis: New Aspects of Clinical Evaluation and Treatment, Mini Symposium, American Thoracic Society, Toronto, Ontario, Canada, May 2008.

Speaker, “Beryllium Exposure” in “Genetics and Occupational/Environmental Lung Disease: Informing Dose-Response Relationships, Risk Modification, and Associated Regulatory Approaches,” Scientific Symposium American Thoracic Society, Toronto, Ontario, Canada, May 2008.

Co-Chair, “Noninvasive Assessment in the Evaluation of Occupational Lung Diseases”, Scientific Symposium, American Thoracic Society, Toronto, Ontario, Canada, May 2008.

Facilitator, Medical Monitoring and Screening and Surveillance, Poster Session, American Thoracic Society, Toronto, Ontario, Canada, May 2008.

“Genetic Susceptibility in CBD and Sarcoidosis” NHLBI workshop on Sarcoidosis Genetics, Bethesda, MD, July 2008.

“Update on Beryllium Health Effects,” Axsys Technologies Inc. Annual Worker Beryllium Education, Cullman, AL, July 2008.

“Shared Genetic Susceptibility in Sarcoidosis and CBD”, Department of Biostatistics and Research Epidemiology, Henry Ford Hospital, August 2008.

“Results of Y-12 Beryllium Study,” Y-12 Beryllium Exposure and Genetics Study Presentation, Oak Ridge, TN, October 2008.

“History of Beryllium Disease and Scope of the Problem,” and “Identifying Beryllium Sensitization and Chronic Beryllium Disease, Disease Management, and Treatment Options,” Practical Approach to Chronic Beryllium Disease Continuing Education Session, Santa Fe, NM, November 2008.

“NJH CTIC Inflammation and Immunology Core Lab,” Medicine Grand Rounds, Department of Medicine, National Jewish Health, Denver, CO, December 2008.

2009

“Shared Genetic Susceptibility in Granulomatous Lung Disease,” Lung Cell Biology Forum, National Jewish Health, Denver, CO, January 2009.

“Genetic and Exposure Risk in Chronic Beryllium Disease,” Department of Community and Preventive Medicine, Mount Sinai School of Medicine, February 2009.

“Shared Genetic Susceptibility in Granulomatous Lung Disease,” Pulmonary Grand Rounds, Department of Medicine, Mount Sinai School of Medicine, May 2009.

Co-Facilitator, “Genetic Basis for Environmental and Occupational Respiratory Diseases,” Thematic Poster Session, American Thoracic Society, San Diego, CA, May 2009.

“Occupational Granulomatous Lung Disease,” Pulmonary Topics, Department of Medicine, University of Colorado, Denver, CO, May 2009.

“Update on Beryllium Health Effects,” Axsys Technologies Inc. Annual Worker Beryllium Education, Cullman, AL, June 2009.

“Diagnosis, Management, and Treatment of Beryllium Sensitization and Chronic Beryllium Disease,” Lockheed Beryllium Exposure Education Session, Los Angeles, CA, October 2009.

“History of Beryllium Disease and the Beryllium Lymphocyte Proliferation Test (BeLPT),” Lockheed Beryllium Exposure Education Session, Los Angeles, CA, October 2009.

“Beryllium Exposure and Workplace Medical Surveillance,” Lockheed Beryllium Exposure Education Session, Los Angeles, CA, October 2009.

2010 “Genetic Regulation of Cytokines in Risk of Beryllium Sensitization and CBD: A Model for Gene-Environment Interaction,” 49th Annual Society of Toxicology Meeting, Salt Lake City, UT, March 2010.

Co-Chair, “Practical Approach to Occupational and Environmental Lung Disease: A Case-Based Discussion,” Postgraduate Course, American Thoracic Society, New Orleans, LA, May 2010.

Co-Facilitator, “Epidemiology of Pneumoconiosis,” Thematic Poster Session, American Thoracic Society, New Orleans, LA, May 2010.

Co-Facilitator, “Interstitial Lung Disease: Collagen-Vascular Disease, Sarcoidosis and Other Diffuse Lung Diseases,” Thematic Poster Session, American Thoracic Society, New Orleans, LA, May 2010.

“Update on Beryllium Health Effects,” Axsys Technologies Inc. Annual Worker Beryllium Education, Cullman, AL, June 2010.

2011 Speaker, “Clinical Year In Review,” Year In Review Session, American Thoracic Society, Denver, CO, May 2011.

Speaker, “Respiratory Outcomes from Community Exposures to Occupational/Environmental Hazards,” Scientific Symposium, American Thoracic Society, Denver, CO, May 2011.

Speaker, “Conducting Longitudinal Studies in Occupational Disease: Workers as a Vulnerable Research Population,” Cradle to the Grave: Ethical Issues in Lifespan Research, the 2nd Annual CCTSI Research Ethics Conference, Denver, CO, October 2011.

Speaker, "Building Clinical Programs that Bridge to Translational Research," National Jewish Health Clinical and Translational Research Seminar, Denver, CO, October 2011.

Speaker, "American Thoracic Society Consensus Statement Update," 4th International Research Conference on Beryllium, Cleveland, OH, October 2011.

Panel Member, "Patient and Worker Oriented Session," 4th Annual International Research Conference on Beryllium, Cleveland, OH, October 2011.

Speaker, "Symposium Summary," 4th Annual International Research Conference on Beryllium, Cleveland, OH, October 2011.

Speaker, "Symposium Summary from the 4th Annual International Research Conference on Beryllium," Department of Energy: Hanford Site – Beryllium Program, Denver, CO, November 2011.

"Update on Beryllium Health Effects," General Dynamics. Annual Worker Beryllium Education, Cullman, AL, June 2011.

2012 Speaker, "Granulomatous and Occupational Lung Diseases", Donor Appreciation Forum, Naples, FL, March 2012.

Speaker, "Granulomatous and Occupational Lung Diseases", Donor Appreciation Forum, Boca Raton, FL, March 2012.

Speaker, "Occupational and Environmental Granulomatous Disease", National Jewish Health Pulmonary Topics Lecture, Denver, CO, May 2012.

Speaker, "Sarcoidosis and Other Granulomatous Lung Diseases", ATS 2012 International Conference PG Course 19 "Clinical Approaches to Investigate Occupational and Environmental Causes in Common Lung Disease", San Francisco, CA, May 2012.

Facilitator, "Granulomatous Diseases Similar to Sarcoidosis", WASOG 2012, Cleveland Clinic, Cleveland, OH, October 2012.

Speaker, "Novel Environmental Exposures Causing Interstitial Lung Diseases", Session: Emerging Environmental and Occupational Lung Diseases: A Case-Based Discussion and Literature Update", ACCP CHEST 2012, Atlanta, GA, October 2012.

"Update on Beryllium Health Effects," General Dynamics. Annual Worker Beryllium Education, Cullman, AL, June 2012.

2013 Facilitator, "Occupational Lung Disease from Agriculture to Afghanistan". ATS 2013 International Conference, Philadelphia, PA, May 2013.

Speaker, "Occupational Granulomatous Disease". Occupational Medicine Topics Lecture. National Jewish Health. Denver, Colorado, April 2013.

“Update on Beryllium Health Effects,” General Dynamics. Annual Worker Beryllium Education, Cullman, AL, June 2013.

Speaker, “Working to Breathe”. A Day of Discover. New Mexico Outreach Program. Albuquerque, New Mexico, October 2013.

Speaker, “Working to Breathe”. A Day of Discover. New Mexico Outreach Program. Santa Fe, New Mexico, October 2013.

2014

Speaker, “Update on Chronic Beryllium Disease Diagnosis, Management and Research,” 2014 Department of Energy Annual Occupational Medicine Workshop & Webinar, Washington, DC, March 2014.

Speaker, “Granulomatous and Occupational Lung Diseases”, Donor Appreciation Forum, Seattle, WA, April 2014.

Speaker, “Exposure, Genetics and Public Health Information in Beryllium Disease,” Department of Environmental and Occupational Health Sciences, University of Washington, WA, May 5, 2014.

Speaker, “Lung Disease Associated with Metal Dust Exposure,” ATS PG-15. American Thoracic Society San Diego. CA May 2014.

Speaker, “Current Therapies and Unmet Medical Need in Chronic Pulmonary Sarcoidosis,” Sarcoidosis PoC Summit, Novartis Institutes for Biomedical Research, Cambridge, MA, November 17, 2014.

Speaker, “Granulomatous Lung and Exposure-Related Lung Disease Research Update,” National Jewish Health Strategic Research Symposium, Denver, CO December, 2014.

2015

Speaker, “Granulomatous and Occupational Lung Diseases”, Donor Appreciation Forum, Woodland Hills, CA, January 15, 2015.

Speaker, "Effects of Genetics and Environment on Innate and Adaptive Immunity in Chronic Beryllium Disease," NIEHS session “Environmental Chemicals-induced Inflammation- Players and Pathways in Acute and Chronic biological Response," American Thoracic Society May, 2015, Denver, CO

Speaker, “Update on Beryllium Health Effects,” General Dynamics. Annual Worker Beryllium Education, Cullman, AL, June 16, 2015.

Co-Chair, Conference Summarizer, “Leveraging Scientific Advances to Better Understand Sarcoidosis Variability and Improve Outcomes,” NHLBI Workshop, Bethesda, MD, September 2015.

“Chronic Beryllium Disease Prevention Program Epidemiological Study,” Final study presentation, Hanford Epidemiological Project, Richland WA, September 22, 2015.

Speaker, "The Future of Sarcoidosis Research: Using Genetics and Genomics to Reduce Disparities," Reducing Disparities in Sarcoidosis Through Personalized Care and Increased Detection, Americas Association of Sarcoidosis and Other Granulomatous Disorders (AASOG) Annual Meeting, Denver, CO, September 25, 2015.

Speaker, "President's Address," Reducing Disparities in Sarcoidosis Through Personalized Care and Increased Detection, Americas Association of Sarcoidosis and Other Granulomatous Disorders (AASOG) Annual Meeting, Denver, CO, September 25, 2015.

Speaker, "Challenging Cases in Sarcoidosis: Cardiac Sarcoidosis," CHEST Annual Meeting, Montreal, Canada, October 2015.

2016 Speaker, Advance Testimony, Hearing before the Public, Occupational Exposure to Beryllium and Beryllium Compounds, Occupational Safety and Health Administration (OSHA), March 22, 2016.

Speaker, "Working to Breathe: Occupational and Environmental Lung Disorders," Donor Appreciation Forum, La Jolla, CA, April 21, 2016.

Chair, "Scientific Breakthroughs in Sarcoidosis Research and Phenotyping: The NHLBI GRADS Consortium," ATS San Francisco, May 16, 2016.

Facilitator, "Occupational Medicine and Lung Function," Thematic Poster Session, ATS San Francisco, May 17, 2016.

Speaker, "Sarcoidosis: New Understandings," Fellow Track Symposium, American Thoracic Society, San Francisco, CA, May 2016.

Speaker, "Sarcoidosis" Sarcoidosis Educational Research Program, National Jewish Health, Denver, CO, May 26, 2016.

Speaker, "Enabling the Conduct of Research," Clinical Translational Research Advisory Committee, School of Medicine Research Development, University of Colorado, Denver, CO, June 23, 2016.

Speaker, "Update on Beryllium Health Effects," General Dynamics. Annual Worker Beryllium Education, Cullman, AL, August 2, 2016.

Beryllium exposure and sensitization," in Sarcoidosis- Occupational/Environmental Causes of Granulomatous Disease, CHEST 2016, Los Angeles, CA October 23, 2016.

2017 Speaker, "What Do We Know About the Occupational and Environmental Causes of Sarcoidosis?" Americas Association of Sarcoidosis and Other Granulomatous Disorders (AASOG) Annual Conference, Hershey, Pennsylvania, April 8, 2017.

Speaker, "Diagnosis and Treatment of CBD: Relevance to Physician and Patient with New OSHA Proposed Standard," American Occupational Health Conference (AOHC), Denver, Colorado, April 24, 2017.

Speaker, "Sarcoidosis: New Understandings," Fellow Track Symposium, American Thoracic Society, Washington, D.C., May 2017.

Speaker, "Pitfalls, Challenges and Modalities for Diagnosis of Sarcoidosis," PG-15 Course, American Thoracic Society, Washington, D.C., May 2017.

Visiting Professor & Grand Rounds Presenter, "Occupational and Environmental Exposures Causing Interstitial Lung Diseases," Cleveland Clinic, Cleveland, OH, June 13, 2017.

Speaker, "Update on Beryllium Health Effects," General Dynamics Annual Worker Beryllium Education, Cullman, AL, July 18, 2017.

Speaker, "Genetics in Sarcoidosis," World Association of Sarcoidosis and Other Granulomatous Diseases (WASOG) 2017 Annual Conference, Beijing, China, October 20, 2017.

2018 Speaker, "Sarcoidosis: What You Need To Know," ATS Meet the Experts Panel, American Lung Association/Foundation For Sarcoidosis Research, March 2018.

Speaker, "Occupation and sarcoidosis Disease Risk," Americas Association of Sarcoidosis and Other Granulomatous Disorders 2018 Annual Conference, Northwestern University, Chicago, IL, April 2018.

Co-Chair, "Rapid Poster Discussion," ATS San Diego, May 2018.

Speaker, "Is it Sarcoidosis?" PG-9 Course, ATS San Diego, CA, May 2018.

Speaker, "Genetic, Environmental and Microbiome Drivers of Granuloma Formation in Sarcoidosis," ATS San Diego, May 2018.

Speaker, "Update on Beryllium Health Effects," General Dynamics. Annual Worker Beryllium Education, Cullman, AL, July 17, 2018.

2019 Visiting Professor & Grand Rounds Speaker, "Chronic Beryllium Disease: Genes, Environment and Epigenetics at Work," University Hospitals Cleveland Medical Center, Cleveland, OH, February 22, 2019.

Speaker, "Lung CT as a Marker for Pulmonary Sarcoidosis: Lessons from GRADS Study," Americas Association of Sarcoidosis and Other Granulomatous Disorders 2019 Annual Conference, University of Iowa, Iowa City, IA, April 12, 2019.

Speaker, "Sarcoidosis: What You Need To Know," Patient Q&A, Foundation For Sarcoidosis Research, April 15-19, 2019.

Visiting Professor & Grand Rounds Speaker, "Relevance of Genetics and Environment in Sarcoidosis Pathogenesis and Manifestations," Medical University of South Carolina (MUSC), Charleston, SC, April 25, 2019.

Speaker, “Novel Integrative Approaches for Disease Phenotyping, Utilizing Radiomics in Sarcoidosis,” Pulmonary Faculty and Fellows Research Conference, Medical University of South Carolina (MUSC), Charleston, SC, April 25, 2019.

Speaker, “Genetics and Environment in Sarcoidosis: Lesson from GRADS,” Results from NHLBI-Funded Genomic Research in Alpha-1 Antitrypsin Deficiency and Sarcoidosis (GRADS) Program, ATS Dallas, May 2019.

Co-Chair, Facilitator, “Occupational Exposures of the 21st Century,” ATS Dallas, May 2019.

“TCR Profiling in Sarcoidosis,” NJH Genomics Facility with ThermoFisher, National Jewish Health, Denver, CO, May 2019.

Speaker, “What’s New in Sarcoidosis,” Denver Patient Education Conference, Foundation for Sarcoidosis Research, July 27, 2019.

Visiting Professor & Grand Rounds Presenter, “Genes and Environment in Sarcoidosis in Disease Pathogenesis and Manifestations,” Mt. Sinai Respiratory Institute, New York, NY, October 4, 2019.

Speaker, “Using Integrative Omics to Improve Outcomes,” Approaches to Improving Clinical Outcomes in Sarcoidosis, CHEST Annual Meeting, New Orleans, LA, October 22, 2019.

Speaker, “Update on Beryllium Health Effects,” General Dynamics. Annual Worker Beryllium Education, Cullman, AL, October 28, 2019.

Speaker, “Genes and Environment in CBD and Sarcoidosis,” Marvin I. Schwarz Lifetime of Research Event, Aurora, CO, December 9, 2019.

2020 Visiting Professor & Grand Rounds Presenter, “Integrative Biomarkers in Sarcoidosis,” Pulmonary Grand Rounds, Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA, January 28, 2020.

Speaker and Panelist, “Application of Radiomics to Lung Disease to Develop a Novel Biomarker of Sarcoidosis,” Big Data Seminar Series: Imaging, Colorado School of Public Health, Denver, CO February 18, 2020.

Speaker, “Developing Integrative Biomarkers for Sarcoidosis,” Sarcoidosis Update 2020, NYU Langone, New York, NY February 28, 2020.

Speaker, “Needs for Effective Medical Surveillance for Beryllium Workers,” 2nd International Industrial and Environmental Toxicology Congress, Istanbul, Turkey, November 23, 2020.

2021 Speaker, “Sarcoidosis Translational Research Studies and Opportunities for Future Research,” Research Happy Hour, National Jewish Health, Denver, CO, February 12, 2021.

Speaker, “Granulomatous Lung Disease” PCCM Fellow Education Day Lecture, University of Colorado, Denver, CO, April 16, 2021.

Invited Speaker, “Beryllium and the BeLPT: What Every OM Provider Needs to Know,” American Occupational Health Conference (AOHC). Virtual. May 3, 2021.

Visiting Professor, “Genes and Environment: Implications for Lung Disease and Public Health,” Department of Environmental and Occupational Health, Colorado School of Public Health. Virtual, August 30, 2021.

Invited Speaker Pro Con Debate, “What is the most effective first line treatment for symptomatic sarcoidosis patients: Pro Steroid Sparing Treatment,” Foundation for Sarcoidosis Research Clinical Engagement Conference: Bridging the Gap for a Brighter Future. Virtual, October 2, 2021.

Speaker, “Update on Beryllium Health Effects,” General Dynamics. Annual Worker Beryllium Education, Cullman, AL, October 19 and 25, 2021.

Keynote speaker, “Diagnosis and Detection of Sarcoidosis. An Official American Thoracic Society Clinical Practice Guideline”, Annual Meeting of Japan Society of Sarcoidosis and other Granulomatous Disorders (JSSOG). Virtual. October 30, 2021.

Speaker, “Occupational, Environmental and Deployment-Related Lung Diseases: Research and Treatment”, Dialogue with a Doc, National Jewish Health, Virtual November 4, 2021.

Invited Speaker, “Chest CT and Integrative Biomarkers for Sarcoidosis,” Panel Discussant; and Networking facilitator; WASOG/AASOG 2021: Multidisciplinary Meeting for Sarcoidosis and ILD. Virtual November 29-December 2, 2021.

Speaker, “Update on Sarcoidosis,” Foundation for Sarcoidosis End of Year Gratitude Conference, Virtual December 16, 2021.

2022 Invited Speaker, “FSR Grant Writing Workshop: Mentor Recommendations,” Foundations for Sarcoidosis Conference, Virtual February 24, 2022.

Invited Speaker and Panelist, “Diagnostic Dilemmas: Using the ATS Guidelines on Diagnosis and Detection of Sarcoidosis.” Controversial Topics in Sarcoidosis, NYU Langone, New York, NY, Virtual March 4, 2022.

Speaker, “A Guidelines Based Approach to the Complex Sarcoidosis Patient: Diagnosis, Evaluation and Treatment.” Medicine Grand Rounds, Department of Medicine, National Jewish Health, Denver, CO, April 2022.

Invited Speaker, FDA Patient Listening Session “Pulmonary Sarcoidosis: A Physician Provider and Scientist’s Perspective on Sarcoidosis”. Virtual, April 21, 2022.

Invited Speaker, “Pulmonary Sarcoidosis: A Physician Provider and Scientist’s Perspective on Sarcoidosis”; virtual FDA patient listening session, April 2022.

Invited Speaker, “A Guidelines Based Approach to the Complex Sarcoidosis Patient: Diagnosis, Evaluation and Treatment” at the National Jewish Health Grand Rounds, in April 2022.

Invited Speaker, “Diagnosis of Sarcoidosis,” Symposium Recent ATS Clinical Practice Guidelines, American Thoracic Society International Conference, San Francisco, CA, May 15, 2022.

Invited Speaker, “Phenotype Outcomes and Implications for Precision Care in Sarcoidosis,” Symposium Beyond Fibrosis: Patient Centered Treatment and Outcomes in Sarcoidosis, American Thoracic Society International Conference, San Francisco, CA, May 16, 2022.

Invited Speaker, “Provider and Scientist Perspective on Pulmonary Sarcoidosis” Webinar FDA Listening Session for the public, Virtual, August 3, 2022.

IV. PROFESSIONAL SOCIETIES AND HONORARY SOCIETIES

1996-present	Member, American Thoracic Society
1996-present	Fellow, American College of Chest Physicians
1997-present	Member, American College of Occupational and Environmental Medicine
2003-2017	Member, American Public Health Association
2020-present	Fellow, American Thoracic Society

V. COMMITTEE PARTICIPATION AND OTHER SERVICE ACTIVITIES

A. HOSPITAL AND UNIVERSITY COMMITTEES

1998-2007	Residency Advisory Committee, Occupational and Environmental Medicine Residency, University of Colorado Health Sciences Center
2000	Faculty appointment committee, National Jewish Medical and Research Center
2000-2008	General Clinical Research Center (GCRC) Scientific Advisory Committee, University of Colorado Health Sciences Center and National Jewish Medical and Research Center
2001-2005	Faculty Compensation Committee, Department of Medicine, National Jewish Medical and Research Center
2002-2005	Residency Advisory Committee, Preventive Medicine Residency, University of Colorado Health Sciences Center
2003	Faculty Retreat Committee, Department of Medicine, National Jewish Medical and Research Center

2003-2005	Pulmonary Fellows Selection Committee, Division of Pulmonary Sciences and Critical Care Medicine, Department of Medicine, University of Colorado Health Sciences Center
2003-2006	Chair, General Advisory Committee, GCRC, University of Colorado Health Sciences Center and National Jewish Medical and Research Center
2005-2009	Faculty Awards Committee, National Jewish Health
2005	Chair, Faculty Incentive Committee, Department of Medicine, National Jewish Medical and Research Center
2005-2006	Search Committee, Department of Medicine Chair, National Jewish Medical and Research Center
2006-2008	Member, General Advisory Committee, GCRC, University of Colorado Health Sciences Center and National Jewish Medical and Research Center
2006- present	CTSA Pilot and Collaborative Translational and Clinical Studies Working Group, University of Colorado Health Sciences Center and National Jewish Health
2006	Search Committee, Pulmonary Division chief, Department of Medicine, National Jewish Medical and Research Center
2008-2013	Center for Genetics and Therapeutics Advisory Committee, National Jewish Health
2009-present	Clinical Translational Research Center (CTRC) Scientific Advisory Research Committee, University of Colorado Denver and National Jewish Health
2009- 2012	Search Committee, Department of Environmental/Occupational Health, Colorado School of Public Health, University of Colorado Denver
2012-present	Member, Grant Writing Workshop, National Jewish Health
2011- 2013	Search Committee, Director, Center for Genetics, National Jewish Health, Denver, CO
2012-present	Pulmonary Fellows Senior Panel Interview Committee, Division of Pulmonary Sciences and Critical Care Medicine, Department of Medicine, University of Colorado
2013-2014	International Collaboration Committee, National Jewish Health, Denver, CO
2013	Pew Scholarship Committee, National Jewish Health, Denver, CO
2013-2016	Environmental and Occupational Health Department of Appointments, Promotions and Tenure Committee, Colorado School of Public Health, Aurora, CO
2013	Search Committee, Division Chief, Pulmonary Division, Department of Medicine, National Jewish Health, Denver, CO

2014-2017	Assistant to Associate Professor Dossier Review Committee, The Anschutz Medical Campus Department of Medicine, University of Colorado Denver, Aurora, CO
2015-2018	Local Steering Committee, Thomas L. Petty Aspen Lung Conference, Aspen, CO
2016- present	Colorado School of Public Health Appointment and Promotion Committee, Environmental and Occupational Health Department Representative, Colorado School of Public Health, Aurora, CO
2017-2018	Member, Department of Medicine Faculty Development Advisory Council (FDAC), University of Colorado Denver, Aurora, CO
2017-present	Section Head, Clinical Translational Research, Department of Medicine, National Jewish Health
2018	Member, Resiliency Committee, Department of Medicine, National Jewish Health, Denver, CO, and University of Colorado Denver, Aurora, CO
2018- present	Member, Department of Medicine Mid-Course Review Committee, University of Colorado Denver, Aurora, CO
2018-present	Co-Director, Thomas L. Petty Aspen Lung Conference, Aspen, CO
2019	Member, External Research Review Committee, National Jewish Health, Denver, CO
2019	Search Committee, Chair, Department of Medicine, National Jewish Health, Denver, CO
2019-2020	Ad hoc Conflict of Interest Committee, National Jewish Health, Denver, CO
2020-present	Chair, PPE Committee, National Jewish Health, Denver, CO
2020-present	Member, Crisis of Care Committee, National Jewish Health, Denver, CO
2021-present	Member, Institutional Research Advisory Committee, National Jewish Health, Denver, CO

B. NATIONAL COMMITTEES

1996-1997	American Lung Association of Colorado, Influenza Alert Committee
1997	Co-Chair, Durrance-Waring Mid-Winter Conference, American Lung Association of Colorado, February 1997, Aspen, Colorado
1999-2002	Board Member, Rocky Mountain Academy of Occupational and Environmental Medicine
2000-present	Member, Beryllium Health and Safety Committee, Los Alamos National Laboratory, Savannah River Site

2001-2004	International Meeting, Program Committee, Environmental and Occupational Health Assembly, American Thoracic Society
2001-2004	Physicians' Panel, State Claims Assistance Program, Office of Workers' Advocacy, United States Department of Energy Employees Occupational Illness Compensation Program
2002-2009	Website Committee, Environmental and Occupational Health Assembly, American Thoracic Society
2003-2005	Executive Planning Committee, World Association Sarcoidosis and Other Granulomatous Diseases (WASOG) meeting 2005
2004-2005	Executive Planning Committee, Institut de Recherche Robert-Sauve en Sante et en Secuinte du Travail (IRSST) International Beryllium Research Conference, 2005
2005-2006	Chair, Consensus Statement Committee "Chronic Beryllium Disease, Detection, Diagnosis and Management," Environmental and Occupational Health Assembly, American Thoracic Society with support from Department of Energy and National Institute for Occupational Safety and Health.
2005-2006	Chair Elect, Environmental and Occupational Health Assembly International Meeting Program Committee, American Thoracic Society
2006-2007	Chair, Environmental and Occupational Health Assembly International Meeting Program Committee, American Thoracic Society
2006-2007	Executive Planning Committee, International Beryllium Research Conference 2007
2007-2014	Member, Consensus Statement Committee "Diagnosis and Management of Beryllium Sensitization and Chronic Beryllium Disease," Environmental and Occupational Health Assembly, American Thoracic Society with support from Department of Energy and National Institute for Occupational Safety and Health.
2007-2009	Co-Chair, Aspen Lung Conference 2009, "Environmental and Occupational Lung Disease"
2008-2014	Member, Guideline Development Committee "Treatment Guidelines for Sarcoidosis for the Health Care Provider," Foundation for Sarcoidosis Research
2009-2013	Member, Statement Committee "Sarcoidosis Statement Update", American Thoracic Society, European Respiratory Society
2010-2016	Member, Membership Committee, American Thoracic Society
2010-2011	Co-Chair, Fourth International Beryllium Research Conference 2011, Cleveland Clinic
2012-present	Member, Scientific Advisory Board, Foundation for Sarcoidosis Research

2013-2014	Member, Nominating Committee, Environmental and Occupational Health Assembly, American Thoracic Society
2013-present	Member, Executive Committee, Americas Association of Sarcoidosis and Other Granulomatous Disorders, World Association for Sarcoidosis and Other Granulomatous Disorders (WASOG)
2014-2015	Chair, Nominating Committee, Environmental and Occupational Health Assembly, American Thoracic Society
2014-2015	Member, Environmental, Occupational and Population Health Executive Committee, American Thoracic Society
2014-2017	Member, Environmental, Occupational and Population Health Program Committee, American Thoracic Society
2014-2015	President-Elect, Executive Committee, Americas Association of Sarcoidosis and Other Granulomatous Disorders (AASOG)
2015-2017	Co-Chair, “Leveraging Current Scientific Advancements to Understand Sarcoidosis Variability and Improve Outcomes” Scientific Workshop, National Heart, Lung and Blood Institute
2015-2016	Member, Leadership for Innovative Team Science (LITeS) Program, Colorado Clinical & Translational Sciences Institute, University of Colorado, Denver
2015-2017	Chair, Aspen Lung Conference 2017, “Environment and Lung Health: Exposure, Susceptibility and Intervention”
2015-2016	President, Americas Association of Sarcoidosis and Other Granulomatous Disorders (AASOG)
2017-2019	Past President, Americas Association of Sarcoidosis and Other Granulomatous Disorders (AASOG)
2018-2020	Co-Chair, ATS Guideline on Diagnosis of Sarcoidosis Committee, American Thoracic Society
2019-2020	Member, ATS/JRS/ALAT Guideline on Diagnosis of Hypersensitivity Pneumonitis
2019-present	Co-Chair, Aspen Lung Conference 2022, “Bridging the Gap Between Innate and Adaptive Immunity in the Lung”

VI. PATENTS HELD OR PENDING

2006	CU1236H: “Use of ELISPOT analysis for TH-1-type cytokines in the diagnostic evaluation of beryllium hypersensitivity” Co-Inventor.
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VII. REVIEW ACTIVITIES

1999-present	Annals of Thoracic Medicine American Journal of Industrial Medicine American Journal of Medicine American Journal of Physiology-Lung Cellular and Molecular Physiology American Journal of Respiratory and Critical Care Medicine American Journal of Respiratory Cell and Molecular Biology Applied Industrial Hygiene CHEST European Journal of Clinical Investigation European Respiratory Journal Human Genetics International Journal of Tuberculosis and Lung Disease Journal of Allergy and Clinical Immunology Journal of Immunology Journal of Internal Medicine Journal of Occupational and Environmental Medicine Mucosal Immunology PLoS One Respiratory Medicine Respiratory Research Thorax Toxicological Sciences Risk Analysis Sarcoidosis, Vasculitis and Diffuse Lung Disease
2003	Ad hoc reviewer, United States Department of Energy, Office of Science, Experimental Program to Stimulate Competitive Research (EPSCoR), Request for Applications
2007	Ad hoc reviewer, Research Secretariat of WorkSafeBC, Workers Compensation Board of British Columbia, 2007 Research Competition: grants to translate research
2007-2008	Ad hoc reviewer, The National Research Council's Board on Environmental Studies and Toxicology report, "Managing Health Effects of Beryllium Exposure"
2008	Ad hoc reviewer, Hypersensitivity, Autoimmune, And Immune-Mediated Diseases Special Emphasis Panel Study Section 2/08 and 10/08, National Institutes of Health
2009	Ad hoc reviewer, Respiratory Integrative Biology and Translational Research Study Section, National Institutes of Health
2012	Ad hoc reviewer, PAR-12-155: Integrative Omics Data Analysis for Discovery in Lung Diseases (R01), National Institutes of Health
2014 -2015	Ad hoc reviewer, PAR-12-155 GGG-L(50): Integrative Omics Data Analysis for Discovery in Lung Diseases, National Institutes of Health
2014-2015	Reviewer, Occupational Medicine Practice Guidelines, American College of Occupational and Environmental Medicine (ACOEM), on behalf of the American Thoracic Society
2015	Ad hoc reviewer, NIEHS Career Award (K22, 23, & K99), National Institute for Environmental Health Sciences
2016	Ad hoc reviewer, Population Sciences and Epidemiology (PSE) Special Emphasis Panel, NIH/NHLBI

- 2016-present Grant Reviewer, Fellowship Grants and Pilot Grants, Foundation for Sarcoidosis Research
- 2019 Ad hoc reviewer, Rare Disease Cohorts in Heart, Lung, Blood and Sleep Disorders, NIH/NHLBI
- 2021 Ad hoc reviewer, Special Emphasis Panel RFA-OD-19-029: The Intersection of Sex and Gender Influences on Health and Disease, NIH

VIII. TEACHING ACTIVITIES

A. GRADUATE AND MEDICAL SCHOOL LECTURES

- 1998 “Exposure-Response Relationship,” Problem-based Learning in Occupational and Environmental Health Class: PRMD 6614, Department of Preventive Medicine and Biometrics, University of Colorado School of Medicine, Denver, CO
- 2000 “Pulmonary Pathophysiology,” Pathophysiology of Disease: MED 6000, University of Colorado School of Medicine, Denver, CO
- “Plastic Sensitizers: Isocyanates,” Toxicology and Industrial Health: PRMD 6625, Department of Preventive Medicine and Biometrics, University of Colorado School of Medicine, Denver CO
- “Pneumoconiosis,” Pulmonary Topics, Department of Medicine, University of Colorado Health Sciences Center, Denver, CO
- 2001 “Introduction to Occupational Lung Disease,” Preventive Medicine Practicum, Department of Preventive Medicine and Biometrics, University of Colorado Health Science Center, Denver, CO
- 2002 “Occupational Asthma: A Primer for Family Practice”, Family Medicine Topics, Department of Family Medicine, University of Colorado Health Sciences Center, Denver, CO
- “Introduction to Occupational Lung Disease,” Preventive Medicine Practicum, Department of Preventive Medicine and Biometrics, University of Colorado Health Science Center, Denver, CO
- 2003 “Occupational Airway Disease,” Pulmonary Topics, Department of Medicine, University of Colorado Health Sciences Center, Denver, CO
- “Introduction to Occupational Lung Disease,” Preventive Medicine Practicum, Department of Preventive Medicine and Biometrics, University of Colorado Health Science Center, Denver, CO
- “Occupational Health in Health Care Workers,” Problem-based Learning in Occupational and Environmental Health: PRMD 6615, Instructor, Department of Preventive Medicine and Biometrics, University of Colorado School of Medicine, Denver CO

- 2004 “Occupational Health in Health Care Workers,” Problem-based Learning in Occupational and Environmental Health: PRMD 6615, Instructor, Department of Preventive Medicine and Biometrics, University of Colorado School of Medicine, Denver CO
- “Occupational Airway Disease,” Pulmonary Topics, Department of Medicine, University of Colorado Health Sciences Center, Denver, CO
- “Asthma Epidemiology,” Chronic Disease Epidemiology: PRMD 6636, Department of Preventive Medicine and Biometrics, University of Colorado School of Medicine, Denver, CO
- “Introduction to Occupational Lung Disease,” Preventive Medicine Practicum, Department of Preventive Medicine and Biometrics, University of Colorado Health Science Center, Denver, CO
- 2005 “Occupational Granulomatous Lung Diseases” Pulmonary Topics, Department of Medicine, University of Colorado at Denver and Health Sciences Center, Denver, CO
- 2006 “Occupational Granulomatous Lung Diseases” Pulmonary Topics, Department of Medicine, University of Colorado at Denver and Health Sciences Center, Denver, CO
- “Occupational Health in Health Care Workers,” Problem-based Learning in Occupational and Environmental Health: PRMD 6615, Instructor, Department of Preventive Medicine and Biometrics, University of Colorado School of Medicine, Denver CO
- 2007 “Occupational Health in Health Care Workers,” Problem-based Learning in Occupational and Environmental Health: PRMD 6615, Instructor, Department of Preventive Medicine and Biometrics, University of Colorado School of Medicine, Denver CO
- 2008 “Occupational Granulomatous Lung Diseases” Pulmonary Topics, Department of Medicine, University of Colorado, Denver, CO
- “Occupational Health in Health Care Workers,” Problem-based Learning in Occupational and Environmental Health: PRMD 6615, Instructor, Department of Preventive Medicine and Biometrics, University of Colorado School of Medicine, Denver CO
- 2009 “Occupational Granulomatous Lung Diseases,” Pulmonary Topics, Department of Medicine, University of Colorado, Denver, CO
- 2010 “Occupational Granulomatous Lung Diseases,” Pulmonary Topics, Department of Medicine, University of Colorado, Denver, CO
- 2011- present “Genetic and Environment Interactions in Environmental and Occupational Health” Occupational and Environmental Health: EHOH 6614, Colorado School of Public Health, University of Colorado, Denver, CO

- “Occupational Granulomatous Lung Diseases,” Pulmonary Topics, Department of Medicine, University of Colorado, Denver, CO
- 2013 “Occupational Granulomatous Lung Diseases,” Pulmonary Topics, Department of Medicine, University of Colorado, Denver, CO
- “Genetic and Environment Interactions in Environmental and Occupational Health” Occupational and Environmental Health: EHOH 6614, Colorado School of Public Health, University of Colorado, Denver, CO
- 2014 “Genetic and Environment Interactions in Environmental and Occupational Health” Occupational and Environmental Health: EHOH 6614, Colorado School of Public Health, University of Colorado, Denver, CO
- “Occupational Granulomatous Lung Diseases,” OEM Resident Topics, Colorado School of Public Health, University of Colorado, Denver, CO
- 2015 “Occupational Granulomatous Lung Diseases,” Pulmonary Topics, Department of Medicine, University of Colorado, Denver, CO
- “Occupational Granulomatous Lung Diseases,” OEM Resident Topics, Colorado School of Public Health, University of Colorado, Denver, CO
- 2016 “Exposure Induced Granulomatous Lung Disease,” OEM Resident Summer Lecture Series, National Jewish Health, Denver, CO
- 2017 “Occupational Granulomatous Disease,” OEM Resident Summer Lecture Series, National Jewish Health, Denver, CO
- 2018 “Occupational Granulomatous Disease,” OEM Resident Summer Lecture Series, National Jewish Health, Denver, CO
- “Gene and Environment Interactions in Environmental and Occupational Health,” EHOH 6614 Introductory Course Lecture, Colorado School of Public Health, Denver, CO
- 2019 “Occupational Granulomatous Disease,” OEM Resident Summer Lecture Series, National Jewish Health, Denver, CO

B. GRADUATE STUDENT THESIS COMMITTEES MEMBER

- 1998-2000 Paul Kelleher, MD “Exposure-related risks for beryllium sensitization in a metal machining plant,” MSPH (University of Colorado)
Currently an Occupational Medicine physician in Mystic, CT
- 1999-2000 Rita Lundgren, “Analyzing missing and mistimed data while maximizing power,” MS in Biometrics (University of Colorado)
Currently in the Department of Internal Medicine at Denver Health, Denver, CO

- 2000-2005 Yasmine Wasfi, MD “Apoptosis-related genetic polymorphisms in sarcoidosis,” PhD (University of Colorado)
Currently a Senior Director at Janssen, Pharmaceutical Companies of Johnson and Johnson, with a joint appointment at University of Pennsylvania, Philadelphia, PA
- 2002-2003 Holly Sackett, “Current worker beryllium disease prevention program at Rocky Flats,” MSPH (University of Colorado)
Currently at the University of Colorado Denver, Colorado School of Public Health, Denver, CO
- 2002-2003 Delos Carrier, MD “Effect of corticosteroids on the progression of chronic beryllium disease,” MSPH (University of Colorado)
Currently an Occupational Medicine physician at Mercy Medical Center, Clinton, IA
- 2003-2009 Michael VanDyke, MS, CIH “Exposure response relationship in beryllium sensitization and CBD,” Ph.D. (Colorado State University)
Currently Associate Professor, Environmental/Occupational Health Department, Colorado School of Public Health/ University of Colorado Anschutz Medical Campus
- 2008-2011 Lori S. Silveira, MS, “Disease Severity in Chronic Beryllium Disease and Sarcoidosis,” PhD Immunology (University of Colorado)
Currently Assistant Professor at University of Colorado, School of Medicine/Children’s Hospital of Colorado, University of Colorado Anschutz Medical Campus
- 2013-2015 Kristie Robson, “Is the frequency of abnormal blood LPT tests higher for beryllium-sensitized patients who progress to chronic beryllium disease?” MPH Capstone (University of Colorado)
- 2014-2015 Christina Taylor, “Risk of CBD and BeS in low exposure industries,” MPH Capstone Colorado School of Public Health (Colorado State University)
Currently Executive Director at Early Childhood Council of Larimer County Colorado
- 2014-2015 Lisa Barker, “Use of interferon-gamma release assays in diagnosis of CBD and BeS,” MPH Capstone Colorado School of Public Health (University of Colorado)
Currently Accounts Manager in the Advanced Diagnostics Lab, National Jewish Health, Denver, CO
- 2015-2016 Angela Mitchell, MS, “Characterization of the CD4+ T Cell Repertoire in Sarcoidosis Patients,” PhD Immunology (University of Colorado)
Currently Post-Doc at Barbara Davis Center for Diabetes

- 2019- 2021 Rachel Blumhagen, “Localization of Rare Variants in Loci Previously Identified in Aggregate Rare Variant Testing,” PhD Biostatistics, (Colorado School of Public Health)
Currently Assistant Professor at National Jewish Health
- 2016-2021 Iain Konigsberg, “Epigenomic signatures of chronic beryllium disease and sarcoidosis,” PhD Human Medical Genetics and Genomics, (University of Colorado Anschutz Medical Campus)
Currently Post-Doc in Biomedical Informatics & Personalized Medicine

C. POSTDOCTORAL FELLOWS

- 2000-2005 Yasmine Wasfi, MD, Primary Research Mentor, “Apoptosis-related genetic polymorphisms in sarcoidosis,”
Currently a Senior Director at Janssen, Pharmaceutical Companies of Johnson and Johnson, with a joint appointment at University of Pennsylvania, Philadelphia, PA
- 2004-2005 Hiroe Sato, MD, PhD, Post-Doctoral Fellow, “HLA and other genetic variants associated with CBD and sarcoidosis,”
Currently in the Department of Clinical Genomics, Imperial College, London, United Kingdom
- 2005-2009 Stella Hines, MD, Pulmonary Fellow, Advisor
Currently Associate Professor, Department of Pulmonary and Critical Care Medicine, University of Maryland Medical Center, Baltimore, MD
- 2008-2011 Li Li, MD, PhD, Post-Doctoral Fellow, “Dendritic cells in CBD and other granulomatous lung diseases,”
Currently Associate Professor in the Department of Environmental and Occupational Health Sciences, National Jewish Health, Denver, CO
- 2008-2012 Kelsey Gray, MD, MPH, Pulmonary Fellow, Advisor
Currently a Pulmonologist at the Palo Alto Medical Foundation, Santa Cruz, CA
- 2010-2012 John Ferguson, MD, Pulmonary Fellow, Primary Research Mentor “Innate immunity in sarcoidosis antigen presentation,”
Currently a Pulmonologist at Lutheran Medical Center, Wheatridge, CO
- 2011-2016 Silpa Dhoma/Kreffft, MD, Pulmonary Fellow, Advisor
Currently Assistant Professor in the Division of Environmental and Occupational Health Sciences, National Jewish Health, Denver, CO
- 2013-2014 Divya Patel, MD, Pulmonary and Critical Care Medicine Fellow Primary Research Mentor, “Clinical determinants of fibrotic sarcoidosis”
Currently Associate Professor, Sarcoidosis and ILD Program Director at UF, Gainesville, FL

- 2014-2015 Hongbo Liu, PhD, Visiting Professor, “Occupational and other risk factors in sarcoidosis and CBD”
Currently Professor, Chief Biostatistics, School of Public Health, China Medical University, Shenyang, P.R. China
- 2016-2018 Andrew Levy, MD, Pulmonary Fellow, “Clinical and genetic determinants of fibrotic sarcoidosis”
Currently Pulmonologist, Portland, OR
- 2018- Nancy Lin, MD, Pulmonary Occupational Medicine Fellow, “MiRNA biomarkers in diagnosis and prognosis of sarcoidosis”
- 2019- Arnav Gupta, Pulmonary Fellow, Research Committee Member, “The transcriptional response to ozone in airway epithelial cells”
- 2020-2021 Sarah Greaves, PhD, Postdoctoral Fellow, Research Committee Member, “Defining a Sarcoidosis Antigen and Immune Response,” (University of Colorado Anschutz Medical Campus)
Currently Process Development Scientist, Scientist at Atara Biotherapeutics

D. FACULTY MENTORSHIP

- 2008-2014 Nabeel Hamzeh, MD Assistant Professor, National Jewish Health Research Mentor, “Sarcoidosis Treatment and Epigenetic Regulation of Gene Expression”
- 2019-present Shu-Yi Liao, MD, ScD, MS Assistant Professor, National Jewish Health, Research Mentor, “Sarcoidosis Genetics, Genomics, Metabolomics and Integrative Approaches”
- 2021-present Arnav Gupta, Assistant Professor, National Jewish Health, Research Committee Member, “The transcriptional response to wood fire air pollution in airway epithelial cells”
- 2022- present Nancy Lin, MD, Assistant Professor, National Jewish Health, Research Mentor “MiRNA biomarkers in diagnosis and prognosis of sarcoidosis”

IX. RESEARCH GRANTS AND CONTRACTS:

A. PREVIOUS GRANT SUPPORT

- 1999-2000 EPA-R-825702-02-0, Environmental Protection Agency
“Immunologic Basis of Lung Disease”
Mason PI,
Project #3: “Environment/Genetics in Beryllium Disease,”
Newman PI, Maier Co-PI (total award period: 2/16/99-2/15/00)
- 2000-2001 National Jewish Medical and Research Center, Translational Investigation Committee Grant
“TNF- α Polymorphisms in Chronic Beryllium Disease,”
Maier PI (total award period: 7/1/00-6/30/00)

2001-2002 National Jewish Medical and Research Center, Translational Investigation Committee Grant
 “Apoptosis-Related Genetic Polymorphisms in Sarcoidosis,”
 Sawyer PI, Maier Co-PI (total award period: 7/1/01-6/30/02)

2002-2003 National Jewish Medical and Research Center, Translational Investigation Committee Grant
 “Apoptosis-Related Genetic Polymorphisms in Sarcoidosis,”
 Sawyer PI, Maier Co-PI (total award period: 10/01/02-06/30/03)

1998-2003 KO8 HL03887, NHLBI, Mentored Clinical Scientist Development Award
 “Local Angiotensin System in Lung Fibrogenesis”
 Maier PI (total award period: 09/04/98–8/31/03)

2005 ATU 300014 ATSDR/AOEC
 “Peer review and development of the educational package for the Case Studies in Environmental Medicine for Beryllium”
 Maier PI (total award period: 06/01/05-09/30/05)

2006-2010 1R01 AI-065744, NIAID
 “Role of Mycobacteria in Sarcoidosis Immunopathogenesis”
 Drake PI, Maier Co-I, Site PI (total award period: 4/01/06-3/31/10)

2002-2009 5M1 RR00551 NIH/NCRR
 “Adult General Clinical Research Center”
 Krugman PI, Maier Co-I NJMRC Lab Director (total award period: 04/01/02-03/31/09)

2007-2010 R21HL081766, NIH
 “Shared Genetic Susceptibility in CBD and Sarcoidosis”
 Maier PI (total award period: 12/01/07-04/31/10)

2005-2009 Centocor
 “Clinical Efficacy of Remicade in chronic beryllium disease: A Randomized, Double-blind Data Safety Placebo-Controlled, Investigator Initiated Trial”
 Maier PI (total award period: 01/18/05-03/10/09)

2009 R01 HL092997, NIH/NHLBI
 “T Cells in Beryllium Sensitization and Disease”
 Fontenot PI, Maier Co-I, Site PI (total award period: 04/01/09-08/01/09)

2006-2010 BSF-RGA 2005060, United States Israel Bi-national Science Foundation
 “Chronic Beryllium Disease Worldwide Unrecognized Epidemic: Surveillance, Monitoring and Diagnosis Novel Program”
 Fireman PI, Maier Co-PI, Site PI (total award period: 09/01/06-10/15/10)

2005-2011 R01 AI1059618 NIAID
 “Study of Allergen, Genetics and Endotoxin (SAGE)”
 Rose PI, Maier Co-I (total award period: 05/01/05– 01/31/11)

2009-2011 MondoBIOTECH Laboratories
MondoBIOTECH
Maier PI (total award period: 08/01/09-05/31/11)

2005-2011 DE-FC01-05EH05021 DOE
“Repository for Chronic Beryllium Disease”
Maier PI (total award period: 09/01/05-09/30/11)

2010-2011 SH-20996-10-60-F-8, DOL/OSHA
Susan Harwood Beryllium Training Grant
Van Dyke PI, Maier Co-I (total award period: 09/30/10-09/30/11)

2009-2011 127514SCD2001, Centocor Research and Development, Inc.
“A Phase 2, Multicenter, Randomized, Double-blind, Parallel-group, Placebo-controlled Study Evaluating the Safety and Efficacy of Treatment with Ustekinumab or Golimumab in Subjects with Chronic Sarcoidosis”
Maier PI (total award period: 10/22/09-11/21/11)

2002-2014 1PO ES011810 NIH/NIEHS
“Beryllium: Exposure, Immune and Genetic Mechanisms” PPG
Maier PD Project #2, Director Laboratory and Clinical Core (total award period: 07/01/02-04/30/15)

2009-2014 1R01 ES017582 NIH/NIEHS
“Targeting Oxidative Stress in Chronic Beryllium Disease”
Maier/Day Multi-PI (total award period: 07/01/09 – 03/31/15)

2005-2015 DE-FC01-05EH05021 DOE
“Repository for Chronic Beryllium Disease”
Maier PI (total award period: 09/01/05-09/30/15)

2013-2015 U01HL112707, NIH/NHLBI
“Sarcoidosis and A1AT Genomics and Information Center (GRADS 2)”
Maier PI (total award period 01/05/2013-11/30/2015)

2011-2015 HPM/DOE
“CBDPP Epidemiological Study at the DOE Hanford Site”
Maier PI (total award period: 02/01/11 – 12/31/15)

2012-2016 1U01 HL112695, NIH/ NHLBI
“Genomic Research in AAT-Deficiency and Sarcoidosis Study (GRADS)”
Maier PI (total award period 5/01/12 – 4/30/16)

2003-2017 R01 HL62410 NIH/NHLBI
“Pathogenic T Cells in Chronic Beryllium Disease”
Fontenot PI, Maier Co-I, Site PI (total award period: 07/01/2003-11/30/2017)

2008-2018 UL1RR025780, NIH/NCRR
“Colorado Clinical and Translational Science Institute (CTSA)”

Sokol PI, Maier Co-I, National Jewish Health and University of Colorado Lab Director
(total award period: 06/01/2008-03/31/2018)

- 2017-2018 FSR – OSAP PRO
“Development of an Online Sarcoidosis Assessment Platform”
Maier PI (total award period: 09/01/2017-12/31/2018)
- 2017-2019 R21 HL140012, NIH NHLBI
“Circulating Exosome microRNA as Markers of Severe Sarcoidosis”
Crouser PI, Maier Co-I (total award period: 09/01/2017-08/31/2019)
- 2016-2019 R21 AI128738, NIH/NHLBI
“Role of T-bet+CD11c+ B Cells in Sarcoidosis”
Rubstova/O’Connor MPI, Maier Co-I (total award period: 12/15/2016-11/30/2019)
- 2013-2020 R01 HL11487, NIH/NHLBI
“Genetic Risk for Granulomatous Interstitial Lung Disease”
Fingerlin PI, Maier Co-I (total award period: 06/01/2013-12/31/2020)
- 2015-2020 R01 HL127461, NIH/NHLBI
“Epigenetic Regulation of Altered T-Cell Immunity in Sarcoidosis”
Hamzeh/O’Connor MPI, Maier Co-I (total award period: 10/01/15-09/30/20)
- 2016-2020 R01 ES025534 NIH/NHLBI
“Interactions Between Antigen-Specific Effector and Regulatory T Cells in Beryllium-Induced Disease”
Fontenot PI, Maier Co-I, Site PI (total award period: 10/01/2015-12/31/2020)
- 2015-2020 R01 ES023826 NIH/NHLBI
“Exposure in Epigenetic Regulation of Immune Response in CBD”
Maier/Yang MPI (total award period: 03/01/2015-12/31/2020)
- 2018-2020 COADV
“Field Trial & Clinical Comparison of BeELISpot in a Beryllium Exposed Workforce and in a Patient Population with Beryllium Health Effects”
Maier PI (total award period: 06/01/2018-2/29/2020)
- 2018-2020 MNK14344100
“A Phase 4 Multicenter, Randomized, Double Blind, Placebo Controlled Pilot Study to Assess the Efficacy and Safety of H.P. Acthar Gel in Subjects with Pulmonary Sarcoidosis”
Maier PI (total award period: 09/06/2018-12/20)
- 2019-2021 ATYR1923-C-002
“A Randomized, Double-Blind, Placebo-Controlled Multiple Ascending Dose Study of Intravenous ATYR1923 in Patients with Pulmonary Sarcoidosis “
Maier Site PI (total award period: 03/2019-10/21)

B. CURRENT SUPPORT

- 2016-2022 R01ES025534
Interactions Between Antigen-Specific Effector and Regulatory T Cells in Beryllium Induced Disease Fontenot (PI) Maier, Co-I, Site PI, (total rewards period: 01/01/2016-12/31/2022)
- 2016-2023 1R01ES025722, NIH/NHLBI
“The Immunoregulatory Role of Alveolar Macrophages in Chronic Beryllium Disease”
Li PI, Maier Co-I (total award period: 09/30/2016-08/31/2023)
- 2018-2022 FSR-CSN
“Foundation for Sarcoidosis Research: Clinical Studies Network”
Maier PI (total award period: 08/01/2018-12/31/2022)
- 2018-2023 1R01 HL140357, NIH/NHLBI
“Epigenetic Regulation of Immune Pathways in Sarcoidosis”
Maier/Yang MPI (total award period: 07/01/2018-06/30/2023)
- 2018-2023 R01HL136681, NIH/NHLBI
“A Prospective Study of T-Cell Immune Phenotype and Disease Outcome in Pulmonary Sarcoidosis” Hamzeh/O’Connor/Leach/Koth MPI, Maier Co-I (total award period: 04/01/2018-03/31/2023)
- 2018-2023 UL1TRR002535, NIH/NCRR
“Colorado Clinical and Translational Science Institute (CTSA)”
Sokol PI, Maier Co-I, National Jewish Health and University of Colorado Lab Director
(total award period: 05/01/2018-04/30/2023)
- 2018-2025 ReAS
“Registry for Advanced Sarcoidosis”
Baughman PI, Maier Co-I, Site PI (total award period: 01/18/2018-01/17/2025)
- 2018-2025 ReASPH
“Registry for Sarcoidosis Associated Hypertension”
Baughman PI, Maier Co-I, Site PI (total award period: 01/19/2018-01/18/2025)
- 2019-2023 R01 HL142049, NIH/NHLBI
“Novel Integrative Approaches for Disease Phenotyping, Utilizing Radiomics in Sarcoidosis” Maier/Fingerlin/Carlson MPI (total award period: 04/01/2019-03/31/2023)
- 2020-2024 R01 HL152756,
“Role of Chemokines in Innate and Adaptive Immunity in the Lung”
Fontenot PI, Maier Co-I, Site PI (total award period 04/01/2020-03/31/2024)
- 2020-2024 R01HL148437 NIH/NHLBI
“Development and Validation of a Prognostic Transcriptomic Signature for Chronic Hypersensitivity Pneumonitis” Fernandez/Vestal MPI, Maier Co-I (total award period: 08/01/2020-07/31/2024)

- 2021-2025 R01HL136137
 “T Cell Epitope Discover in Sarcoidosis”
 Fontenot (PI), Maier Co-I, Site PI (total rewards period: 07/01/2021-06/30/2025)
- 2021-2025 R01HL153613
 Comprehensive proteomic classifier for the molecular characterization
 of pulmonary sarcoidosis Bhargava/Maier (MPI) (total rewards period: 08/15/2021-
 07/31/2025)
- 2022-2026 R01ES033678
 Using Multi-Omics to Define Regulators and Drivers of Granulomatous Inflammation
 and Chronic Beryllium Disease Maier/Yang (MPI) (total rewards period: 02/09/2022-
 11/30/2026)

X. BIBLIOGRAPHY

A. PUBLICATIONS IN REFEREED JOURNALS

1. Bovbjerg DH, Redd WH, Maier LA, Holland JC, Lesko LM, Niedzwiecki D, Rubin SC, Hakes TB. Anticipatory immune suppression and nausea in women receiving cyclic chemotherapy for ovarian cancer. *J Consult Clin Psychol*. 1990 Apr;58(2):153-7. doi: 10.1037//0022-006x.58.2.153. PMID: 2335631.
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D. ABSTRACTS AND PAPERS PRESENTED AT MEETINGS (SEE APPENDIX 1)

E. MANUSCRIPTS SUBMITTED FOR PUBLICATION AND AVAILABLE FOR EVALUATION: UPON REQUEST