

CURRICULUM VITAE

Lewis Joseph Radonovich, M.D.

Date of Last Revision: September 5, 2013

PERSONAL DATA

Date of Birth: 11/26/1967
Place of Birth: Detroit, Michigan
Citizenship: U.S.A.

Business Address: 1601 SW Archer Road (151B)
Gainesville, Florida 32608
Phone: (352) 376-1611 x 5105
Email: lewis.radonovich@va.gov

Home address: 9402 SW 90th Street
Gainesville, FL 32608
(352) 495-8114

PROFESSIONAL EXPERIENCE

Current Appointments

2008 – present Director, National Center for Occupational Safety and Infection Control, Office of Public Health and Environmental Hazards, Veterans Health Administration, Washington, DC. Field Office: Gainesville, FL.
Principal Responsibilities: *Direct clinical research, demonstration projects and health policy analyses relating to questions that arise in the national scope of the VHA in the overlapping disciplines of Occupational Health, Infection Control, Industrial Hygiene and Biosafety; Direct public health preparedness activities for the Department of Veterans Affairs.*

2010 – present Courtesy Affiliate Associate Professor of Public Health, University of Florida College of Public Health and Health Professions, Gainesville, Florida.

2010 – present Adjunct Clinical Associate Professor of Medicine, University of Florida College of Public Health and Health Professions, Gainesville, Florida.

Prior Appointments and Roles

2009 - 2010 Senior Medical Advisor, Office of Public Health and Environmental Hazards, Veterans Health Administration, Department of Veterans Affairs. Washington, DC.

- 2009 - 2010 Co-Director of Influenza Pandemic Response and Senior Medical Advisor, Office of Public Health and Environmental Hazards, Veterans Health Administration, Department of Veterans Affairs. Washington, DC.
Principal Responsibilities: *Direct the multi-programmatic national response to the 2009 H1N1 Influenza Pandemic for the Department of Veterans Affairs. Develop national policies; Plan strategies and implement tactics to diminish the impact of the pandemic on the nation's VA Medical Centers; represent the Department of Veterans Affairs at the White House and other Federal Agencies.*
- 2007 – 2009 Adjunct Assistant Professor of Medicine, University of Florida College of Medicine, Gainesville, Florida.
- 2007 – 2008 Director, Biosecurity Programs, Office of Program Development, North Florida/South Georgia Veterans Health System, Gainesville, Florida.
Principal Responsibilities: *Directed programmatic development in biosecurity applied research and clinical activities; served as principal investigator on studies involving pandemic influenza preparedness; worked in collaboration with and a member of the Veterans Health Administration headquarters on numerous biosecurity projects.*
- 2006 – 2007 Clinical Leader of Emergency Management, North Florida/South Georgia Veterans Health System.
Principal Responsibilities: *Led a multi-disciplinary emergency management team of healthcare professionals stationed at two hospitals and nine outpatient facilities.*
- 2004 – 2007 Director of Occupational Health Services, Veterans Affairs Medical Center, Gainesville, Florida
Principal Responsibilities: *Administrate the Occupational Medicine activities in the North Florida/South Georgia Veterans Health System; Administrate the Environmental Agents Service, including assessment of veterans with exposure to biological agents, ionizing radiation, agent orange, and the Persian Gulf Theatre; lead advancement of infection control issues affecting VA employees.*
- 2003 - 2004 Assistant Professor of Medicine, University of Pittsburgh, Center for Biosecurity of the University of Pittsburgh Medical Center, Baltimore, Maryland
Principal Responsibilities: *Conduct national biosecurity policy analysis and contribute to policy recommendations; design, build, and implement the Clinicians' Biodefense (Biosecurity) Network (www.upmc-cbn.org), a global electronic communication system serving clinicians in the event of bioterrorism; Conduct policy analysis on current ventilation standards in large commercial buildings; analyze smallpox vaccination programs; Convene working groups.*

- 2003 - 2004 Assistant Professor of Medicine, Johns Hopkins School of Medicine, Baltimore, Maryland
Principle Responsibilities: *Outpatient general internal medicine patient care and contribute to Departmental activities.*
- 2002 – 2003 Visiting Scholar, Johns Hopkins Bloomberg School of Public Health, Baltimore, Maryland

Senior Fellow, Center for Civilian Biodefense Strategies, Johns Hopkins University, Baltimore, Maryland
- 1997 - 2000 General Internal Medicine Private Practice, Gainesville Internal Medicine Physicians, Gainesville, Florida
Principal Responsibilities: *Conducted outpatient and inpatient care in an Internal Medicine private practice setting.*

Prior Professional Consultation

- 2004 Center for Biosecurity
University of Pittsburgh Medical Center
111 Market Place, Suite 830
Baltimore, Maryland 21202-4076
Phone: 443-573-3318
Email: lradonovich@upmc-biosecurity.org

EDUCATION AND TRAINING

- 2001 - 2005 Graduate School: Johns Hopkins Bloomberg School of Public Health, Baltimore, Maryland. Graduate Training Program in Clinical Investigation. 80 + credit hours with emphasis in statistics and epidemiology.
- 2000 - 2002 Postdoctoral Fellow: Johns Hopkins School of Medicine, Department of Medicine, Division of Clinical Pharmacology, Baltimore, Maryland
- 1995 - 1997 Residency: Internal Medicine, University of Vermont, Burlington, VT
- 1994 - 1995 Internship: Internal Medicine, University of Vermont, Burlington, VT
- 1990 - 1994 Medical School: University of North Dakota School of Medicine, Grand Forks, ND; M.D.
- 1986 – 1990 Undergraduate School: University of North Dakota, Grand Forks, N.D.; B.S. in Natural Science, Minor in Chemistry

Medical Licensure

- 1997 - present Florida ME-73443
2000 - 2007 Maryland (expired)

Board Certification

1997 - present Internal Medicine
2006 Recertification

PROFESSIONAL ACTIVITIES**Professional Society and Academic Memberships**

Infectious Disease Society of America
American College of Physicians
American Society for Heating, Refrigeration and Air-conditioning Engineers
Christian Medical and Dental Association
American Federation for Medical Research

Organizations, Leadership, and Advisory Panels

2013 - present Member, Interagency Board. US Federal Government. Washington, DC.

2013 - present Public Health Emergency Medical Countermeasures Enterprise Respiratory Protection Device Working Group. Centers for Disease Control and Prevention. Atlanta, GA.

2012 - present Public Health Emergency Medical Countermeasures Enterprise. Executive Council. US Department of Health and Human Services. Washington DC.

2011 - present Steering Committee member, Veterans Health Administration Emergency Management Evaluation Center, Washington DC.

2010 - 2012 Member, Federal Biodefense Sub-Interagency Policy Committee. Washington, DC.

2010 - present Appointed Member, Institute of Medicine Forum on Medical and Public Health Preparedness for Catastrophic Events. National Academies of Sciences. Washington DC.

2009 - 2010 Member, Respiratory Protective Devices Interagency Program Team (RPD-IPT), Requirements for Stockpiling Respirators and Surgical Masks in the Strategic National Stockpile (SNS), Washington, DC.

2009 - 2010 Member, Federal 2009 H1N1 Pandemic Influenza Sub-Interagency Policy Committee. Washington, DC.

2009 - 2010 Member, Emergency Management Guidebook Advisors Committee, Veterans Health Administration

2009 - 2010 Senior Advisor, Developing a systematic method to optimize High Efficiency Particulate Air filter replacement based on manufacturer recommendations and facilities data. Veterans Integrated Service

- Network Eight, CDL Leadership Group. Department of Veterans Affairs. Tampa, Florida.
- 2010 - present Member, ASHRAE IAQ 2010 International Scientific Committee. American Society for Heating, Refrigeration and Air Conditioning Engineers. Atlanta, GA.
- 2009 - present Member, Advisory Board, American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), Environmental Health Executive Committee, Atlanta, GA.
- 2009 - 2010 Member, Pandemic Influenza Advisory Panel, U.S. Department of Veterans Affairs, Washington, DC
- 2009 Chair, Research Oversight and Compliance Committee, North Florida/South Georgia Veterans Health Administration, Gainesville, Florida
- 2009 Member, Pandemic Influenza Strategy Committee, Veterans Health Administration, Washington DC
- 2008 Member, Respiratory Protection Devices Integrated Program Team. U.S. Federal Interagency Working Group. Department of Health and Human Services.
- 2007 Advisory Panel Member, Institute of Medicine, Personal Protective Equipment for Healthcare Workers during an Influenza Pandemic: Individual and Institutional Issues
- 2006 - 2008 Work Group Member, Funding Committee, Florida State Emergency Medical Surge Committee, Domestic Security.
- 2005 - present Chair, Avian Flu and Respiratory Infectious Disease Committee, North/Florida/South Georgia Veterans Health System.
- 2006 - present Member, Avian Influenza Committee, Veterans Health Administration, VISN 8.
- 2005 - 2007 Coordinator, Emergency Preparedness Training, North Florida/South Georgia Veterans Health System
- 2004 - 2005 Medical and Dental Missions Advisor, Amazon Vision Ministries, Gainesville, Florida
- 2004 - 2005 Global Medical Missions Advisor, Westside Baptist Church, Gainesville, Florida
- 2004 - 2005 Co-Chair, Employee Wellness Council, VA Medical Center, Gainesville, Florida

- 2004 Invited Participant, 2004 Building Protection Interagency Working Group, US Department of Homeland Security, Washington, DC
- 2004 Invited Member, Surge Capacity Working Group, Maryland Department of Health and Mental Hygiene, Baltimore, Maryland
- 2003 Advisor to the Director of Terrorism Preparedness and Response, Baltimore City Health Department, Harbor Biological Attack Simulated Event (Harbor B.A.S.E) bioterrorism exercise, Baltimore, MD.
- 2003 Committee Member, Health Care Systems Sub-Committee, Baltimore City Health Department Bioterrorism Exercise, Baltimore, MD.
- 2003 Planning Committee Member, Prelude Regional Initiative for Management of Emergency Response (PRIMER), Baltimore City Health Department. Exercise conducted 3/14/2003.
- 2002 Committee Member, Pre-emptive Smallpox Vaccination Policies, Johns Hopkins Hospital, Baltimore, MD
- 1991 - 2000 Delegate to the Florida Medical Association, Alachua County Medical Society
- 1998 - 2000 Advisory Board Member, Request Physical Therapy, Gainesville, Florida
- 1998 - 2000 Committee Member, Medical Records, North Florida Regional Medical Center, Gainesville, Florida
- 2000 Pharmacy and Therapeutics Committee Member, North Florida Regional Medical Center, Gainesville, Florida
- 2000 Physicians Hospital Organization, Elected Member, North Florida Regional Medical Center, Gainesville, Florida
- 1998 International Medical Mission Board Volunteer, Benin, Africa, Southern Baptist Convention
- 1995 - 1997 Graduate Medical Education Committee, Elected Housestaff Member, University of Vermont
- 1996 - 1997 Graduate Medical Education Search Committee, Housestaff Representative, University of Vermont
- 1995 Health Policy Clerk, Vermont Department of Health, Burlington, VT
- 1993 Academic Honesty and Professional Behavior Committee, Appointed Member, University of North Dakota School of Medicine
- 1992 - 1993 Official Student Representative to the Association of American Medical Colleges, University of North Dakota School of Medicine, Appointed Member

1988 - 1989 Undergraduate Medical Association, University of North Dakota,
Executive Board Member

Project and Organization Development

Title: **The Center for Occupational Safety and Infection Control.**
Role: Director
Description: A new Center within the Office of Public Health and Environmental Hazards in the Veterans Health Administration at the Department of Veterans Affairs. Purpose is to conduct policy analysis, demonstration projects and clinical applied research programs related to occupational health, infection control, industrial hygiene and/or biosafety.
Institution: Department of Veterans Affairs
Timeline: 5-year pilot project, 2008-2013.
Funding: Core support of \$1.6M per year x 5 years (\$8M total) + external grants
 2008: \$1.6 M total; Research budget \$800,000
 2009: \$2.0 M total; Research budget \$1.2 M + \$1.0M supplemental adjusted budget \$3.2M)
 2010: \$2.4 M total; Research budget \$1.5M
 2011:
 2012:
 2013:
Responsibilities: Direct the activities of the Center

Title: **Better Respiratory Equipment using Advanced Technologies for Healthcare Employees (Project BREATHE)**
Role: **Co-Principal Investigator**
Description: Interagency Working Group that will recommend ideal features for respirators for healthcare workers.
Timeline: 2007 - present
Institution: Department of Veterans Affairs
Mentor: Vicky Davey
Funding: \$450,000
Responsibilities: Co-chair the activities of a multidisciplinary working group.

Title: **Team Leader, Operational Research. Latin American Division of the Southeast National Tuberculosis Center**
Role: Investigator
Description: Develop new research projects in Latin America that aim to contain the spread of tuberculosis.
Timeline: 2007 - 2008
Institution: University of Florida
Program Leader: Michael Lauzardo, Principal Investigator, Southeast National TB Center
Funding: \$100,000
Responsibilities: Help lead the activities of a multidisciplinary group charged with developing new education, training and research projects in Latin America

Title: **Project Leader, Medical and Dental Medical Missions Project, Amazonas State, Brazil**
Role: Project Leader
Description: Develop new methodologies to effectively deliver international medical care to the needy in developing countries
Timeline: 2004 – 2005
Institution: Amazon Vision Ministries, Gainesville, Florida
Mentor: Sam Molind, Director, Global Health Outreach, Bristol, TN
Funding: None; volunteerism
Responsibilities: Direct the activities of a multidisciplinary group charged with delivering effective medical care to those lacking basic healthcare services in Amazonas, Brazil

Title: **Project Leader, Safer Buildings Project**
Role: Principal Investigator
Description: Study ways to protect inhabitants of large commercial buildings against the consequences of bioterrorist attacks
Timeline: 2003 – 2004
Institution: UPMC Center for Biosecurity
Funding: Alfred P. Sloan Foundation
Total award: Approximately \$250,000
Mentor: DA Henderson
Responsibilities: Direct the activities of a multidisciplinary group charged with analyzing current large commercial building ventilation standards; conduct demonstration project in several large urban commercial buildings showing ways to inexpensively improve occupant protection against bioattacks

Title: **Director, Clinicians' Biodefense Network (a.k.a. Clinicians' Biosecurity Network)**
Role: Founding Director and Managing Editor
Description: An Internet-based U.S. national network connecting clinicians, biomedical researchers, and other health care professionals in the event of a bioterrorist attack.
Website: www.upmc-cbn.org
Timeline: 2002-2004.
Institution(s): Johns Hopkins Center for Civilian Biodefense Strategies/UPMC Center for Biosecurity
Funding: Blum-Kovler Foundation
Total Award: \$1,000,000
Mentors: John Bartlett and Tara O'Toole
Responsibilities: Direct the activities of individuals from multiple institutions, including Johns Hopkins University, two private computer-consulting firms, two private law firms, and one independent contractor.

Conference and Meeting Organization

Chair, Investigators Meeting. Respiratory Protection Effectiveness Clinical Trial

Chair, Investigators Meeting. Incidence of Respiratory Illness in Healthcare Workers Who Wear Respirators, Surgical Masks or “Usual Protective Measures” while Caring for Patients: The Respiratory Protection Clinical Effectiveness Trial. October 14-16, 2009. Miami, FL.

Co-Chair, Lecture Series, National Center for Occupational Health and Infection Control. 2011-13.

Chair, Investigators Meeting. Incidence of Respiratory Illness in Healthcare Workers Who Wear Respirators, Surgical Masks or “Usual Protective Measures” while Caring for Patients: The Respiratory Protection Clinical Effectiveness Trial. October 14-16, 2009. Miami, FL.

Co-Chair, Interagency Working Group, Project BREATHE (Better Respiratory Equipment using Advanced Technologies for Healthcare Employees), Washington, DC. August 6-7, 2008.

Chair, Emergency Preparedness Seminar, North Florida/South Georgia Veterans Health System, 9/2005, 4/2006, 9/2006

Chair, Medical Missions Seminar, Delivering Effective International Medical Care with Medical Missions Projects, Westside Baptist Church, Gainesville, Florida, 4/3/2005

Co-Director, Using HVAC Filtration to Protect Occupants of Commercial Buildings against Agents of Bioterrorism, Minneapolis Minnesota, 3/3/2004-3/4/2004

EDITORIAL ACTIVITIES

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| 2007 - present | Report Independent Reviewer, Veterans Affairs Report: Meeting the Challenge of Pandemic Influenza: Ethical Guidance for Leaders and Health Care Professionals in the Veterans Health Administration. May 2008. |
| 2012 | Lead Guest Editor, Special Issue: Can Influenza Outbreaks Be Controlled? Influenza Research and Treatment. To be Published in the Fall 2012. |
| 2011 | Reviewer, Annual Survey: Influenza in the Workplace, National Institute for Occupational Safety and Health (NIOSH), May 2011. |
| 2008 | Report Independent Reviewer, Institute of Medicine Report: The Personal Protective Technology Laboratory at NIOSH. National Academies Press. |
| 2002 - 2004 | Associate Editor, <i>Biosecurity & Bioterrorism: Biodefense Strategy, Practice and Science</i> , Mary Ann Leibert Publishing, New York, NY |

HONORS AND AWARDS

Scholarships:

2001 - 2002	Johns Hopkins Institutional
1991 - 1993	R.F. Duggan, University of North Dakota
1989	Undergraduate Medical Association, University of North Dakota
1989	Student Alumni Association, Stone, University of North Dakota
1987 - 1989	University of North Dakota, Alumni
1986	University of North Dakota, Cranley
1986	Elks National
1986	Elks Regional
1994	Outstanding Humanistic and Scholastic Performance Award in Internal Medicine, University of North Dakota School of Medicine
1990	Phi Beta Kappa
1989	Mortar Board
1987	Phi Eta Sigma
1989-1990	President's Honor Role, University of North Dakota
1986-1990	National Dean's List

PUBLICATIONS

Peer-Reviewed: Original Journal Articles

Reisinger H Yin J, **Radonovich L**, Knighton T, Martinello R, Hodgson M, M.P.H., Perencevich E. Comprehensive Survey of Hand Hygiene Measurement and Improvement Practices in the Veterans Health Administration. *American Journal of Infection Control*. In press.

Gosch M, Shaffer R, Eagan A, Roberge R, Davey V; **Radonovich L**. B95: A New Respirator for Healthcare Personnel. *American Journal of Infection Control*. June 2013. In press.

Bessesen M, Savor-Price C, Simberkoff M, Reich N, Pavia A, **Radonovich L**. N95 Respirators or Surgical Masks to Protect Healthcare Workers Against Respiratory Infections: Are We There Yet? Invited Editorial about: A Randomized Clinical Trial of Three Options for N95 Respirators or Medical Masks in Healthcare Workers. *American Journal of Respiratory and Critical Care Medicine*. May 2013. In Press.

McDevitt J, Rudnick S, **Radonovich L**. Characterization of UVC Light Sensitivity of Influenza Virus. *Applied and Environmental Microbiology* 2011.

Shenal B, **Radonovich L**, Hodgson M, Bender B. Discomfort and exertion associated with prolonged respirator use in healthcare workers. *Journal of Occupational and Environmental Hygiene*. 2009: 9(12).

Tellman N, Knapp C, Baig A, **Radonovich L**. The Effects of the HIPPA on Influenza Research Using Geographical Information Systems. *Geospatial Health*, November 2010.

Baig A, Eagan A, **Radonovich L**. Healthcare Workers' Views about Respirator Use and Features that should be Included in the Next Generation of Respirators. *American Journal of Infection Control*, Feb 2009.

Radonovich L, Yanke R, Cheng J, Bender B. Diminished Speech Intelligibility Associated with Certain Respirators Worn by Healthcare Workers. *Journal of Occupational and Environmental Hygiene*,. Online November 2009. Print January 2010

Radonovich L, Perl T, Cohen H. Preventing the Soldiers of Healthcare from becoming Victims on the Pandemic Battlefield: Respirators or Surgical Masks as the Armor of Choice. *Disaster Medicine and Public Health Preparedness*. 2009 Dec;2(10)

Radonovich L, Magalian P, Hollingsworth MK, Baracco G. Stockpiling supplies for the next influenza pandemic. *Emerging Infectious Diseases*, On-line May 2, 2009. Print 2009(June).

Radonovich L, Cheng J, Hodgson M, Shenal B, Bender B. Respirator Tolerance in Healthcare Workers and Implications for Pandemic Influenza. *JAMA*. January (301): 2009.

Radonovich L, Hodgson M, Cohen H. Do Respirators Protect Healthcare Workers from Airborne Infectious Diseases? *Respiratory Care*. December(53); 12:1660-1663

Mair M, Grow B, Mair J, **Radonovich L**. Universal Influenza Vaccination: The time to act is now. *Biosecurity & Bioterrorism: Biodefense Strategy, Practice and Science*. 2006(4).

Bartlett J, Borio L, **Radonovich L**, Mair J, Inglesby T, O'Toole T, Mair M, Halsey N, Grow R. Smallpox Vaccination in 2003: Key Information for Clinicians. *Clinical Infectious Diseases* 2003(36)

Peer-reviewed: Editorials, Letters and Commentary

Subhash S, Baracco G, Fennelly K, **Radonovich L**. The Isolation Anteroom: An Important Component of Airborne Infection Control. *American Journal of Infection Control*. 2012.

Subhash S, **Radonovich L**. Hospital Surge Capacity: Are We Ready for the Next Outbreak? Invited manuscript. *ASHRAE Journal*. In Press.

Fennelly K, **Radonovich L**. Letter to the Editor of JID v.2 29 June 2011: Transocular Infection with Influenza and Efficacy of Barrier Methods. *Journal of Infectious Disease*. November 2011.

Radonovich L, Bender B. Commentary on Loeb M, Dafoe N, Mahony J, et al. Surgical mask vs N95 respirator for preventing influenza among health care workers: a randomized trial. *JAMA*. 2009;302:1865-71. 19797474. ACP Journal Club (152)3; March 2010 (In Press)

Radonovich L, Martinello R, Hodgson M, Milton D, Nardell E. Letter to the Editor. Influenza and Ultraviolet Germicidal Irradiation. *Virology Journal*. 2008, 5:149 .

Radonovich L, Bender B, Small P. Children should be among the highest priority groups to receive immunization for seasonal and pandemic influenza. *Biosecurity & Bioterrorism: Biodefense Strategy, Practice and Science*. 2007(4).

Peer-reviewed: Book Chapters and Major Government Reports

Gosch M, Martinello R, Post L, Meyer E, **Radonovich L**. 2009 H1N1 Influenza Pandemic: An After Action Report from the U.S. Department of Veterans Affairs. VA Office of Public Health. 3/15/2012.

Radonovich L, Baig A, Shaffer R, Roberge R, Davey V. Project BREATHE (Better Respirator Equipment using Advancing Technologies for Healthcare Employees) Report to the Department of Veterans Affairs. The Project BREATHE Interagency Working Group. Office of Public Health and Environmental Hazards. 4/26/2009.

Publications: Electronic and Non-Peer-Reviewed

Radonovich L. The Institute of Medicine and Personal Protective Equipment during a Pandemic; www.upmc-cbn.org. 10/4/2007. epub.

Radonovich L. Five months into the U.S. Civilian Smallpox Vaccination Program. The Clinicians' Biodefense Network; www.hopkins-cbn.org. 6/27/2003. epub.

Radonovich L. The Impact of SARS on Healthcare Workers: Implications for Bioterrorism Response. The Clinicians' Biodefense Network; www.hopkins-cbn.org. 6/27/2003. epub.

Radonovich, L. Severe Acute Respiratory Syndrome (SARS): Lessons for Bioterrorism Preparedness. The Clinicians' Biodefense Network; www.hopkins-cbn.org. 5/4/2003. epub.

Inglesby, T. **Radonovich, L**. O'Toole, T. SARS: Case Study of an Outbreak Investigation of a Novel Disease, and what clinicians might expect of an investigation following a bioterrorist attack. The Clinicians' Biodefense Network; www.hopkins-cbn.org. 3/28/2003. epub

Radonovich, L. Johns Hopkins Biodefense Center to Launch the Clinicians' Biodefense Network. Biodefense Quarterly 2002(4):1-2

Peer Reviewed: Manuscripts in Preparation

Radonovich L, Small P, Passamai M. A Tale of Two Cities. In preparation.

Reich, N, Cummings D, **Radonovich L**, Perl T. Signals identifying the beginning of flu season." In preparation.

Lednicky, J, Fennelly K, **Radonovich L**. Influenza capture and viability of wild-type virus. In preparation.

Evans C; Poggensee; **Radonovich L**,; Hill J, MA; Eagan A, Martinello R.
A propensity-score matched study of the comparative effectiveness of high dose versus standard dose influenza vaccine during the 2011-2012 influenza season in older Veterans.

Evans C, **Radonovich L**, Martinello R. Factors associated with receipt of high dose versus standard dose influenza vaccine during the 2011-2012 influenza season in older Veterans. Pending Submission.

Shaffer R , Zhuang Z , Gosch M, Eagan A, **Radonovich L**, Roberge R. Recommended Requirements, Test Methods, and Pass/Fail Criteria for a “B95” Respirator for Healthcare Workers.

Small P Jr, **Radonovich L**, Bender B, Morris G. Influenza Control: Roles of Live Attenuated and Inactivated Influenza Vaccine and School-Located Vaccination Programs.

Subhas, Martinello R, , **Radonovich L** and Campbell S: Use of Common Disinfectants to Remove Influenza Virus from Elastomeric Respirators. Submission Journal TBD.

TEACHING

Classroom Instruction

- | | |
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| 2006 | The Threat of Bioterrorism and Selected Agents, University of Florida, Biodefense Lecture Series, April 7, 2006. |
| 2003 | Clinical Communication during the Anthrax Crisis and Beyond. Medical and Public Health Aspects of Bioterrorism (301.847). Johns Hopkins Bloomberg School of Public Health, 6/2003. |
| 1999 | “Challenging Clinical Cases in Internal Medicine.” Housestaff Conference, Good Samaritan Hospital, Baltimore, Maryland |
| 1996 | “The Training of a Physician.” Course Guest Lecturer, Athletic Training II (EDPE 185), University of Vermont |
| 1990 | Science Instructor, Upward Bound Program, University of North Dakota |
| 1988-89 | Undergraduate Teaching Assistant, Chemistry 105, University of North Dakota |
| 1989 | Undergraduate Teaching Assistant, Disabled Student Services, University of North Dakota |

RESEARCH GRANT PARTICIPATION

U.S. Centers for Disease Control and Prevention: “Respiratory Protection Effectiveness Clinical Trial (ResPECT)”

Dates: 2009- present

Principal Investigators: **Lew Radonovich**, Trish Perl

Collaborative Investigator/mentor: Mike Bell, Arnold Monto, Kristin Nichol, Brad Bender, Howard Cohen.

Grant Objective: To compare the effectiveness of three protection measures against influenza transmission to healthcare workers in the outpatient occupational setting. Influenza Response and Mitigation.

Total Award: \$4,400,000

US Department of Veterans Affairs: “Complex Verbal Functions and the Basal Ganglia in Gulf War Illness.”

Dates: 2008-2010

Principal Investigator: Bruce Crosson

Collaborative Investigator/mentor: **Lew Radonovich**

Grant Objective: To assess the deficits of selected Gulf War Veterans with certain cognitive deficits and determine if they fulfill the criteria of Haley-2 Syndrome.

Total Award: \$905,165

US Department of Veterans Affairs: “Comparison of Speech Intelligibility of Healthcare Workers while Wearing Half-Face Elastomeric Respirators Equipped with and without Voice Augmentation Devices”

Dates: 2007- present

Principal Investigator: **Lew Radonovich**

Collaborative Investigator/mentor: Brad Bender

Grant Objective: To compare speech interference among several commonly used half-face elastomeric respirators. Pandemic influenza preparedness.

Total Award: \$125,000.

US Department of Veterans Affairs: “Incidence Determination of Influenza-Like Illness (ILI), Influenza and other Common Respiratory Pathogens in a Long-Term Care Facility in Florida”

Dates: 2007- 2008

Principal Investigator: **Lew Radonovich**

Collaborative Investigator/mentor: Brad Bender

Grant Objective: To assess incidence of ILI and other respiratory pathogens in the Lake City VA Nursing Home Care Unit; to determine feasibility for future aerosol studies. Pandemic influenza preparedness.

Total Award: \$100,000.

US Department of Veterans Affairs: “Determination of the Effectiveness of Upper-Room Ultraviolet Light to Diminish Transmission of Influenza in the Long-Term Care Setting.

Role: Co-Investigator

Description: Multi-center study to assess the effectiveness of upper-room UV light to diminish influenza transmission and assess mechanisms of influenza human-to-human transmission.

Timeline: 2007 – 2008 (pilot study)

Mentors: Don Milton; Don Milton; Brad Bender; Paul Hoffman; Glenn Morris

Funding: \$200,000

Responsibilities: Serve as local Principal Investigator for the multi-center study

US Department of Veterans Affairs: “Tolerability Assessment of Respirators in Healthcare Workers”

Dates: 2006- 2007

Principal Investigator: **Lew Radonovich**

Collaborative Investigator/mentor: Brad Bender

Grant Objective: To assess the tolerability of various respirators in healthcare workers while caring for patients. Pandemic influenza preparedness.
Total Award: \$100,200.

U.S. Department of Defense, Medical Research Program: “Evaluation of Nucleoside Analogs for Chemoprophylaxis of Adenoviral Respiratory Infections.”

Dates: 2001-2002.

Principal Investigator: Craig Hendrix

Co-Investigator: **Lew Radonovich**

Grant Objective: Investigate the in vitro efficacy of nucleoside analogs against adenoviral respiratory disease

Total Award: \$243,452

Responsibilities: Co-managed research activities; conducted laboratory research; developed laboratory and clinical research protocols

Johns Hopkins Hospital Institutional Research Grant: “Treatment of Adenoviral Respiratory Disease with Nucleoside Analogs.”

Dates: 2001-2002.

Principal Investigator: Craig Hendrix

Co-investigator: **Lew Radonovich**

Grant Objective: Investigate the in vitro efficacy of nucleoside analogs against adenoviral respiratory disease

Total Award: \$18,132

Responsibilities: Co-managed research activities; conducted laboratory research; developed laboratory and clinical research protocols

Pharmaceutical Research and Manufacturers of America Foundation, Fellowship for Careers in Clinical Pharmacology Award Recipient: “Improving the Antiviral Effect of Interferon-alpha for Hepatitis C.”

Principal Investigator: Craig Hendrix

Sub-investigator: **Lewis Radonovich**

Dates: 2001

Grant Objective: Evaluate the effect of non-steroidal anti-inflammatory agents on the antiviral activity of interferon-alpha in treating Hepatitis C.

Total Award: \$48,000

Responsibilities: Co-developed laboratory and clinical research protocols

ABSTRACTS, INVITED PRESENTATIONS AND SEMINARS

Gorman K, Irwin A, Bessesen M, Gibert C, Nyquist A, Perl T, Price C, **Radonovich L**, Rodriguez-Barradas M, Simberkoff M. Altruistic Motivations behind Compliance with Respiratory Protective equipment. *IDSA 2013 Conference*. San Francisco, CA. October 2-6, 2013.

Haines K, Chopko L, Zorn M, Bessesen M, Nyquist A, Perl T, Price C, **Radonovich L**, Reich N, Rodriguez-Barradas M, Simberkoff M, Gibert C. Knowledge of Healthcare Personnel about Appropriate Personal Protective Equipment in Outpatient Healthcare Settings. *IDSA 2013 Conference*. San Francisco, CA. October 2-6, 2013.

Silva K, Irwin A, Bessesen M, Gibert C, Nyquist A, Perl T, Price C, **Radonovich L**, Rodriguez-Barradas M, Simberkoff M. Performing Respiratory Procedures Does Not Increase the Risk of Acute Respiratory Illness amongst Healthcare Personnel. *IDSA 2013 Conference*. San Francisco, CA. October 2-6, 2013.

Irwin A, Cummings D, Silva K, Bessesen M, Gibert C, Nyquist A, Perl T, Price C, **Radonovich L**, Rodriguez-Barradas M, Simberkoff M. Hand Hygiene among Healthcare Workers during a mild (2011-2012) and Moderate (2012-2013) Influenza Season. *IDSA 2013 Conference*. San Francisco, CA. October 2-6, 2013.

Tuder S, Adams J, Gibert C, Nyquist C, Perl T, Price C, **Radonovich L**, Reich N, Rodriguez-Barradas M, Simberkoff M, Bessesen M. Self-reported versus Observed Facial Protection Equipment (FPE) Use among Healthcare Personnel (HCP) in Outpatient Care and Emergency Departments (OPD/ED). *IDSA 2013 Conference*. San Francisco, CA. October 2-6, 2013.

Kubala M, Los J, Gaydos C, Bessesen M, Cummings D, Gibert C, Gorse G, Holden J, Nyquist A, Price C, **Radonovich L**, Rodriguez-Barradas M, Sampath R, Simberkoff M, Perl T. Acute Respiratory Viral Infection among Outpatient Healthcare Personnel. *IDSA 2013 Conference*. San Francisco, CA. October 2-6, 2013.

Frederick J, Akagbosu C, Bessesen M, Gibert C, Nyquist A, Perl T, Price C, **Radonovich L**, Reich N, Rodriguez-Barradas M, Simberkoff M. The Impact of Mandatory vs. Non-mandatory vaccination programs on employee sick leave during acute respiratory virus season: observations from the ResPECT Study. *IDSA 2013 Conference*. San Francisco, CA. October 2-6, 2013.

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