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| <u>EDUCATION:</u> | <u>Degree</u> | <u>Year Conferred</u> | <u>Field of Study</u> |
|-----------------------------------------------------------|---------------|-----------------------|-----------------------|
| Marquette University, Milwaukee, WI | B.S. | 1970 | Biology/Chemistry |
| University of Minnesota, Minneapolis, MN | M.D. | 1974 | Medicine |
| Mayo Graduate School of Medicine, Rochester, Minnesota | M.S. | 1979 | Medicine |

TRAINING:

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|------------|--------------------------------------------------------------------------------------------------|
| 1974 -1977 | Internal Medicine Residency, Mayo Graduate School of Medicine, Rochester, Minnesota |
| 1977-1979 | Pulmonary Subspecialty Training, Mayo Graduate School of Medicine, Rochester, Minnesota |
| 1979-1981 | Guest Worker, National Heart, Lung, and Blood Institute, Pulmonary Branch, Bethesda, Maryland |
| 1995-1996 | Health Policy Fellow, United States Senate, Labor and Human Resources Committee |

ACADEMIC POSITION:

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|------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| 1979-1981 | Instructor, University of Minnesota, Mayo Medical School, Rochester, Minnesota |
| 1981-1985 | Assistant Professor of Medicine, Mayo Medical School, Rochester, Minnesota |
| 1986-1988 | Associate Professor of Medicine, Mayo Medical School and Mayo Foundation, Rochester, Minnesota |
| 1997-2001 | Adjunct Professor, Department of Integrative Physiology, University of North Texas Health Science Center, Fort Worth, Texas |
| 1981-1988 | Consultant, Thoracic Diseases, Mayo Clinic, Rochester, Minnesota |
| 1988-2000 | Director, Division of Pulmonary, Allergy, Critical Care and Occupational Medicine, Indiana University School of Medicine, Indianapolis, Indiana |
| 1988-2002 | Professor of Medicine, Indiana University School of Medicine, Indianapolis, Indiana |
| 1988-2002 | Floyd and Reba Smith Chair, Indiana University School of Medicine, Indianapolis, Indiana |
| 2000-2001 | Associate Dean for Specialty Care, Indiana University School of Medicine, Indianapolis, Indiana |
| 2000-2002 | President and Chief Executive Officer, Indiana University Health Care |
| 2001-2002 | Executive Associate Dean for Clinical Affairs, Indiana University School of Medicine, Indianapolis, Indiana |
| 2002- | Professor of Medicine, University of Cincinnati, Cincinnati, Ohio |
| 2002-2003 | Acting Senior Vice President for Health Affairs, University of Cincinnati, Cincinnati, Ohio |
| 2002-2004 | Christian R. Holmes Chair, College of Medicine, University of Cincinnati |
| 2002-2004 | Dean, College of Medicine, University of Cincinnati, Cincinnati, Ohio |
| 2004- 2006 | Donald C. Harrison Chair (inaugural recipient of endowed Chair), University of Cincinnati, Cincinnati, Ohio |
| 2006- | Associate Director, National Institutes of Environmental Health Sciences (NIEHS), Research Triangle Park, North Carolina |
| 2006- | Director, Office of Translational Research, NIEHS, Research Triangle Park, North Carolina |

LICENSURE:

Physician, State of Minnesota, 1974-1988
 Physician, State of Iowa, 1977-1979
 Physician, State of Indiana 1988-2002
 Physician, State of Ohio 2002-present

AMERICAN BOARD OF CERTIFICATION:

Internal Medicine - 1977
 Pulmonary Medicine – 1980

SOCIETIES:

AOA Honorary Medical Society
 American College of Physicians
 American Thoracic Society
 Sigma Xi

American Federation for Clinical Research
 American College of Chest Physicians (Fellow)
 Indiana Thoracic Society
 American Lung Association of Indiana
 American Society for Clinical Investigation
 Association of American Physicians
 American Clinical and Climatological Association

HONORS AND OTHER SPECIAL SCIENTIFIC RECOGNITION:

Cum Laude, Marquette University
 National Institute of Mental Health Student Research Fellowship, 1971-1973
 Minnesota Medical Foundation Research Award, 1973-1974
 AOA Medical Society 1974
 Parker B. Francis Fellow, 1977-1978
 Minnesota Lung Association Fellow, 1978-1979
 Balfour Research Award, Mayo Clinic, 1979
 Mayo Foundation Scholar, Mayo Clinic, 1979-1981
 Rappaport Clinical Investigator Award, Mayo Clinic, 1982-1985
 American College of Chest Physicians, "Future Leaders of Pulmonary Medicine," 1983
 American Society for Clinical Investigation, 1992 – present
 “Best Doctors” list (Town and Country magazine, Indianapolis Monthly, Cincinnati Magazine), listings from 1990 to 2004
 Robert Wood Johnson Health Policy Fellowship (awarded but declined) 1995-1996
 Health Policy Fellow, US Senate Labor & Human Resources Committee 1995-1996
 Association of American Physicians, 1996 - present
 Tom Neff Honorary Lecturer, University of Colorado, 1999
 President, American Thoracic Society, 2000-2001
 Spirit of Indiana Award (annual award), American Lung Association of Indiana, 2000
 Manuscript highlighted by National Institute of Allergy and Infectious Disease “SciBites”, 2001
 PNAS manuscript reviewed in Nature Reviews Immunology, 2002
 Annual Leadership Award, Alpha-1 Antitrypsin Foundation, Miami, Florida, 2002
 Sagamore of the Wabash Award, Highest honor for citizen of Indiana, presented by Governor O’Bannon, 2002
 Inaugural recipient of William J. Martin II, M.D. Award, Public Advisory Roundtable, American Thoracic Society, 2003
 Chair, Ohio Council of Medical School Deans, 2004
 Grand Marshal, 32nd Annual Dr. Martin Luther King Jr. Memorial March and Ceremony, Cincinnati, OH, 2004
 Elected to American Clinical and Climatological Association, 2004
 David Dines Honorary Lecturer, Mayo Clinic, 2005
 The President’s Volunteer Service Award (Hurricane Katrina Relief with Project Hope), 2005
 Pfizer Visiting Professor Award, Baylor University, 2006

SELECTED PUBLICATIONS

109. Zhu S, Kachel D, Martin II WJ, Matalon S. Nitrated SP-A does not enhance adherence of *Pneumocystis carinii* to alveolar macrophages. *Am J Physiol* 275(19):L1031-L9, 1998
110. Twigg III HL, Martin II W. Immunologic and non-immunologic lung defense mechanisms. In: Middleton E, Reed CE, Ellis EF, Adkinson NF, Yuninger JW, eds. *Allergy Principles and Practice*. 5th ed. St. Louis, MO: CV Mosby Co.; 1998:477-94.
111. Perry DG, Daugherty G, Martin II WJ. Clathrin-coated pit-associated proteins are required for alveolar macrophage phagocytosis. *J Immunol* 162:380-6, 1999
112. Downing JF, Kachel DL, Pasula R, Martin II WJ. Gamma interferon stimulates rat alveolar macrophages to kill *Pneumocystis carinii* by L-arginine- and tumor necrosis factor-dependent mechanisms. *Infect Immun* 67:1347-52, 1999
113. Pasula R, Wright J, Martin II WJ. Surfactant protein A suppresses reactive nitrogen intermediates by alveolar macrophages in response to *Mycobacterium tuberculosis*. *J Clin Invest* 103:483-90, 1999
114. Martin II WJ, Wright J. *Pneumocystis carinii* pneumonia and pulmonary surfactant. *J Lab Clin Med* 133:406-7, 1999
115. Spech RW, Wisniowski P, Kachel DL, Wright JR, Martin II WJ. Surfactant protein A prevents silica-mediated toxicity to rat alveolar macrophages. *Am J Physiol Lung Cell Mol Physiol* 278(4):L713-8, 2000
116. Mishra A, Doyle NA, Martin II WJ. Bleomycin-mediated pulmonary toxicity: evidence for a p53-mediated response. *Am J Respir Cell Mol Biol* 22(5):543-9, 2000
117. Behnia M, Robertson KA, Martin II WJ. Lung infections: role of apoptosis in host defense and pathogenesis of disease. *Chest* 117(6):1771-7, 2000
118. Wisniowski PE, Spech RW, Wu M, Doyle NA, Pasula R, Martin II WJ. Vitronectin protects alveolar macrophages from silica toxicity. *Am J Respir Crit Care Med* 162(2 Pt 1):733-9, 2000
119. Martin II WJ, Pasula R. Role of alveolar macrophages in host defense against *Pneumocystis carinii*. *Am J Respir Cell Mol Biol* 23(4):434-5, 2000
120. Wu M, Kelley MR, Hansen WK, Martin II WJ. Reduction of BCNU toxicity to lung epithelial cells by high level expression of *O*⁶ methylguanine-DNA methyltransferase. *American Journal of Physiology Lung Cell Molecular Physiology* 280(4):L755-L61, 2000
121. He Y-H, Kelley M, Wu M, Williams DA, Martin II WJ. Expression of yeast apurinic/apurimidinic endonuclease (APN1) protects lung endothelial cells against bleomycin toxicity. *Am J Respir Cell Mol Biol* 25:692-8, 2001
122. American Lung Association Asthma Clinical Research Centers [WJ Martin II PI, ACRC, Indiana University]. The safety of inactivated influenza vaccine in adults and children with asthma. *N Engl J Med* 345(21):1529-36, 2001

123. Wu M, Hussain S, He Y-H, Pasula R, Smith P, Martin II WJ. Genetically engineered macrophages expressing IFN-g restore alveolar immune function in scid mice. *Proc Natl Acad Sci USA* 98:14589-94, 2001
124. He Y-H, Xu Y, Kobune M, Wu M, Kelley MR, Martin II WJ. *Escherichia coli* FPG and human OGG1 reduce DNA damage and cytotoxicity by BCNU in human lung cells. *Am J Physiol Lung Cell Mol Physiol* 282:L50-L5, 2002
125. Pasula R, Wisniowski P, Martin II WJ. Fibronectin facilitates *Mycobacterium tuberculosis* attachment to murine alveolar macrophages. *Infect Immun* 70(3):1287-92, 2002
126. Wu M, Stockley PG, Martin II WJ. An improved Western blotting technique effectively reduces background. *Electrophoresis* 23:2373-6, 2002
127. Pasula R, Weaver T, Martinez M, Martin II WJ. Morphologic detection and functional assessment of reconstituted normal alveolar macrophages in the lungs of scid mice. *J Immunol* 169:4504-10, 2002
128. Wu M, He Y-H, Xu Y, Kobune M, Kelley MR, Williams DA, Martin II WJ. Protection of human lung cells against hyperoxia using the DNA base excision repair genes hOgg1 and Fpg. *Am J Respir Crit Care Med* 166:192-9, 2002
129. Hussain S, Wright JR, Martin II WJ. Surfactant protein A decreases nitric oxide production by macrophages in a tumor necrosis factor- α -dependent mechanism. *Am J Respir Cell Mol Biol* 28:520-7, 2003
130. Boulware D, Forger W, Martin II WJ. Medical risks of wilderness hiking. *Am J Med* 114(4):288-93, 2003
131. Wu M, Pasula R, Smith P, Martin II WJ. Mapping alveolar binding sites *in vivo* using phage peptide libraries. *Gene Ther* 10:1429-36, 2003
132. Zhang D, Wu M, Nelson D, Pasula R, Martin II WJ. Alpha-1-antitrypsin expression in lung is increased by airway delivery of gene-transfected macrophages. *Gene Ther* 10:2148-52, 2003
133. Day R, Wang Y, Knox K, Pasula R, Martin II WJ, Twigg III HL. Alveolar macrophages from HIV infected subjects are resistant to *Mycobacterium tuberculosis in vitro*. *Am J Respir Cell Mol Biol* 30:403-10, 2004
134. Martin II WJ, Iannuzzi MC, Gail DB, Peavy HH. NHLBI Working Group: Future Directions in Sarcoidosis Research. *Am J Respir Crit Care Med* 170:567-71, 2004
135. Camus P, Martin II WJ, Rosenow E. Amiodarone Pulmonary Toxicity. *Clin Chest Med* 1:65-75, 2004
136. Martin II WJ, Wu M, Pasula R. A novel approach to restore lung immunity during systemic immunosuppression. *Trans Am Clin Climatol Assoc* 116:221-7, 2005
137. Schwartz DA, Martin II, WJ. NIEHS Director's perspective. Translating Translational Biomedicine for Environmental Health. *Environ Health Perspective* 114: A206, 2006

138. Schwartz DA, Martin II, WJ NIEHS Director's perspective. HEALing in New Orleans. Environmental Health Perspective 114: A570, 2006
139. Schwartz DA, Martin II, WJ NIEHS Director's perspective. Focusing on Global Environmental Health. Environmental Health Perspective 114: A630, 2006
140. Mullen M, Wetzel CC, Parks J, Mark L, Martin II WJ. New Simplified Approach for Cell-Based Therapy to the Lung. (In revision), 2007
141. Pasula R, Martin II WJ. Reconstitution of activated alveolar macrophages into the lungs of SCID mice reduces *Pneumocystis carinii* infection. (Submitted) 2007
142. Martin II WJ, Mullen M, Wetzel CC, Morris R. Airway delivery of donor type II alveolar epithelial cells in bleomycin-injured mice. (Submitted) 2007f