Decdember 2015

CURRICULUM VITAE

Ronald Wesley Millard

Academic Address: University of Cincinnati Medical Center
231 Albert Sabin Way, ML #0575
P.O. Box 670575
Cincinnati, Ohio 45267-0575

Telephone: (513) 558-2336 office
(513) 240-3777 mobile

Email: ron.millard@uc.edu
rmillard@fuse.net (private)
Home Page: http://www.med.uc.edu/pharmacology/faculty_millard-ronald.html

EDUCATION

Graduate: Boston University, Medical Sciences (Physiology), Ph.D., 1969
Boston, Massachusetts, USA
Undergraduate: Tufts University, Chemistry-Biology, B.S., 1963
Medford Massachusetts, USA
Secondary: Bassick Public High School, Diploma, 1959
Bridgeport, Connecticut, USA

HONORS

National/International:
Fulbright Senior Scholar, University of Aarhus, Denmark, 1972-73
Fellow, American Council on Education, 1982-84
Fellow, American Heart Association, BCVS Council, elected 2011
Member, Board of Directors, Sigma Xi-The Scientific Res. Society, 2012-
Member, Editorial Board, J. Cardiology & Therapy (ISSN 2309-6861), 2013-

Faculty:
Elected Member, Emeriti Board, University of Cincinnati (December 2013)
Emeritus Professor, University of Cincinnati Board of Trustees (2013)
President, UC Chapter of Sigma Xi-The Scientific Research Society (2010-2011)
Convocation Keynote Speaker (2009) – U. of Cincinnati
Just Community Award (Diversity Leadership) – U. of Cincinnati
Samuel Kaplan Visionary Award (Research and Innovation) – Am. Heart Assoc.
Martin Luther King, Jr. Scholarship (Diversity Leadership) – U. of Cincinnati
Faculty Achievement Award (Interdisciplinary Leadership) – U. of Cincinnati
American Council on Education Fellow (Univ. Administration) - U. of Cincinnati

Postgraduate:
Special American Heart Association Fellow (Research) – Maine Medical Ctr
Senior Fulbright Fellow (Internat'l Scholars Exchange) – Aarhus U., Denmark
Postdoctoral Fellowships - National Institutes of Health (Advanced Research Training in Biomedical Engineering, and Biosensors) – U. Wash. /Scripps Clinic

Graduate:
National Institutes of Health Fellowship, Boston U., Boston, Massachusetts
NASA Fellowship (Space Research), Wallops Island Tracking Station – U. Virginia

Undergraduate:
Class President – Tufts U., Medford, Massachusetts
Irwin Travelli Scholar – Tufts U.

Secondary: Student Council President – Bassick High School, Bridgeport, Connecticut

FELLOWSHIPS

1982-1984	Fellow in Academic Administration, American Council on Education (Individual Award, 1 of 50 in USA), University of Cincinnati.
1973-1974	Special Postdoctoral Research Fellow, American Heart Association (Individual Award), Maine Medical Center, Portland.
1972-1973	Senior Fulbright Fellow & Scholar (Individual Award), International Exchange of Scholars, U.S. Department of State, Aarhus University, Denmark.
1971-1972	Postdoctoral Fellow, National Institutes of Health (Individual Fellowship), Scripps Clinic & Research Foundation and University of California at San Diego.
1969-1971	Postdoctoral Fellow, National Institutes of Health (Individual Fellowship) and American Heart Association (Individual Fellowship) Department of Physiology, College of Medicine, and Biophysics and Center for Bioengineering, Colleges of Medicine and Engineering, University of Washington.
1967	Predoctoral Fellow, National Aeronautics and Space Administration, Biotechnology Training Program at University of Virginia, Wallops Island Eastern Tracking Station, Virginia.
1964-1969	Predoctoral Fellow, National Institutes of Health (Training Grant Fellowship), Medical Sciences (Physiology), School of Medicine, Boston University.

ADMINISTRATIVE POSITIONS

2015-2016	Interim Director of Development, Sigma Xi Society, Research Triangle Park, NC
2012-2018	Treasurer, Chair Committee on Finance, Cabinet/Executive Committee Member, Member of Board of Directors, Sigma Xi – The Scientific Research Society, Inc. (international), Research Triangle Park, North Carolina. Oversee the investment portfolio and other assets to assure fiscal stability, sustainability and growth of this non-profit organization and its various programs for the benefit of its 40,000+ members and 100+ chapters advancing and applying knowledge through scientific research excellence.
2011-2013	Director, Graduate Studies - Molecular, Cellular and Biochemical Pharmacology Graduate Program. Chair, MCBP Graduate Education Committee. Administer, articulate, and iterate comprehensive doctoral degree program, with staff support and faculty participation, all aspects of new Safety Pharmacology emphasis MS degree program and existing PhD degree program.
2005-2012	Co-Director, UC/NSF IGERT Bio-Applications of Membrane Science and Technology, U. of Cincinnati. Designed and co-directed a cross-disciplinary graduate education and research training programs supporting more than 20 doctoral degree students in engineering, life sciences, chemistry, and pharmaceutical sciences.
2010-2011	Chairman, Dept. Appointment-Reappointment, Promotion & Tenure Committee. Coordinated peer-review of faculty dossier in accordance with guidelines, standards, and expectations of professional activities related to faculty appointments, reappointments, promotion and tenure in Pharmacology and Cell Biophysics, College of Medicine, University of Cincinnati
2010-2012	President (2010-2011) and Immediate Past President/Cabinet (2011-2012), Sigma Xi–The Scientific Research Society, Chapter #045, U. of Cincinnati. Established the UC Chapter's bylaws, programs, mission, vision and values of science and engineering research honor society with more than 150 graduate

Foundation. In November 2011, the UC Chapter received 2 national awards for its 2010-2011 accomplishments: UC Sigma Xi Chapter - Distinguished Program Award for "The 2011 UC Sigma Xi Future Symposium", and UC Sigma Xi Chapter - Certificate of Excellence for exceptional overall chapter activity and innovative programming

2008-2009 Chairman, Darwin Sesquicentennial Celebration Program, U. of Cincinnati Provost's Office, at U. Cincinnati, engaging Greater Cincinnati community organizations and members of Greater Cincinnati Consortium of Colleges and Universities (GCCCU). This year-long multifaceted program gained regional and international reputation for innovative elements and excellence in improving science literacy as interfacing with public policy, law, political science, philosophy, religion, and the humanities.

2007-2013 Director, UC/ASPET SURF Program, American Society of Pharmacology and Experimental Therapeutics, U. of Cincinnati. Providing cross-disciplinary research training and professional development for 5 to 8 UC and non-UC undergraduate science majors during 10 weeks each summer. UC ASPET SURF Program presentation featured as exemplar at 2011 national meetings: Experimental Biology 2011, Washington DC in April and National Directors of Pharmacology and Physiology Graduate Programs, East Lansing, MI in July.

2005-2006/2007-2011
Director, UC/NSF REU Site Program in Membrane Applied Science and Technology, U. of Cincinnati. Providing cross-disciplinary research training and professional development for 10 or more UC and non-UC undergraduate science and engineering majors during 10 weeks each summer. A National demonstration Pilot Project supported additional training of 4 Cincinnati Public Schools high school science teachers and 2 high school students during 2008-2010.

1991-2001 Chairman, Radiation Control and Safety Committee, U. of Cincinnati
Provided oversight and internal assurance of compliance with federal and state guidelines and regulations, and laws regarding the use of radioactive materials and radiation generating devices in research and medical applications. Successfully transitioned licensure of the University's Broad Scope License from the US Department of Energy to the Ohio Department of Health.

1992-1999 Chairman, Institutional Animal Care and Use Committee, U. of Cincinnati
Provided oversight and internal assurance of compliance with federal and state guidelines and regulations, and laws regarding the use of vertebrate animals as research subjects. Articulated IACUC with Laboratory Animal Medical Services activities in support of research activities to assure regulatory compliance including appropriate training and skills of research team members and principal investigators.

1983-1984 Fellow, American Council on Education, Associate Vice Provost for Academic Affairs, U. of Cincinnati. Reported to and was tasked on special projects by Provost and Senior Vice President for Academic Affairs, Dr. Joseph A. Steger.

1982-1983 Fellow, American Council on Education, Special Assistant to Senior Vice President and Provost, U. of Cincinnati; Associate (Intern) of President Dr. Henry Winkler, U. of Cincinnati

FACULTY APPOINTMENTS

2013-present Scientific Consultant, Discovery Research, Regenerative Medicine-Heart Disease, Pathology and Laboratory Medicine, University of Cincinnati College of Medicine

2013 Emeritus Professor, University of Cincinnati

University of Cincinnati College of Medicine

1987-2005 Research Professor (secondary appointments) Internal Medicine (Cardiology Research), Radiology (Nuclear Medicine); University of Cincinnati Medical Center, Cincinnati.

1997-2005 Professor (secondary appointment), Materials Science and Engineering, University of Cincinnati, College of Engineering, Cincinnati.

1978-1987 Associate Professor, Pharmacology and Cell Biophysics, Head, Cardiovascular Pharmacology Section; Internal Medicine, Cardiology Division; University of Cincinnati Medical Center, Cincinnati.

1975-1978 Assistant Professor, Physiology, Division of Biological Sciences, Program in Medicine, Brown University, Providence.

1975-1978 Research Associate, Cardiology, Rhode Island Hospital, Providence.

1974-1978 Visiting Assistant Professor, Physiology, Hahnemann College of Medicine, Philadelphia.

1974-1975 Assistant Professor, Physiology and Internal Medicine, Harvard Medical School, Harvard University, Boston.

1973-1974 Research Associate, Maine Medical Center and the University of Southern Maine, Portland

1972-1973 Assistant Professor, Zoophysiology, Aarhus University, Denmark. Senior Fulbright Fellow & Scholar, International Exchange of Scholars.

GRADUATE STUDENT DISSERTATION COMMITTEES

- William C. Thomas (PhD, 1979); Department of Environmental Health, University of Cincinnati, *"The cardiotoxic effects of inhaled polymer pyrolysis fumes."*
- Ijaz Siraj Jamall (PhD, 1982); Department of Environmental Health, College of Medicine, University of Cincinnati, *"The role of selenium in protecting the rat against the cardiotoxicity of cadmium."*
- John Ngai (1980-1983 Ph.D. program (incomplete), MD 1987); Department of Pharmacology and Cell Biophysics, College of Medicine, University of Cincinnati, *"The effects of organic calcium entry blocking drugs on autonomic nervous system function."*
- Timothy Hickerson (MS, 1984); Department of Physiology, College of Medicine, University of Cincinnati.
- Roger Ian Hardy (PhD, 1988); Department of Physiology, College of Medicine, University of Cincinnati, *"Laser induced revascularization of the hypertrophied heart."*
- David Cox (PhD, 1993); Department of Pharmacology and Cell Biophysics, College of Medicine, University of Cincinnati, *"A role for the mitochondrial Na^+-Ca^+ exchanger in the regulation of oxidative phosphorylation and the consequences of its pharmacological inhibition in the mammalian heart."*
- Wilhelm Kossenjans (PhD, 1993); Department of Pathology and Laboratory Medicine, College of Medicine, University of Cincinnati, *"Mechanisms of the calcium paradox."*
- Xin Xu (PhD, 1996); Department of Pharmacology and Cell Biophysics, University of Cincinnati
- Nancy J. Roszell (PhD, 1997); Department of Pharmacology and Cell Biophysics, University of Cincinnati, Thesis Advisor, *"Analysis of factors affecting uptake of myocardial perfusion-imaging radiopharmaceuticals in rat cardiac myocytes."*
- Peter A. Russell (PhD, 1997); Department of Aerospace Engineering & Engineering Mechanics, College of Engineering, University of Cincinnati, *"Numerical solutions for the incompressible Navier-Stokes equations in primitive variables with low Reynolds number flow applications."*
- Metiner Tosun (PhD, 1997); Department of Pharmacology and Cell Biophysics, University of

- James Hall (MS, 1999); Department of Pharmacology and Cell Biophysics, University of Cincinnati, *"The influence of cocaine pre-exposure on the acquisition of cocaine self-administration in the rat."*
- Mark Strobeck (PhD, 1999); Department of Pharmacology and Cell Biophysics, University of Cincinnati, *"Regulation of voltage-dependent calcium channel activity via direct interactions with multiple intracellular proteins."*
- Sheryl Koch (PhD, 1999); Department of Pharmacology and Cell Biophysics, University of Cincinnati, *"Studies on the secondary structure of L-type voltage-dependent calcium channel pore regions."*
- Nicole Tepe (MS, 1998; PhD 2000); Department of Pharmacology and Cell Biophysics, University of Cincinnati, *"Beta-adrenergic receptor regulation in cardiac hypertrophy and contractile dysfunction."*
- Rajesh Dash (PhD, 2000; MD,2002); Department of Pharmacology and Cell Biophysics, University of Cincinnati; Physician Scientist Training Program
- Mark Williams (PhD, 2000; MD, 2002); Department of Pharmacology and Cell Biophysics, Physician Scientist Training Program University of Cincinnati, *"Disparate regulation of neutrophil pro-inflammatory functioning by CXCR-2 selective cytokines."*
- Andrew Carr (PhD, 2001); Department of Pharmacology and Cell Biophysics, University of Cincinnati, *" A study on the role and regulation of the type-1 phosphatase in smooth and cardiac muscle contractility through the use of gene-targeted mice."*
- Jeffrey Marshall (PhD, 2002); Department of Pharmacology and Cell Biophysics, University of Cincinnati, *"Biochemical studies of Alzheimer's A-beta peptide deposition: identification of in vitro / in vivo A-beta amyloid imaging and inhibitory peptides."*
- Deborah Rathz (PhD, 2002; MD 2004); Department of Pharmacology and Cell Biophysics, Physician Scientist Training Program, University of Cincinnati, *"Characterization of the human beta$_1$-adrenergic receptor polymorphisms."*
- Ehab Hamed (PhD, 2002); Department of Industrial Pharmacy, Pharmaceutical Sciences, College of Pharmacy, University of Cincinnati, *"Pharmacokinetics of sustained release formulations of the renal diuretic drug, bumetanide."*
- Niloy Mukherjee (PhD, 2003); Materials Science and Engineering, College of Engineering, University of Cincinnati, *"Design and evaluation of an artificial cochlea for human implantation."*
- Elena Simona Draganoiu (PhD, 2003); Department of Industrial Pharmacy, Pharmaceutical Sciences, College of Pharmacy, University of Cincinnati, *"Design and evaluation of new matrices for sustained release of cardiovascular drugs."*
- Marta Rubio (PhD, 2005; Department of Pharmacology & Cell Biophysics, University of Cincinnati, *"A Model of cardiac hypertrophy and failure: characterization and mechanism(s) towards prevention of disease/phenotype."*
- Bharath K. Arunachalam (MS, 2005); Mechanical Engineering Department, College of Engineering, University of Cincinnati, *"Effect of heat transfer on the efficacy of hypothermic cold storage methods."*
- Julian Braz, (PhD, 2006; Department of Pharmacology & Cell Biophysics, University of Cincinnati, *"The role of calcineurin in the development of heart disease."*
- Anand Pathak (PhD, 2006; MD, 2007); Department of Pharmacology & Cell Biophysics, University of Cincinnati, *"Defects in calcium regulatory proteins in heart failure."*
- Abhijit Sinha Roy (PhD, 2006); Mechanical Engineering Department, College of Engineering, University of Cincinnati, *"Pressure-flow measurements and predictions with guidewires in normal and stenotic blood vessels in presence of flow reduction at conduit and resistance circuit elements."*
- Bryan Mitton (PhD, 2007, MD 2009); Department of Pharmacology & Cell Biophysics, Physician Scientist Training Program; University of Cincinnati, *"The role of protein phosphatase inhibitor 1 in regulation of calcium cycling and muscle performance in heart muscle cells."*
- Juyoung Park (PhD, 2008); Mechanical Engineering Department, College of Engineering, University of Cincinnati, *"Intra-vitreal drug delivery by timed release implants with pharmacokinetic modeling."*
- Craig Bolte (PhD, 2008); Department of Pharmacology & Cell Biophysics, University of Cincinnati, *"The Role of Opioid Receptors in the Normal and Failing Heart."*
- Keith L. Gaddis (PhD, 2010); Department of Pharmacology & Cell Biophysics, Yates Scholar

DOCKET ALARM

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts

Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research

With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips

Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS
Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS
Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS
Sync your system to PACER to automate legal marketing.