

## Pharmacology #9001

Publications and presentations available upon request. Contact Dora, [dmancias@expertwitnessdoctors.com](mailto:dmancias@expertwitnessdoctors.com).

### Personal Data

Citizenship: United States

Additional Citizenship: Australia

Languages: English

### Current Position(s)

11/01/2018 - present

*Professor of Pediatrics*

Department of Pediatrics, Wright State University (WSU), Boonshoft School of Medicine (BSoM), Dayton, OH

11/01/2018 – present

*Vice-Chair for Research*

Department of Pediatrics, WSU, BSoM/ Dayton Children's Hospital (DCH), Dayton, OH

### Education

**Years**            **Degree**    **Institution (Area of Study)**

#### Graduate Training

2011 - 2013	M.Sc.	University of Utah (Clinical Investigation) Salt Lake City (SLC), UT, USA
2009 - 2011	Postdoc.	Cincinnati Children's Hospital Medical Center, Division of Clinical Pharmacology Postdoctoral Fellowship (Pediatric Clinical Pharmacology) Cincinnati, OH, USA
2007 - 2009	Postdoc.	The University of Otago, Department of Women's and Children's Health Postdoctoral Fellowship (Pediatric Clinical Pharmacology) Dunedin, Otago, New Zealand

#### Doctoral Training

2004 - 2007	Ph.D.	The University of Otago, Dunedin School of Medicine (Pediatric Clinical Pharmacology) Dunedin, Otago, New Zealand
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#### Other Training

2003 - 2004	No Degree	Otago School of Medicine and Health Sciences, Department Pharmacology & Toxicology (Summer Studentship - Toxicology) Dunedin, Otago, New Zealand
2002 - 2003	No Degree	Christchurch School of Medicine and Health Sciences, Canterbury Health Laboratory (Summer Studentship - Toxicology) Christchurch, Canterbury, New Zealand

#### Undergrad.

2000 - 2003	B.Sc. (Hons)	Lincoln University (Toxicology and Immunology) Canterbury, New Zealand
1993 - 1995	B.N.	Australian Catholic University (Nursing) Sydney, NSW, Australia

#### Certification

1992 - 1993	Cert.	Meadowbank TAFE College, Concord General Repatriation Hospital (Adv. Certificate Enrolled Nursing)
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Sydney, NSW, Australia  
1991 - 1992 Cert. Ultimo TAFE College (Veterinary Nursing)  
Sydney, NSW, Australia

### Board Certifications

2018 – 2020 Certified principal investigator (CPI), Association of Clinical Research Professionals (ACRP)  
2011 - present Applied/Clinical Pharmacology, American Board of Clinical Pharmacology (ABCP)

### Licenses/Certification

2014 - 2016 American Heart Association: Basic Life Support (UT)

### Clinical Research Areas of Specialization

Pediatric Clinical Pharmacology

### Research Interests

Clinical Pediatric Pharmacology and Toxicology, Pediatric Clinical Research, Clinical Trial Simulation, Personalized/Precision (Individualized) Medicine, Modeling and Simulation (Pharmacometrics), Optimal Trial Design, Therapeutics, Pharmacodynamics, Pharmacogenomics, Pharmacokinetics, Medical and Environmental Toxicology

### Academic Appointments (History)

WSU, BSoM, Department of Pediatrics, / DCH

11/01/2018- present Hire, Professor

11/01/2018- present Vice chair for research (Pediatrics)

University of Utah, School of Medicine, Department of Pediatrics, (Division of Pediatric Clinical Pharmacology)

11/16/2010 – 05/01/2018

07/01/2017 Promotion, Associate Professor

07/01/2017 Tenure, Associate Professor

07/16/2015 Track switch, Tenure track, Assistant Professor

02/08/2011 Track switch, Research track, Research Assistant Professor

11/16/2010 Hire, Adjunct track, Adjunct Assistant Professor

The University of Utah, College of Pharmacy, Department of Pharmacotherapy

07/01/2016 - present Promotion, Adjunct Associate Professor

07/01/2016 Hire, Adjunct track, Adjunct Assistant Professor

The University of Utah, College of Pharmacy, Department of Pharmaceutics and Pharmaceutical Chemistry

01/01/2016 – 06/30/2019

07/01/2017 Promotion, Adjunct Associate Professor

01/01/2016 Hire, Adjunct track, Adjunct Assistant Professor

The University of Utah, College of Pharmacy, Department of Pharmacology and Toxicology  
 05/16/2015 – 06/30/2019  
 07/01/2017 Promotion, Adjunct Associate Professor  
 05/16/2015 Hire, Adjunct track, Adjunct Assistant Professor

**Additional Academic/Adjunct Positions**

The University of Cincinnati, Division of Pharmaceutical Sciences, Winkle College of Pharmacy  
 07/01/2017 - present Promotion, Adjunct Associate Professor  
 07/01/2015 Hire, Adjunct track, Adjunct Assistant Professor

University of Minnesota, Dept. Experimental & Clinical Pharmacology, College of Pharmacy  
 07/01/2018- present Hire, Adjunct track, Adjunct Associate Professor

**Professional Experience**

**Full and Part-time positions**

- 2018- present Professor of Pediatrics, Department of Pediatrics, WSU, BSoM, Dayton, OH
- 2018- present Vice Chair for Research, Department of Pediatrics, WSU, BSoM/ DCH, Dayton, OH
- 2017- present Special Government Employee (SGE) for Pharmaceutical Science and Clinical Pharmacology (PSCP) Drugs Advisory Committee, U.S. FDA, Silver Spring, MD
- 2017- present Special Government Employee (SGE) for Antimicrobial Drugs Advisory Committee (AMDAC), Drugs Advisory Committee, U.S. FDA, Silver Spring, MD
- 2017 - 2018 Without Compensation (WOC) Employee, VA, SLC Health Care System, SLC, UT
- 2017 - 2019 Researcher/consultant, Intergovernmental Personnel Act (IPA), U.S. FDA, with Dr. Gil Burkhart, Pediatric Therapeutics Program, Silver Spring, MD, Office of Pediatric Therapeutics (OPT), Office of Translational Sciences, CDER, Silver Spring, MD
- 2016 - 2018 Chief Division of Clinical Pharmacology, University of Utah, SLC, UT
- 2015 - 2016 Interim Chief Division of Clinical Pharmacology, University of Utah, SLC, UT
- 2015 - 2017 Assistant Professor (Tenure Track), Division of Clinical Pharmacology, University of Utah School of Medicine,
- 2011 - 2015 Research Track, Research Assistant Professor, Division of Clinical Pharmacology & CTO, University of Utah School of Medicine
- 2010 - 2011 Adjunct Assistant Professor, Division of Clinical Pharmacology & Clinical Trials Office (CTO), University of Utah School of Medicine
- 2009 - 2010 Research Postdoctoral Fellow, Cincinnati Children’s Hospital, Division of Clinical Pharmacology and Division of Rheumatology, Cincinnati, OH  
 Research Postdoctoral Fellow, NIH (T32) Training Fellowship Pediatric Clinical Pharmacology. Project Title: Focus on Pharmacokinetics, Pharmacodynamics and Pharmacogenetics and the Application of Population Modeling Techniques to Develop Innovative Personalized Dosing Algorithms in Pediatric Rheumatology of Mycophenolate-Mofetil (Cellcept) and Corticosteroid Therapy in Children with Lupus
- 2008 - 2008 Case Tutor (2nd year Medicine), Faculty of Medicine, University of Otago, Dunedin School of Medicine, Dunedin, Otago  
 Involved in teaching integrated case studies to 2nd-year medical students
- 2007 - 2009 Masonic Research Postdoctoral Fellow, University of Otago, Dept. of Women’s and Children’s Health, School of Medicine, Dunedin, Otago  
 Postdoctoral Research Fellow, Dept. of Women’s and Children’s Health, University of Otago, Dunedin, New Zealand. Freemasons of New Zealand Postgraduate Fellowship in Pediatrics and Child Health. Project Title: Investigating Clinical Pharmacology of Aminoglycosides in Neonates

- 2007 - 2008 Case Tutor for Pharm/Tox students and Pharmacy students, University of Otago, Dept. Pharmacology and Toxicology, Dunedin, Otago  
Involved in the teaching of integrated case studies to 2nd and 3rd-year pharmacy and pharmacology students.
- 2006 - 2007 Teaching Fellow, University of Otago, Dunedin School of Medicine, Dunedin, Otago  
Involved in the development of new first-year health science papers, writing of laboratories/manuals and self-directed learning module
- 2006 - 2007 Tutor for microbiology/immunology, physiology, zoology, and pre-health science, Pacific Island Centre and Maori Centre, University of Otago, School of Medicine, Dunedin, Otago  
Prepared and gave small group tutorials in support of course work
- 2005 - 2005 Tutor for microbiology/immunology and physiology, Faculty of Medicine and Department of Microbiology and Immunology, University of Otago, Dunedin, Otago  
Prepared and gave small group tutorials in support of course work
- 2004 - 2007 Senior laboratory demonstrator / Leader, University of Otago, Department of Microbiology, Immunology, Physiology, and Department of Zoology, Dunedin, Otago  
Guided students through various laboratory exercises, marked laboratory exams and assignments
- 2004 - 2006 Phlebotomy Technician, Dunedin Public Hospital, Dunedin, Otago
- 2004 - 2004 Demonstrator / Tutor, University of Otago, Department of Pharmacology and Toxicology, Dunedin, Otago  
Guided students through various laboratory exercises. Prepared and gave group tutorials
- 2001 - 2003 Senior Veterinary Nurse, After Hours Veterinary Centre, Christchurch, Canterbury
- 1997 - 1999 Nurse, Southern Cross Private Hospital, Cardiothoracic Unit, Christchurch, Canterbury
- 1997 - 1998 Phlebotomy Technician, Christchurch Hospital, Christchurch, Canterbury
- 1995 - 1996 Nurse, St George Private Hospital, Cardiothoracic Unit, Sydney, NSW
- 1994 - 1996 Nurse, St George Public Hospital, Cardiothoracic Unit, Sydney, NSW
- 1993 - 1994 Nurse Training Program, Concord General Repatriation Hospital, Sydney, NSW
- 1991 - 1992 Veterinary Nurse, Kogarah Veterinary Clinic, Sydney, NSW

### Published Journal Articles

Complete list of published work in MyNCBI: <https://www.ncbi.nlm.nih.gov/myncbi/10cJnL6Fcskk8/bibliography/public/>

### Primary Skills

Clinical Pharmacology, Clinical Trials, Pharmacokinetics, Pharmacodynamics, Toxicology, Translational Research, In Vivo, Clinical Study Design

### Knowledge Areas

Clinical Research, Research, Life Sciences, Biochemistry, Drug Development, Clinical Development, Pediatrics, Genetics, Immunology, Modeling, Infectious Diseases, Simulations, Drug Discovery

### Researcher Global Impact

h-index 24	h-index 22 (excluding self-citations)
Citations 1714	
i10-index 56	i10-index 52 (excluding self-citations)
ResearchGate (RG) Score	41.82

