

**WILLEM J.S. DE VILLIERS, M.D., Ph.D., M.H.C.M.  
 PROFESSOR OF MEDICINE (REGULAR TITLE SERIES)  
 MARCOS LINS ANDRADE ENDOWED PROFESSOR OF GASTROENTEROLOGY  
 DIVISION OF DIGESTIVE DISEASES AND NUTRITION  
 UNIVERSITY OF KENTUCKY HEALTHCARE**

**I. General Information**

Full name: Willem Johan Simon de Villiers (Wim)

Citizenship: United States  
 South Africa (dual)

Birth Date: 26 September 1959

Name of Specialty Board: Internal Medicine (RSA and US)  
 Gastroenterology (US)

| <u>Certificate or Specialty Board Licensure:</u>                | <u>Year Certified:</u> |
|---|------------------------|
| (indefinite) #449-612-1   | 1996                   |
| American Board of Internal Medicine (Internal Medicine) #188270 | 2001 and 2011          |
| American Board of Internal Medicine (Gastroenterology) #188270  | 2002                   |

**II. Education**

| <u>Year</u> | <u>Degree</u>                                | <u>Institution</u>   |
|-------------|--|--|
| 1/78–12/83  | M.B., Ch.B. (summa cum laude)                | University of Stellenbosch, Faculty of Medicine, South Africa                          |
| 7/86–6/91   | M.Med. (Int) (summa cum laude)               | University of Stellenbosch, South Africa<br>Specialist in Internal Medicine            |
| 6/1990      | F.C.P. (S.A.)                                | Fellow of the College of Physicians of South Africa<br>Specialist in Internal Medicine |
| 1992–1995   | D.Phil (Oxon)                                | University of Oxford, United Kingdom   |
| 2006-2008   | M.H.C.M. (Masters in Health Care Management) | Harvard School of Public Health, Harvard University, Cambridge, MA                     |

**III. Professional Experience**

| <u>Year</u> | <u>Position</u>                | <u>Institution</u>  |
|-------------|--------------------------------|---|
| 1/84–6/85   | Internship and Medical Officer | Frere Hospital, East London, South Africa<br>(Internal Medicine, General Surgery and Obstetrics & Gynaecology)<br>(Resident equivalent) |
| 1984        | Physician                      | Registration with the South African Medical and Dental Council; MP0270202   |

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|---------------|--|--|
| 7/85-6/86     | Medical Officer  | 1 Military Hospital, Pretoria, South Africa<br>(Internal Medicine)   |
| 1988          | Physician  | Registration with the British General Medical Council –<br>3449260   |
| 7/86–6/91     | Registrar  | Department of Internal Medicine,<br>University of Stellenbosch, South Africa<br>(Resident and Fellow equivalent)   |
| 1990          | Specialist Physician<br>(Internal Medicine)            | Registration with the South African Medical and<br>Dental Council; MP0270202   |
| 7/90–6/92     | Specialist Consultant                                  | MRC/UCT Unit for the Cell Biology of Atherosclerosis,<br>Department of Medical Biochemistry, University of Cape<br>Town, South Africa (Atherosclerosis Research in the<br>laboratory of Profs. Wieland Gevers, Deneys van der<br>Westhuyzen and Gerry Coetzee)<br>(Assistant Professor equivalent) |
| 7/92–12/95    | Nuffield Dominion<br>Medical Fellow<br>(Ph.D. student) | Dunn School of Pathology, University of Oxford<br>(Macrophage Biology in the laboratory of Prof. Siamon<br>Gordon. Research Project: Cytokine and Growth Factor<br>Regulation of Murine Macrophage Scavenger Receptor<br>Expression and Function)  |
| 1/94–12/95    | Honorary Consultant                                    | John Radcliffe Hospital, Oxford, United Kingdom<br>(Department of Gastroenterology with Dr. Derek P. Jewell.<br>Special interest: Inflammatory Bowel Disease and Celiac<br>Disease)  |
| 1/96–8/97     | Clinical Scholar                                       | Division of Digestive Diseases and Nutrition, Department of<br>Medicine, University of Kentucky Medical Center,<br>Lexington, KY   |
| 8/97–6/01     | Assistant Professor                                    | Division of Digestive Diseases and Nutrition, Department of<br>Medicine, University of Kentucky Medical Center,<br>Lexington, KY   |
| 7/01- 6/06    | Associate Professor                                    | Division of Digestive Diseases and Nutrition, Department of<br>Medicine, University of Kentucky Medical Center,<br>Lexington, KY   |
| 7/02- 9/11    | Chief  | Division of Digestive Diseases and Nutrition, Department of<br>Medicine, University of Kentucky Medical Center,<br>Lexington, KY   |
| 7/06– present | Professor  | Division of Digestive Diseases and Nutrition, Department of<br>Medicine, University of Kentucky Medical Center,<br>Lexington, KY   |
| 9/11- present | Chief Administrative<br>Officer                        | Good Samaritan Hospital, University of<br>Kentucky HealthCare, Lexington, KY   |

#### IV. Academic Appointments

| <u>Year</u>   | <u>Position</u>                   | <u>Institution</u>   |
|---------------|-----------------------------------|--|
| 7/90-6/92     | Consultant                        | Dept. of Medical Biochemistry, University of Cape Town, South Africa<br>(Assistant Professor equivalent) |
| 7/92-12/95    | Nuffield Dominion Medical Fellow  | Sir William Dunn School of Pathology, University of Oxford, Oxford, England                              |
| 1/96 -8/97    | Clinical Scholar                  | Dept. of Internal Medicine, University of Kentucky Medical Center, Lexington, KY                         |
| 9/97 – 6/01   | Assistant Professor               | Dept. of Internal Medicine, University of Kentucky Medical Center, Lexington, KY                         |
| 7/01- 6/06    | Associate Professor (with tenure) | Dept. of Internal Medicine, University of Kentucky Medical Center, Lexington, KY                         |
| 7/06– present | Professor (with tenure)           | Dept. of Internal Medicine, University of Kentucky Medical Center, Lexington, KY                         |
| 5/07– present | Professor (honorary appointment)  | Dept. of Internal Medicine, Faculty of Medicine, University of Stellenbosch, South Africa                |

#### V. Hospital Appointments

| <u>Year</u>  | <u>Position</u>                 | <u>Institution</u>   |
|--------------|---------------------------------|--|
| 7/90-6/92    | Consultant                      | Groote Schuur Hospital, University of Cape Town, Cape Town, South Africa   |
| 1/94-12/95   | Consultant                      | John Radcliffe Hospital, University of Oxford, Oxford, United Kingdom  |
| 7/97-present | Attending Physician (full time) | University of Kentucky HealthCare, Dept. of Internal Medicine, Division of Digestive Diseases and Nutrition, Lexington, KY |
| 7/97-present | Attending Physician (full time) | Department of Veterans Affairs, Dept. of Internal Medicine, Division of Gastroenterology, Lexington, KY                    |
| 9/04-10/05   | Medical Staff                   | Frankfort Regional Medical Center, Frankfort, KY   |
| 7/05-present | Medical Staff                   | Harrison Memorial Hospital, Cynthiana, KY  |
| 7/06-6/08    | Medical Staff                   | Pattie A. Clay Hospital, Richmond, KY  |
| 9/06-present | Medical Staff                   | Rockcastle Hospital, Mt. Vernon, KY  |

#### VI. Consultative Service

National: Consultant – Berlex; Centocor; Elan; UCB; Abbott Laboratories

Advisory Board – Centocor; Axcan-Scandipharm; Protein Design Labs; Shire; Procter & Gamble; UCB; Genentech: Elan, Abbott, Johnson & Johnson

Member of National Faculty Boards:

Centocor; Wyeth; Prometheus; Procter & Gamble; Novartis; Axcan-Scandipharm; Abbott Laboratories; AstraZeneca; UCB; Elan; Shire, Johnson & Johnson

## **VII. Advising Activity**

Advised 33 Gastroenterology Fellows and four Graduate Students and sat on seven Doctoral Advisory committees.

## **VIII. Administrative Activity and University Service**

Gastroenterology: Coordinator: Conference Schedule 1997-2004  
Pathology Conference 1998  
Gastroenterology Journal Club 1997-2002  
Inflammatory Bowel Disease Forum 2001- present  
Member: Inflammatory Bowel Disease Program 1997-2000  
Director: Inflammatory Bowel Disease Program 2001-present

Chief: Division of Digestive Diseases and Nutrition July 2002 – September 2011

Graduate Center for Nutritional Sciences: 12/1998 - present Joint appointment as Graduate Faculty Member in multidisciplinary Ph.D. program

Department of Immunology and Microbiology: 7/2004 – present Joint appointment as Faculty Member

Department of Internal Medicine:  
Resident Interview Committee 1998 to present  
Compensation Committee (Chair): 2009-2012

College of Medicine:  
Dept. of Neurology 6-year Review – April 2000  
Academic Council of Univ. of Kentucky Medical Center (from Sept. 2002 – Aug. 2004)  
Medical Student Interview Committee 2002 to present  
Search Committee (member) – Chair of Dept. of Internal Medicine – Jan. 2003  
Dept. of Pediatrics 6-year Review – Jan. 2004 (Chair)  
Chair of Search Committee – Chair of Dept. of Pediatrics – Jan. 2004  
University of Kentucky Strategic Outcomes Initiative – Jan. 2004  
Digestive Health Program Initiative – July 2004 – present  
University of Kentucky Medical Center – Solid Organ Transplant Strategic Planning Committee – October 2005 – June 2006  
University of Kentucky Medical Center Building Initiative – Modularity and Standards Committee – June 2005 – June 2009  
Dept. of Diagnostic Radiology 6-year Review – Nov. 2005 (Chair)  
Search Committee – Chair of Surgery – March 2006  
Ambulatory Space Planning Committee (Co-Chair) – Feb. 2007 – Jun. 2010  
College of Medicine Appointments, Promotions and Tenure Committee – 2007-2010  
Kentucky Medical Services Foundation: Board of Directors (2007-2012)  
Compliance Committee (Member) – 2008 and (Chair) – 2009-2012

Auditing and Finance Committee (Benefits Analysis) (Chair) – 2008 - 2012  
 Clinical Practice and Management Committee – 2009 - 2012  
 Enterprise Patient Access and Revenue Committee - 2008  
 GI Mortality Task Force Committee (Chair) - 2008  
 Graduate Center for Nutritional Sciences 6-year Review – Feb. 2009  
 Dept. of Medicine – Compensation Committee (Chair)– 2009 - 2012  
 Medical Staff Executive Committee (Chandler Medical Center and Good Samaritan Hospital)  
 (President) – Jan. 2011 – Mar. 2012  
 University of Kentucky College of Medicine representative at University of Shangdong, China  
 centenary celebrations – Oct. 2011  
 Chief Administrative Officer, Good Samaritan Hospital, UK HealthCare Enterprise – Sept 2011  
 – present

## **IX. Honors**

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|------------------|--|
| 1977             | First Place Merit List Cape Province, SA (Matriculation Senior Certificate)  |
| 1977             | Dux Scholar Paul Roos Gymnasium, Stellenbosch, South Africa  |
| 1978–1980        | Paul Roos Gymnasium Bursary<br>Isaac Greenberg Bursary   |
| 1983             | Chancellor's Medal of the University of Stellenbosch,<br>South Africa for the overall most outstanding undergraduate<br>(awarded to a medical student for the first time since foundation of Faculty<br>of Medicine in 1956) |
| 1983             | Francie van Zijl Medal of the Faculty of Medicine, University of<br>Stellenbosch, South Africa for best final year M.B., Ch.B. student   |
| 1992–1995        | Overseas Research Studentship Award, University of Oxford,<br>United Kingdom<br>(prestigious competitive award for tuition expenses)   |
| 1992–1995        | Nuffield Dominion Medical Fellow, Wolfson College, University of Oxford,<br>United Kingdom<br>(prestigious competitive award to one South African every two years for<br>full scholarship for three years)                   |
| 1996-1998        | Physician/Scientist Award for \$150,000 over 3 years at the Faculty of<br>Medicine, University of Kentucky Chandler Medical Center, Lexington,<br>Kentucky   |
| 1999             | Atorvastatin Research Award for \$50,000. 7/1/99 – 6/30/00.  |
| 2007-<br>present | Honorary Professor in Internal Medicine, Faculty of Medicine, University of<br>Stellenbosch, South Africa  |
| 2007             | Best Doctors in America®   |
| 2007             | Fellow of the American Gastroenterological Association   |

- 2007 Marcos Lins Andrade Endowed Chair in Gastroenterology
- 2008 Honorary Fellow of the South African Gastroenterological Society
- 2009 Best Doctors in America®
- 2011 Best Doctors in America®

**X. Professional Activity and Public Service**

Member of the Crohn's and Colitis Foundation of America  
 Chair of the Fayette County Chapter of the CCFA  
 Member of the American Society for Gastrointestinal Endoscopy (ASGE)  
 Member of the American Gastroenterological Association (AGA)  
 Member of the American College of Gastroenterology (ACG)  
 Member of the American Association for the Study of Liver Diseases (AASLD)  
 Member of the Gastroenterology Research Group (GRG)  
 Member of the American College of Physician Executives (ACPE)  
 Fellow of the American Gastroenterological Association (FAGA – May 2007)  
 Member, Research Committee of the American College of Gastroenterology. 2008 – present

**Study Section/Grant Review**

- 2004 Ad hoc member. NIH Study Section on Clinical and Integrative Cardiovascular Sciences (March and November)
- 2005 Standing member. NIH Study Section on Clinical and Integrative Cardiovascular Sciences. July 2005 – June 2007.
- 2006 Chronic Granulomatous Disease Research Trust, United Kingdom – present
- 2006 Ad hoc member, NIH HLBI Program Project Review Committee
- 2006 Ad hoc member, NIH Study Section on Complementary and Alternative Medicine - present
- 2008 Member, Research Committee of the American College of Gastroenterology. July 2008 – present
- 2008 Member and Chair, Digestive Diseases Week Abstract Reviewer, IBD section - present
- 2010 Ad hoc member, NIH NIDDK Program Project Review Committee 2010-2012

**AAIM – Academic Physician Executive Leadership Program.** Massachusetts Institute of Technology, Boston, MA. 1-6 August, 2004.

**Medical/Scientific Journal Reviewer (ad hoc):**

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|---|--|
| Immunology Today                                  | Journal of Lipid Research                    |
| Arteriosclerosis, Thrombosis and Vascular Biology | Cell & Tissue Research                       |
| Digestive Diseases and Sciences                   | American Journal of Physiology: GI and Liver |
| Biochemical Journal                               | European Journal of Biochemistry             |
| Molecular Medicine Today                          | Atherosclerosis                              |
| Gastroenterology                                  | Clinica Chimica Acta                         |
| American Journal of Gastroenterology              | Journal of Clinical Gastroenterology         |
| Journal of Histochemistry and Cytochemistry       | Inflammatory Bowel Diseases Journal          |
| Journal of Leukocyte Biology                      | American Journal of Medicine                 |

Journal of Biochemical and Molecular  
Toxicology  
Journal of Immunological Methods

Alimentary Pharmacology and Therapeutics  
Clinical Trials Design Journal  
Clinical Gastroenterology and Hepatology

**XI. Speaking Engagements:** Significant experience as local, regional, national and international speaker on **Inflammatory Bowel Disease** pathophysiology, translational science and clinical management. Full listing available on request.

**XII. Research and/or Creative Productivity**

**Publications:** Author or co-author of 90 Peer-reviewed publications; 10 Non-Peer reviewed publications; submitted seven papers; written 7 book chapters or web monographs

**Grant and Contract Activity:** Recipient of 15 grants and contracts

**Industry-sponsored studies:** I significantly expanded the GI Clinical Research Center since 2001 with currently 4 FTE Clinical Research Coordinators. The Inflammatory Bowel Disease Program currently has more than 2500 active patients with approximately 600 patients on biologic therapy. I have been Principal Investigator on more than 35 Inflammatory Bowel Disease industry sponsored-studies predominantly investigating the role of biologic monoclonal antibody therapies. Currently 10 active studies with an additional 5 studies in the contract negotiation phase. Total IBD Clinical Research budget: \$1.1 million/year.

Other studies sponsored by:

**Centocor Inc.(multiple studies)**

**Celltech (multiple studies)**

**Immunex**

**Elan Pharmaceuticals (several studies)**

**Protein Design Laboratories, Inc. (two studies)**

**Berlex Laboratories (several studies)**

**Glaxo Smith Kline**

**Protein Design Laboratories**

**Otsuka Pharmaceuticals**

**Abbott Laboratories**

**Elan Pharmaceuticals**

**Massachusetts General Hospital (PI - Bruce Sands, MD)**

**Bristol Myers Squibb**

**UCB Pharma (several studies)**

**Duke Clinical Research Institute and Osiris Therapeutic (two studies)**

**Cerimon Pharmaceuticals**

**Axcan Pharma**