

## **CURRICULUM VITAE**

**PATRICK DONOVAN WALKER, M.D.**

### **EDUCATION**

9/67 – 6/70                      Indiana University  
5/71                                  A.B. Zoology  
8/70 – 12/73                      Indiana University School of Medicine  
1/74                                  M.D.  
1/74 – 12/74                      Intern in Pathology, Indiana University Medical Center  
1/75 – 7/77                      Resident in Pathology, Indiana University Medical Center  
7/77 – 6/78                      American Cancer Society Surgical Pathology Fellow,  
University of Minnesota Hospitals, Drs. Juan Rosai and  
Louis Dehner, Co-Directors

### **POSITIONS**

7/78 – 6/83                      Assistant Professor of Pathology, Tulane University School  
of Medicine  
7/83 – 6/91                      Associate Professor of Pathology, Tulane University School  
of Medicine  
7/91 – 7/02                      Professor of Pathology, University of Arkansas for Medical  
Sciences  
8/94 – 6/98                      Assistant Chief, Department of Pathology and Laboratory  
Medicine, John L. McClellan Veterans Administration  
Hospital  
7/98 – 2/01                      Vice-Chairman, Department of Pathology and Laboratory  
Medicine, University of Arkansas for Medical Sciences  
7/98 – 9/98                      Acting Chief, Department of Pathology and Laboratory  
Medicine, John L. McClellan Veterans Administration  
Hospital

10/98 - 2/01	Chief, Department of Pathology and Laboratory Medicine, John L. McClellan Veterans Administration Hospital
3/01 – 6/19	Director, Arkana Laboratories
7/19 - Current	Founder, Senior Renal Pathologist, Arkana Laboratories

## **CERTIFICATES**

American Board of Pathology – 1979, Voluntary Recertification – 2010, Voluntary Recertification - 2014

## **MEMBERSHIP IN SCIENTIFIC ORGANIZATIONS**

American Society of Nephrology (Fellow)  
American Society of Pediatric Nephrology  
College of American Pathologists (Fellow)  
International Society of Nephrology  
International Society of Pediatric Nephrology  
National Kidney Foundation  
Renal Pathology Society  
Renal Physicians Association  
United States and Canadian Academy of Pathology

## **NATIONAL COMMITTEES**

1. Southwest Pediatric Nephrology Study Group, Co-Coordinator of Pathology Section 1982-1993 Founding Member 1982-1993
2. Best Practices - The Autopsy, Steering Committee, VAMC National Directive; 9/98 – 7/99
3. Renal Pathology Society – Awards Committee 2000 – 2001
4. Renal Pathology Society – Membership Committee Chairman 2002 – 2003
5. Renal Pathology Society – Collaborative Study Group Chairman 2002 – 2006
6. Renal Pathology Society – Research Committee Chairman 2003 – 2005
7. Renal Pathology Society – Education and Scientific Committee 2006 – 2007
8. American Society of Pediatric Nephrology – Membership Committee 2006 – Current
9. Renal Pathology Society – Finance Committee Chairman 2007 – 2008
10. Renal Pathology Society – Finance Committee 2008 – 2009
11. Renal Pathology Society – Pediatric Nephropathology Committee Chairman 2010 – 2011
12. American Society of Pediatric Nephrology – Program Committee 2015

## **UNIVERSITY AND HOSPITAL COMMITTEES (TULANE MEDICAL CENTER AND CHARITY HOSPITAL OF NEW ORLEANS)**

1. Vice-President/President Elect, General Medical Faculty 1990-1991

2. Promotions and Tenure Committee 1990-1991 (school)
3. Student Affairs Committee 1981-1991 (school)
4. Terminal Care Subcommittee 1985-1991 (hospital)
5. Curriculum Committee 1980-1988 (school)
6. Academic Standards Committee (1980-1985)
7. Infection Control Committee 1982-1988 (hospital)
8. Nominating Committee of General Medical Faculty 1982-1985, 1987-1988 (School)
9. Tissue Committee 1981-1985 (hospital)
10. Tumor Board Committee 1984-1986 (hospital)
11. Combined Pathology Staff, Charity Hospital, member 1978-1991; Vice-President, 1980; President 1981 (hospital)
12. Executive Committee of the Faculty Practice Plan 1986-1988 (hospital)
13. Departmental Executive Committee 1986-1991 (departmental)
14. Promotions and Tenure Committee 1988-1991 (departmental)
15. Education Committee (chairman) 1986-1991 (departmental)

### **UNIVERSITY AND HOSPITAL COMMITTEES (UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES AND VETERANS ADMINISTRATION HOSPITAL)**

1. Research Committee 1993-1999 (Veterans Administration Hospital)
2. Director Electron Microscopy Service 1998-2001 (VAMC)
3. Research Council 1994-1995 (UAMS)
4. Curriculum Committee 1997-1999 (UAMS)
5. Student Promotions Committee 1992-1996 (UAMS)
6. Admissions Interviewer 1993-1998 (UAMS)
7. Medical Student Advisor - Chris Cargile 1993-1994; Lori Douglas 1995-1996; Peter Quinn 1996-1997, Lisa Taylor 1997-1998
8. Curriculum Committee 1997-1999 (UAMS)
9. Promotions and Tenure Committee 1991-2001 and Chairman 1995-2001 (Dept)
10. Education Committee 1992-1993 (Pathology Dept)
11. Departmental Executive Committee 1995-2001 (Pathology Dept)
12. Residency Committee 1998-2001 (Pathology Dept)
13. Chairman, Residency Committee 1998-1999 (Pathology Dept)
14. Search Committee, Chief of Staff Position, J.L. McClellan VAMC, 2000 (VAMC)
15. Promotion and Tenure Committee 2000-2001 (UAMS)

### **TEACHING**

#### *Tulane Medical School*

1. Director, Sophomore Pathology Course (1984-1991)
2. Renal Biopsy Elective for Pathology House Staff, Nephrology Fellows and Medical Students (1978-1991)
3. House staff conferences, Autopsy and Surgical Pathology (1978-1991)
4. Renal Biopsy Conference (1978-1991)

*University of Arkansas for Medical Sciences*

1. Renal Biopsy Elective for Pathology House Staff, Nephrology Fellows and Medical students (1991-2001, 2015-current)
2. House staff conferences & Autopsy Pathology rotations (1991-2001)
3. Medicine-Pathology Conference (1991-2001)
4. Renal Biopsy Conference (1991-2001)
5. Autopsy Review Conference (Coordinator, 1991-2001)
6. Renal Lectures, Molecular and Biochemical Pathobiology Course (1995-2001)
7. Director, Renal Division, Sophomore Pathology Course (1991-2001)
8. Co-Course Director, Sophomore Pathophysiology Course (1998 - 2001)
9. Director, CPC's, Sophomore Pathology Course (1998-2001)
10. Director, General Pathology Division, Sophomore Pathology Course (1999-2001)
11. Small Group Preceptor, Introduction to Clinical Medicine (2002-2003)

*Nephropathology Associates/ Arkana Laboratories*

1. Renal Biopsy Conference, Monthly, Arkansas Children's Hospital, Little Rock 2001 – current
2. Renal Biopsy Conference, Monthly, Baptist Medical Center, Little Rock 2001 – current
3. Residents Noon Conference, Monthly, Grandview Hospital, Dayton, OH September 2005 – 2006, 2010 – 2015
4. Renal Biopsy Conference, Monthly, University of Tennessee Medical School, Memphis 2007 – 2013; 2015 – Current
5. Nephropathology Associates, Visiting Residents/Fellows Renal Biopsy Conference
6. Renal Biopsy Conference, Monthly, Phoenix Children's Hospital, Phoenix, AZ January 2015 – current
7. Renal Biopsy Conference, Quarterly, Florida Hospital, Orlando, FL January 2013 – current
8. Renal Biopsy Conference, Quarterly, Detroit Medical Center, Detroit, MI March 2015 - current

**HONORS**

Albert Hyman Research Grant Award - Louisiana Chapter of the American Heart Association - 1982

Herbert L. Thomas Memorial Research Award - University of Arkansas for Medical Sciences Foundation, 1991.

J. D. Chastain Renal Research Award - National Kidney Foundation, Arkansas Affiliate, 1992.

Outstanding Service Award, J.L. McClellan Veterans Administration Hospital, 2000

**TEACHING AWARDS**

*Tulane Medical School*

Owl Club Award (Outstanding Teaching)

1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1988, 1989, 1991

*University of Arkansas for Medical Sciences*

Golden Apple Award (Outstanding Teaching voted by M-2's)

1992, 1994, 1995 1<sup>st</sup> Runner-up, 1998, 1999, 2001, 2002 1<sup>st</sup> Runner Up

*University of Arkansas for Medical Sciences*

Red Sash Award (Outstanding Teaching voted by graduating seniors)

1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004

**GRADUATE STUDENTS (Masters Students in My Laboratory)**

- |                     |   |
|---------------------|---|
| 1. Eric Schultz     | Master of Science in Pathology (Dec 1996) |
| 2. Tracy Kuykendall | Master of Science in Pathology (May 1999) |

**GRADUATE STUDENTS (Ph.D. Committees)**

- |                     |   |
|---------------------|---|
| 1. Michelle Stanley | Doctor of Philosophy, Microbiology/Pathology<br>(May, 1997) |
| 2. Lisa Walker      | Doctor of Philosophy, Pharmacology<br>(May, 2000)           |
| 3. Paul Noney       | Doctor of Philosophy, Pharmacology/Toxicology<br>(May 2001) |

**INVITED LECTURES**

1. "Reactive oxygen metabolites in toxic nephropathy", Department of Pathology, University of New Mexico School of Medicine, July, 1988.
2. "The Role of Reactive Oxygen Metabolites in Acute Renal Failure", Department of Pathology, University of Arkansas for Medical Sciences, August, 1990.
3. "Renal Biopsies in the Diagnosis of Glomerular Disease", Department of Pathology, University of Arkansas for Medical Sciences, February, 1991.
4. "Renal Biopsy: Computer Interactive Session", National Kidney Foundation Meeting, Boston, MA, November, 1993.
5. "Unusual Renal Biopsy Cases", Grand Rounds, Department of Pathology, Indiana University Medical School, December, 1993.
6. "Renal Biopsy Review and Interesting Cases", Grand Rounds, Department of Pathology, King Edward Memorial Hospital, Mumbai, India, November, 1998.

7. "Acute Interstitial Nephritis", Western Zone Nephrology Meeting, Nashik, India, December, 1998.
8. "Renal Transplant Pathology", Western Zone Nephrology Meeting, Nashik, India, December, 1998.
9. "Nephropathology Workshop", Nadiad, India, December 5-7, 1998.
10. "The Renal Tubule and the Interstitium", Invited Lecture, American Society of Nephrology Meeting, November 6, 1999.
11. "An Introduction to Renal Pathology", Department of Pathology, Medical College of Georgia,, Augusta, Georgia, November, 1999.
12. "Medical Renal Diseases..." Festschrift on the Retirement of Larry Roth, M.D., Department of Pathology, Indiana University Medical School, June, 2001.
13. "Incorporating Information Technology into Your Practice..." Arkansas Pathology Society, May 4, 2002.
14. Membranoproliferative Glomerulonephritis – Pathology Update, Invited Lecture, American Society of Nephrology Meeting, November 2005.
15. Renal Biopsy Conference, American Society of Nephrology Meeting, November 2005.
16. Dense Deposit Disease is not MPGN II, Invited Lecture, American Society of Pediatric Nephrology Meeting, April 2006.
17. Renal Pathology - Battle of the Brains, American Society of Pediatric Nephrology Meeting, April 2006.
18. Membranoproliferative Glomerulonephritis – 45 Years Later. Western Zone Indian Society of Nephrology Meeting, Abu Station, India September 2006.
19. Renal Biopsy Pathology Update 2006. Western Zone Indian Society of Nephrology Meeting, Abu Station, India September 2006.
20. Renal Pathology Case Review, NYU Medical School, January, 2007.
21. Renal Biopsy Short Course, Invited Lectures, American Society of Pediatric Nephrology Meeting, May 2006.
22. Renal Pathology - Battle of the Brains, American Society of Pediatric Nephrology Meeting, May 2007.

23. Renal Pathology Case Discussions, American Society of Pediatric Nephrology Meeting, May 2008.
24. Pediatric Renal Biopsy: Case Discussion. Indian Society of Pediatric Nephrology Meeting, Pune, India, October 2008.
25. Renal Pathology Seminar including: Renal Biopsy in Children, Renal Transplant Pathology, Interesting Case Review, 'Stump the Experts' given at the Royal KEM Hospital, Pune, India, October 2008.
26. Renal Pathology Seminar including: Renal Pathology Overview, Vasculitis, Interesting Cases – Pediatric, Adult and Transplant Biopsies, 'Stump the Experts' given at the Muljibhai Patel Urological and Renal Hospital, Nadiad, India, October 2008.
27. Renal Pathology Case Discussions, American Society of Pediatric Nephrology Meeting, May 2009.
28. Renal Pathology Case Discussions, American Society of Pediatric Nephrology Meeting, May 2010.
29. Pediatric Renal Pathology, Council of Pediatric Nephrology & Urology of the Kidney and Urologic Foundation of America (KUFA), New York, May 2010.
30. Clinicopathologic Conference, (organized by PD Walker, Speakers, V Norwood, S Bonsib, PD Walker), International Pediatric Nephrology Association World Congress, New York, August, 2010.
31. Plenary Lecture: MPGN – Where are We and Where Should We Go. Indian Society of Nephrology, 41<sup>st</sup> National Conference, Thiruvananthapuram, India, December 2010.
32. Renal Pathology Seminar, given at the Muljibhai Patel Urological and Renal Hospital, Nadiad, India, December 2010.
33. The Complement Pathway: an Important Role in Unexpected Renal Diseases, Indian Society of Renal and Transplant Pathology Meeting, Thiruvananthapuram, India, December 2010.
34. Renal Biopsy Pathology: a Potpourri of Recently Described Entities, Indian Society of Renal and Transplant Pathology Meeting, Thiruvananthapuram, India, December 2010.
35. Membranoproliferative Glomerulonephritis and Dense Deposit Disease. World Congress of Nephrology, Vancouver, April 2011.

36. Renal Pathology Case Discussions, American Society of Pediatric Nephrology Meeting, May 2011.
37. Pediatric Renal Pathology, Council of Pediatric Nephrology & Urology of the Kidney and Urologic Foundation of America (KUFA), New York, May 2011.
38. The Histopathologic Spectrum of C3 Glomerulopathy. Dense Deposit Disease Focus Group, Leiden, Netherlands, September 2011.
39. Clinico-Pathology Pearls, International Pediatric Nephrology Fellows Conference, January 2012.
40. CPC Fellow's Luncheon, American Society of Pediatric Nephrology Meeting, April 2012.
41. Renal Neoplasia and the Primary Care Nephrologist, American Society of Nephrology Annual Meeting, November 2012.
42. Renal Pathology Workshop, Sponsored by International Society of Nephrology (PD Walker presented 18 renal pathology cases and three lectures), Nadiad, India, January 2013.
43. Tubulointerstitial Diseases of the Kidney, Sponsored by the International Society of Nephrology, Chennai, India, January 2013.
44. Dense Deposit Disease, Sponsored by the International Society of Nephrology, Chennai, India, January 2013.
45. Twenty-Fifth Anniversary of Foundation Baquero, Patrick D. Walker, M.D., Director, Nephropath, Antonia Novello, M.D., Former Surgeon General of the United States Santo Domingo, Dominican Republic, October, 2013.
  - 1.) Polyomavirus in the Renal Transplant: Current Challenges
  - 2.) Focal Segmental Glomerulosclerosis: A Pattern, et al
  - 3.) Antibody-mediated Transplant Rejection With or Without a Positive C4d
  - 4.) Pediatric Nephrotic Syndrome: A Review
46. Two day Renal Pathology Seminar (PD Walker presented 16 interesting renal pathology cases and 3 lectures), given at the Muljibhai Patel Urological and Renal Hospital, Nadiad, India, January 2014.
47. The Renal Biopsy in 2014, given at the Muljibhai Patel Urological and Renal Hospital, Nadiad, India, January 2014.
48. Renal Pathology More New Challenges, given at the Muljibhai Patel Urological and Renal Hospital, Nadiad, India, January 2014.



49. Renal Transplant Pathology, given at the Muljibhai Patel Urological and Renal Hospital, Nadiad, India, January 2014.
50. C3 Glomerular Nephropathy, Sponsored by Aurangabad Nephrology Society, given at Mahatma Gandhi Management Hospital Medical Research Centre, Aurangabad, India, January 2014.
51. The Renal Biopsy - Still Helpful After All These Years, Sponsored by Aurangabad Nephrology Society, given at Mahatma Gandhi Management Hospital Medical Research Centre, Aurangabad, India, January 2014.
52. Membranous Glomerulopathy, Sponsored by Aurangabad Nephrology Society, given at Mahatma Gandhi Management Hospital Medical Research Centre, Aurangabad, India, January 2014.
53. Focal and Segmental Glomerulosclerosis – A Term That Has Lost Its Clinico-Pathologic Specificity, given at Apollo Hospitals, Jubilee Hills, Hyderabad, India, January 2014.
54. Pediatric Nephrotic Syndrome – It's All About to Change, given at Apollo Hospitals, Jubilee Hills, Hyderabad, India, January 2014.
55. Transplantation Pathology in 2014, given at Apollo Hospitals, Jubilee Hills, Hyderabad, India, January 2014.
56. Renal Pathology Workshop, Sponsored by International Society of Nephrology (PD Walker presented 12 renal pathology cases and three lectures), Chennai, India, January 2014.
57. Glomerular Diseases of the Kidney, Sponsored by the International Society of Nephrology, Chennai, India, January 2014.
58. Tubulointerstitial Diseases of the Kidney, Sponsored by the International Society of Nephrology, Chennai, India, January 2014.
59. Transplantation Pathology in 2014, Sponsored by the International Society of Nephrology, Chennai, India, January 2014.
60. Renal Pathology - Battle of the Brains, American Society of Pediatric Nephrology Meeting, May 2014.
61. Nephropathology Workshop, Chennai, India, January 2015.
62. Renal Biopsy in 2015 – An Update, Max Super Specialty Hospital, Saket, New Delhi, India, January 2015.

63. Renal Biopsy Update, All India Institute of Medical Sciences, New Delhi, India, January 2015.
64. Interpretation of the Renal Biopsy, Medanta-The Medicity, Gurgaon, Haryana, India, January 2015.
65. Mayo Glomerulonephritis Consensus Meeting, Rochester, Minnesota, February 2015.
66. C3 Glomerulopathies Focus Group Meeting, Uppsala University Hospital, Uppsala, Sweden, June 2015.
67. Podocytopathies – Moving beyond morphological classification, ISRTPCON, Amrita Institute of Medical Sciences, Kochi, Kerala, India, July 2015.
68. Complements in glomerular diseases: What is C3 glomerulopathy anyway?, ISRTPCON, Amrita Institute of Medical Sciences, Kochi, Kerala, India, July 2015.
69. Slide seminar II: Recent advances in nephropathology, ISRTPCON, Amrita Institute of Medical Sciences, Kochi, Kerala, India, July 2015.
70. C3 Glomerulopathy, Update, 22<sup>nd</sup> Budapest Nephrology School, Semmelweis University – Department of Transplantation and Surgery, Budapest, Hungary, August 2015.
71. Pathology of Membranous Glomerulonephritis, Update, 22<sup>nd</sup> Budapest Nephrology School, Semmelweis University – Department of Transplantation and Surgery, Budapest, Hungary, August 2015.
72. Tubulointerstitial Nephritis: From Common to Extraordinary/Moderator, 22<sup>nd</sup> Budapest Nephrology School, Semmelweis University – Department of Transplantation and Surgery, Budapest, Hungary, August 2015.
73. Teaching conference for residents, University of Iowa, October 2015.
74. Jacksonville, Renal Biopsy conference, November 2015.
75. Renal Pathology Seminar, University of Virginia Medical School, March 2016.
76. C3 Glomerulopathy – Update, 17<sup>th</sup> Congress of the International Pediatric Nephrology Association, Iguacu, Brazil, September 2016.
77. Infection Related Glomerulonephritis, 17<sup>th</sup> Congress of the International Pediatric Nephrology Association, Iguacu, Brazil, September 2016.
78. Technique and Processing of the Renal Biopsy, 17<sup>th</sup> Congress of the International Pediatric Nephrology Association, Iguacu, Brazil, September 2016.

79. Electron Microscopy of Pediatric Renal Biopsies, 17<sup>th</sup> Congress of the International Pediatric Nephrology Association, Iguacu, Brazil, September 2016.
80. Proteinuria and the Nephrotic Syndrome – Moderator, 17<sup>th</sup> Congress of the International Pediatric Nephrology Association, Iguacu, Brazil, September 2016.
81. Bacterial Endocarditis – Related Glomerulonephritis in Children and Adults, American Society of Nephrology Annual Meeting, November 2016.
82. Nephrotic Syndrome in Children, 28<sup>th</sup> Annual Conference of Indian Society of Pediatric Nephrology, Cuttak, India, December 2016.
83. Tubulointerstitial Renal Disease, 28<sup>th</sup> Annual Conference of Indian Society of Pediatric Nephrology, Cuttak, India, December 2016.
84. Hereditary Nephropathies, 28<sup>th</sup> Annual Conference of Indian Society of Pediatric Nephrology, Cuttak, India, December 2016.
85. C3 Glomerulopathies – Old Wine in a New Bottle?, 28<sup>th</sup> Annual Conference of Indian Society of Pediatric Nephrology, Cuttak, India, December 2016.
86. "The Medical Renal Biopsy in 2017", Pittsburgh Pathology Society, Pittsburgh, PA, February 2017.

#### **GRAND ROUNDS, CONFERENCES, OTHER**

1. "Lupus Nephritis", Grand Rounds, Department of Medicine, University of Arkansas for Medical Sciences, October, 1994.
2. "Thrombotic Microangiopathy", Grand Rounds, Department of Medicine, University of Arkansas for Medical Sciences, June, 1995.
3. Introduction to Renal Biopsy Pathology I, 2hr course, Baptist Hospital, Little Rock, AR, February 7, 1995.
4. Introduction to Renal Biopsy Pathology II, 2hr course, Baptist Hospital, Little Rock, AR February 21, 1995.
5. "Pauci-Immune Glomerulonephritis", Grand Rounds, Department of Medicine, University of Arkansas for Medical Sciences, August, 1996.
6. "Renal Transplant Rejection", Grand Rounds, Department of Medicine, University of Arkansas for Medical Sciences, October, 1996.
7. "Vasculitis", Grand Rounds, Department of Medicine, University of Arkansas for Medical Sciences, March, 2001.

8. "The Renal Biopsy", Teaching Rounds, White River Medical Center, April 2002.
9. Pathology Morning Report, Department of Pathology, Indiana University Medical Center, July, 2002.
10. "The Continuing Need for the Diagnostic Renal Biopsy", The Gregory Derringer Pathology Grand Rounds, Indiana University Medical Center, July, 2002.
11. Citywide Renal Biopsy Conference, Indiana Pathology Institute, Indianapolis, Indiana, July 2002.
12. Renal Biopsy Conference, Springfield Nephrology (MO), Fall 2003.
13. Renal Biopsy Conference and Instructional Seminar, Avera-McKennon Hospital, Sioux Falls, SD, Fall 2003.
14. Research in Renal Pathology, Moderator, Renal Pathology Satellite Meeting, Vancouver, March 2004.
15. Research in Renal Pathology, Dense Deposit Disease, Renal Pathology Satellite Meeting, Vancouver, March 2004.
16. Renal Biopsy Case Discussion, Renal Pathology Satellite Meeting, Vancouver, March, 2004.
17. "The Histopathology of MPGN2 – Evidence for Heterogeneity" MPGN 2 Focus Group, Boston, August, 2004.
18. Renal Biopsy Conference, Dallas Nephrology Associates, Dallas, August, 2004.
19. Renal Pathology Conference, NYU Medical School, April, 2005.
20. Pathology Residents Conference, NYU Medical School, April 2005.
21. Pathology Grand Rounds, West Virginia Medical School, April 2005.
22. Renal Biopsy Conference, West Virginia Medical School, April 2005.
23. Medicine Grand Rounds, Grandview Hospital, Dayton, OH, July 2005.
24. Renal Biopsy Conference, Grandview Hospital, Dayton, OH, July 2005.
25. Pathology Grand Rounds, West Virginia Medical School, August 2005.
26. Pathology Residents Conference, West Virginia Medical School, August 2005.

27. Renal Biopsy Conference, West Virginia Medical School, August 2005.
28. Pathology Grand Rounds, West Virginia Medical School, January, 2006.
29. Pathology Residents Conference, West Virginia Medical School, January, 2006.
30. Renal Biopsy Conference, West Virginia Medical School, January, 2006.
31. Pathology Grand Rounds, West Virginia Medical School, July, 2006.
32. Pathology Residents Conference, West Virginia Medical School, July, 2006.
33. Renal Biopsy Conference, West Virginia Medical School, July, 2006.
34. Dense Deposit Disease is Not MPGN, MPGN II (DDD) Focus Group, Cambridge England, August, 2006.
35. Renal Biopsy Conference, Nadiad, Gujrat, India, September, 2006.
36. Pathology Grand Rounds, West Virginia Medical School, October, 2006.
37. Pathology Residents Conference, West Virginia Medical School, October, 2006.
38. Renal Biopsy Conference, West Virginia Medical School, October, 2006.
39. Pathology Grand Rounds, West Virginia Medical School, February, 2007.
40. Pathology Residents Conference, West Virginia Medical School, February, 2007.
41. Renal Biopsy Conference, West Virginia Medical School, February, 2007.
42. Pathology Residents Conference, West Virginia Medical School, September, 2007.
43. Renal Biopsy Conference, West Virginia Medical School, September, 2007.
44. Pathology Residents Conference, West Virginia Medical School, April, 2008.
45. Renal Biopsy Conference, West Virginia Medical School, April, 2008.
46. "The Pathology of Dense Deposit Disease – An Update" Dense Deposit Disease Focus Group, Cambridge England, August, 2008.
47. "The Mesangium in Dense Deposit Disease" Dense Deposit Disease Focus Group, Cambridge England, August, 2008.
48. Renal Biopsy Conference, West Virginia Medical School, September, 2008.

49. Renal Pathology for Pathology Residents. University of Arkansas for Medical Sciences, Department of Pathology Residents Conference. September, 2008.
50. Renal Biopsy Pathology 1. Pathology Residents Conference, University of Arkansas for Medical Sciences. January, 2009.
51. Solve the Puzzle – Renal Pathology. Pathology Residents Conference, University of Missouri at Kansas City Medical School. January, 2009.
52. Why Renal Pathology? Pathology Residents Conference, University of Texas Southwestern Medical School. January, 2009.
53. Renal Pathology – Introduction. Pathology Residents Conference, University of Oklahoma Medical School, February, 2009.
54. Renal Biopsy Conference, West Virginia Medical School, February, 2009.
55. Renal Pathology – Introduction. Pathology Residents Conference, West Virginia Medical School, February, 2009.
56. Renal Pathology – Introduction. Pathology Residents Conference, East Carolina Medical School, March, 2009.
57. Renal Biopsy Pathology 1. Pathology Residents Conference, University of Tennessee Medical School, February, 2010.
58. Dr. Luis Salinas-Madrigal 1st Memorial Lecture “The Complement System: A View from the Renal Biopsy, St. Louis University Medical School, April, 2010.
59. An Introduction to Renal Pathology, Pathology Residents Conference, St. Louis University Medical School, April, 2010.
60. Renal Pathology – Introduction. Pathology Residents Conference, University of Louisville School of Medicine, July, 2010.
61. Renal Pathology – Introduction. Pathology Residents Conference, Baptist Hospital, Birmingham, Alabama, July, 2010.
62. Renal Pathology – Introduction. Pathology Residents Conference, University of Miami School of Medicine, October, 2010.
63. Renal Grand Rounds. C3 Glomerulopathy and Membranoproliferative Glomerulonephritis. Medical College of Wisconsin, September, 2011.
64. Renal Fellows Renal Biopsy Conference. Interesting Renal Biopsy Teaching Cases. Medical College of Wisconsin, September, 2011.

65. Renal Transplantation Pathology. St. Lukes Medical Center, Kansas City, MO, September, 2011.
66. Renal Pathology, Pathology Grand Rounds, Medical College of Wisconsin, October, 2013.
67. C3 Glomerulopathy - The Journey from MPGN to C3G, Pathology Grand Rounds, University of Iowa, October, 2015.
68. "C3 Glomerulopathy, What Else is C3 Only?", Grand Rounds, Tulane University School of Medicine, February, 2016.
69. "C3 Glomerulopathy, What Else is C3 Only?", Grand Rounds, University of Virginia Medical School, March, 2016.
70. Renal Biopsy Conference, Mount Sinai St.-Luke's Roosevelt Hospital Center Icahn School of Medicine at Mount Sinai, New York, NY, June, 2016.
71. C3 Glomerulopathy - The Journey from MPGN to C3G, Pathology Grand Rounds, East Tennessee State University James H. Quillen College of Medicine, August, 2016.
72. Pathology Grand Rounds, Allegheny Medical Center, Pittsburgh, PA, February, 2017.
73. Pathology Residents Slide Conference, Allegheny Medical Center, Pittsburgh, PA, February, 2017.
74. Renal Pathology Conference, Allegheny Medical Center, Pittsburgh, PA, February, 2017.
75. "Rare Causes of the Acute Nephritic Syndrome – Not to be Missed" Nephrology Grand Rounds, Medical College of Wisconsin, August 2017.
76. "1900's technology is still needed: the medical renal biopsy in 2017" Renal Fellows Conference, Medical College of Wisconsin, August 2017.
77. "Regulatory Affairs in Clinical Trials, an Overview", Renal Pathology Society Satellite Meeting in association with the USCAP, Los Angeles, CA, March 2020.

## **SHORT COURSES**

1. Procedures in Anatomical Pathology. Plastic Embedding, Glass Knives, Electron Microscopy. Louisiana State University School of Medicine and Tulane University School of Medicine. April, 1980. E.O. Hoffman, M.D., F.H. Rodriguez, M.D., T.R. Flores, H.T., and **P.D. Walker**, M.D.

2. Water Soluble Plastic Embedding Media for Light Microscopy. Tulane University School of Medicine Continuing Medical Education. April 23-24, 1981. **P.D. Walker**, J. Woodruff, E. Deeves.
3. Renal Biopsy II: Review and Update. The University of Texas Health Science Center at Dallas. March 24-26, 1983. Program Directors: F. Silva and E. H. Eigenbrodt. (**P. D. Walker** presented: "Diffuse Mesangial Hypercellularity").
4. Pathology Update. Tulane University Medical School. September, 1990. Program Directors: **P. D. Walker**, and M. Gerber, (**P.D. Walker** presented: "The Renal Biopsy in the 1990s").
5. State-of-the-Art in Pathology and Laboratory Medicine. A Course Honoring Carleton D. Nordschow, M.D., Ph.D. Indiana University School of Medicine, Indianapolis, Indiana, December 3, 1993. (**P. D. Walker** presented: "Renal Pathology").
6. Coordinator, Computer Interactive sessions, National Kidney Foundation Meeting October 1994
  - a. Session I: 9:00 AM-11:00 AM "Unusual Renal Biopsy Cases"
  - b. Session II: 1:00 PM-3:00 PM "Diagnostic Dilemmas in Nephrology"
  - c. Session III: 4:00 PM-6:00 PM "Problems in Dialysis"
7. Anatomic Pathology Fall Update. Sponsored by the University of Arkansas for Medical Sciences Department of Pathology featuring Sharon Weiss, M.D., Fairfield Bay, AR October, 1998. (**P. D. Walker** presented: "Internet Access in Medicine and Medical Information").
8. Anatomic Pathology Fall Update. Sponsored by the University of Arkansas for Medical Sciences Department of Pathology featuring Christopher Crum, M.D., Hot Springs, AR October 1999. (**P. D. Walker** presented: "An Image Intensive Report – a Better Report?").
9. American Society of Clinical Pathology, "Non-glomerular disease you will likely encounter in surgical and autopsy pathology" April, 2000. Directors: Stephen M. Bonsib, M.D. and **P.D. Walker**
10. Anatomic Pathology Fall Update. Sponsored by the University of Arkansas for Medical Sciences Department of Pathology featuring David Page, M.D., Hot Springs, AR October 2000. (**P. D. Walker** presented: "Surgical and Autopsy Pathology of the Kidney").
11. Renal Pathology Course for Pediatric Nephrologists: From Basic Concepts To Recent Advances. A Pre-Congress Meeting of the International Pediatric Nephrology Association (IPNA). August 2010 (**P. D. Walker** presented: "Membranoproliferative glomerulonephritis and dense deposit disease – update" and "Congenital abnormalities of the kidney and urinary tract (CAKUT)").
12. Tubulointerstitial and Vascular Diseases of the Kidney, United States and Canadian Academy of Pathology Annual Meeting, March 2012.
13. Tubulointerstitial and Vascular Diseases of The Kidney: Introduction and Update, United States and Canadian Academy of Pathology Annual Meeting, March 2013.

## REVIEWER FOR MANUSCRIPTS

1. American Journal of Hypertension
2. American Journal of Physiology (Renal, Fluid and Electrolyte Physiology)
3. Applied Pathology



4. Journal of the American Society of Nephrology
5. Journal of Laboratory and Clinical Medicine
6. Kidney International
7. Human Pathology
8. American Journal of Pathology
9. Metabolism
10. Molecular Genetics and Metabolism
11. Clinical Journal of the American Society of Nephrology
12. Nephrology, Dialysis and Transplantation
13. Archives of Pathology
14. Clinical Journal of the American Society of Nephrology
15. Pediatric Nephrology
16. International Urology and Nephrology
17. Kidney International Reports

#### **REVIEWER FOR TEXTBOOKS**

1. Oklahoma Pathology Review, 1996
2. Pathology 3<sup>rd</sup> Edition, Ruben and Farber, 2001

#### **REVIEWER FOR ABSTRACTS/ SESSION CHAIR**

1. Acute Renal Failure/Toxic Nephropathy Section, American Society of Nephrology Annual Meeting, 1988.
2. Immunology/Pathology: Basic/Experimental, American Society of Nephrology Annual Meeting, 1991.
3. Acute Renal Failure/Toxic Nephropathy Section, American Society of Nephrology Annual Meeting, 1994.
4. Acute Renal Failure/Toxic Nephropathy Section, American Society of Nephrology Annual Meeting, 1998.
5. Renal Pathology Platform Presentation, Session Chair. US & Canadian Academy of Pathology Meeting, March, 1998.
6. Acute Renal Failure/Toxic Nephropathy Section, American Society of Nephrology Annual Meeting, 2000.
7. Clinical Renal Pathology and Laboratory Medicine, American Society of Nephrology Annual Meeting, 2003.
8. Renal Pathology – Its Not Just Little Adults. American Society of Pediatric Nephrology Meeting, April 2006.
9. Renal Pathology CPC, Co-Chairman. American Society of Nephrology Meeting, 2006.
10. Renal Pathology CPC, Co-Chairman. American Society of Nephrology Meeting, 2007.
11. Clinical/Diagnostic Renal Pathology and Lab Medicine, American Society of Nephrology Meeting, 2016.

#### **REVIEWER FOR GRANTS**

1. American Heart Association, Louisiana Chapter, 1985-1989
2. Biomedical Research Support Grant, Tulane Medical School, 1990-1991
3. NIH Ad Hoc Review Committee, RFA (DK-94-14): Progression of Renal Disease: IgA Nephropathy in Children and Young Adults, August, 1994
4. Veterans Administration Merit Review Ad Hoc Reviewer, Fall 1994
5. National Kidney Foundation Clinical Investigator Award Reviewer, 1994-1996
6. Veterans Administration Merit Review Ad Hoc Reviewer, Spring 1995
7. NIH Ad Hoc Review Committee, Sickle Cell Anemia Program Project, May 1995
8. Veterans Administration Merit Review Ad Hoc Reviewer, Fall 1996
9. American Heart Association, Affiliate Study Group E, Spring 1997
10. National Kidney Foundation, Arkansas Affiliate, Chastain Award, Fall 2001-2002
11. National Kidney Foundation, Arkansas Affiliate, Chastain Award, Fall 2002-2003
12. National Kidney Foundation, Arkansas Affiliate, Chastain Award, Fall 2003-2004

### **GRANTS (previous)**

1. American Cancer Society Institution Grant IN-460-Walker, 1976-1977.
2. Biomedical Research Support Grant, Tulane #21890, 1978-1979.
3. Southern Medical Society Research Grant. "Ultrastructural Localization of Gentamicin in Renal Cortex", 1979-1980.
4. American Cancer Society/Greater New Orleans Chapter. "Blood Group Antigens in Prostatic Carcinoma", 1980-1981.
5. Biomedical Research Support Grant, Tulane, 1981-1982.
6. American Heart Association/Louisiana Chapter Grant-in-aid. "The Role of Reactive Oxygen Species in Gentamicin Toxicity", 1982-1983.
7. American Heart Association/National Grant-in-Aid - "Reactive Oxygen Species in Aminoglycoside Nephrotoxicity", 1983-1985.
8. American Heart Association/Louisiana Chapter Grant-in-aid - "Reactive Oxygen Species in Aminoglycoside Nephrotoxicity," 1985-1986.
9. Biomedical Research Support Grant, Tulane 1985-1986.
10. American Heart Association/Louisiana Chapter Grant-in-aid - "Reactive Oxygen Species in Cyclosporine Nephrotoxicity", 1986-1987
11. Biomedical Research Support Grant, Tulane, 1987-1988
12. Biomedical Research Support Grant, Tulane, 1989-1990
13. University of Arkansas for Medical Sciences Foundation Grant, January 1, 1992 - December 31, 1992
14. National Institutes of Health - "Oxy-Radicals in Gentamicin and Other Toxic Nephropathies", R29-GM40037-01, April 1988-March 1993
15. Veterans Administration, RAG grant- "The Role of Renal Tubular Basement Membrane In Regeneration Following Postischemic Acute Renal Failure", 10/01/92 - 9/31/93
16. Productive Investigator Interim Funding (PIIF), UAMS, "Laminin Degradation by a Distinctive Renal Metalloproteinase", 11/30/93 - 12/1/94.
17. R. Clifton Brooks Research Award, 11/1/94 - 10/30/95, \$12,000
18. American Heart Association/Arkansas Chapter Grant-in-aid - "The role of calcium activated neutral proteinase in cytoskeletal alterations in ischemic renal tubular injury", 3/1/95-2/28/97, \$51,516

19. Veterans Administration, Merit Review grant- "Laminin Degradation by Renal Tubular Epithelial Cell Enzymes", 10/01/93 - 9/31/97, \$254,000
20. VA Biomedical Research Grant: The role of meprin in ischemic/hypoxic renal injury. 8/1/00 – 7/31/01, \$40,000
21. NIH Program Project, Mechanisms of Acute Renal Failure, Pathology Core P.I., Overall P.I. - Sudhir V. Shah, M.D. July 2001 – June 2002
22. KidNeeds Foundation (MPGN II) Dense Deposit Disease Renal biopsy Registry-Are There Treatable types of DDD? 2003-2005
23. NIH SBIR-at-NIDDK, 1 R43 DK062518-01A2, Predicting nephropathy in type II Diabetes. August 2004 – April 2007

## PUBLICATIONS

1. Luft FC, **Walker PD**, Hamburger RJ, Kleit SA. Thrombosis of the renal veins and vena cava. Occurrence in morbid obesity. *J Am Med Assoc.* 1975 Dec 15; 234(11):1158-60. PMID: 1242431
2. Estavez CM, Dillon JD, **Walker PD**, Feigenbaum H, Chang S. Echocardiographic manifestations of aortic cusp rupture associated with myxomatous degeneration of the aortic valve. *Chest.* 1976 May; 69(5):685-687. PMID: 1269282
3. Spear RK, **Walker PD**, Lampton LM. Tracheal obstruction associated with a fungus ball. A case report of primary tracheal candidiasis. *Chest.* 1976 Nov; 70(5):662-663. PMID: 975987
4. Luft FC, Yum MN, **Walker PD**, Kleit SA. Gentamicin gradient patterns and morphological changes in human kidneys. *Nephron.* 1977; 18(3):167-174. PMID: 870845
5. Gaum WE, Elharrar V, **Walker PD**, Zipes DP. The influence of excitability on the ventricular fibrillation threshold in dogs. *Am J Cardiol.* 1977 Dec; 40(6):929-935. PMID: 930840
6. Yum MN, Zeigler JR, **Walker PD**, Ridolpho AS, Brashear RE. Pseudolymphoma of the lung in a patient with systemic lupus erythematosus. *Am J Med.* 1979 Jan; 66(1):172-176. PMID: 420245
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8. **Walker PD**, Rosai J, Dorfman RJ: The osseous manifestations of sinus histiocytosis with massive lymphadenopathy. *Am J Clin Pathol.* 1981 Feb; 75(2):131-139. PMID: 7468520

9. Southwest Pediatric Nephrology Study Group: A multicenter study of IgA, Nephropathy in children. A report of the Southwest Pediatric Nephrology Study Group. *Kidney Int.* 1982 Dec; 22(6):643-652. PMID: 6761487
10. Hull MT, Roth LM, Glover JL, **Walker PD**. Metastatic carotid body paraganglioma in Von Hippel-Lindau Disease. An electron microscopic study. *Arch Pathol Lab Med.* 1982 May; 106(5):235-239. PMID: 6896135
11. O'Neill WM Jr, Wallin JD, **Walker PD**. Hematuria and red blood casts in typical diabetic nephropathy. *Am J Med.* 1983 Mar; 74(3):389-395. PMID: 6829589
12. Southwest Pediatric Nephrology Study Group. Childhood nephrotic syndrome associated with diffuse mesangial hypercellularity. *Kidney Int.* 1983 Jul; 24(1):87-94. PMID: 6620853
13. **Walker PD**, Deeves EC, Sahba G, Wallin JD, O'Neill WM Jr. Rapidly progressive glomerulonephritis in a patient with syphilis: Identification of anti-treponemal antibody and treponemal antigen in renal tissue. *Am J Med.* 1984 Jun; 76(6):1106-1112. PMID: 6375366
14. Andes WA, **Walker PD**, Edmunds JO, Wulff KM. Hemophilic Arthropathy - An Immunologic Study of the Synovium. *Scand J Haematol Suppl.* 1984; 40:221-4. PMID: 6382587
15. **Walker PD**, Karnik S, deKernion JB, Pramberg JC. Cell surface blood group antigens in prostatic carcinoma. *Am J Clin Pathol.* 1984 Apr; 81(4):503-506. PMID: 6702753
16. **Walker PD**, Blitzer MG, Shapira E. Marinesco-Sjogren Syndrome: Evidence for a lysosomal storage disorder. *Neurology.* 1985 Mar; 35(3):415-419. PMID: 3974903
17. Focal segmental glomerulosclerosis in children with idiopathic nephrotic syndrome. A report of the Southwest Pediatric Nephrology Study Group. *Kidney Int.* 1985 Feb; 27(2):442-449. PMID: 3886999
18. A Clinico-pathologic study of Crescentic Glomerulonephritis in 50 Children: A report of the Southwest Pediatric Nephrology Study Group. *Kidney Int.* 1985 Feb; 27(2):450-458. PMID: 3887000
19. Hepatitis B Surface Antigenemia in North American Children with Membranous Glomerulonephropathy. A report of the Southwest Pediatric Nephrology Study Group. *J Pediatr.* 1985 Apr; 106(4):571-578. PMID: 3981311
20. Association of IgA Nephropathy with Steroid-Responsive Nephrotic Syndrome. A report of the Southwest Pediatric Nephrology Study Group. *Am J Kidney Dis.* 1985 Mar; 5(3):157-164. PMID: 3976653

21. Continuous Ambulatory and Continuous Cycling Peritoneal Dialysis in Children. A Report of the Southwest Pediatric Nephrology Study Group. *Kidney Int.* 1985 Mar; 27(3):558-564. PMID: 3999544
22. Hogg RJ, Silva FG, **Walker PD**, Cavallo T. Dense Deposit Disease in Children: Prognostic Value of Clinical and Pathologic Indicators. A Report of the Southwest Pediatric Nephrology Study Group. *Am J Kidney Dis.* 1985 Sep; 6(3):161-169. PMID: 3876030
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24. Comparison of idiopathic and systemic lupus erythematosus associated with membranous glomerulonephropathy in children. A Report of the Southwest Pediatric Nephrology Study Group. *Am J Kidney Dis.* 1986 Feb; 7(2):115-124. PMID: 3484901
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## ABSTRACTS

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#### **CIVIC ORGANIZATIONS**

1. Board member, Arkansas Regional Organ Recovery Agency (ARORA), 2001-2006
2. Treasurer, Arkansas Regional Organ Recovery Agency (ARORA), 2004 – 2006
3. Board member, Children's Protection Center – Little Rock, 2016 – current