

Pascale Hammond Lane, MD

DEPARTMENT OF PEDIATRICS, SECTION OF PEDIATRIC NEPHROLOGY
1200 N PHILLIPS AVE, SUITE 14200, OKLAHOMA CITY, OK 73104
PHONE 405.271.6142 MOBILE 405.306.6067 FAX 405.271.3967
PASCALE-LANE@OUHSC.EDU

EDUCATION & TRAINING

FELLOWSHIP

July 1, 1988-June 30, 1991
University of Minnesota, Minneapolis, MN
Specialty: Pediatric Nephrology

RESIDENCY

July 1, 1986 – June 30, 1988
Rush Presbyterian St. Lukes Medical Center
Chicago, IL
Specialty: Pediatrics

July 1, 1985 – June 30, 1986
Michael Reese Hospital and Medical Center
Chicago, IL
Specialty: Pediatrics

UNDERGRADUATE & MEDICAL SCHOOL

August 1979-June 1985
University of Missouri at Kansas City BA/MD program
BA in biology with distinction June 1984
MD June 1985

PROFESSIONAL EXPERIENCE

ACADEMIC

PRESENT

- Professor of Pediatrics, Division of Pediatric Nephrology, Oklahoma University Health Sciences Center, September 2011 – present
- Adjunct Professor of Pediatrics and Cellular and Integrative Physiology, University of Nebraska Medical Center, Omaha, NE, July 2011 – present

PAST

- Helen Freytag Distinguished Professor of Pediatrics, University of Nebraska Medical Center, July 2004 - 2011
- Graduate College Faculty Member and Fellow, University of Nebraska, 1999 - 2011

- Courtesy Professor of Physiology and Biophysics, University of Nebraska Medical Center
- Associate Professor of Pediatrics, Division of Pediatric Nephrology, University of Nebraska Medical Center, February 1998 – June 2004
- Assistant Professor of Pediatrics, Division of Pediatric Nephrology, Saint Louis University, St. Louis, MO, September 1991 – January 1998

ADMINISTRATIVE

PRESENT

- Associate Dean for Faculty Development, Oklahoma University Health Sciences Center, September 2011 – present

PAST

- Director, Pediatric Research Office, University of Nebraska Medical Center, April 2007 – 2011
- Associate Chair for Research, Department of Pediatrics, University of Nebraska Medical Center, July 2000 – 2011

HOSPITAL/AGENCY

- Co-Director, Pediatric CRRT, Children’s Hospital and Medical Center, Omaha, NE, 2010-2011

CERTIFICATION

- American Board of Pediatrics: Sub-board in Pediatric Nephrology 1995; recertified 2003; Maintenance of Certification 2010-2019
- American Board of Pediatrics 1989; recertified 1997
- National Board of Medical Examiners 1986

LICENSES

- Oklahoma License 2011: Active

SCHOLARSHIP

RESEARCH FUNDING

- No active or pending grants at this time.

Dates Agency— Number (If applicable)	Title Site PI	Direct Costs My Role
7/1/2008 – 6/30/2010 Nebraska Kidney Association	Clinical Relevance of the ACI Rat PI: PH Lane	\$11,250 PI
7/1/2007-6/30/2008 Nebraska Kidney Association	Sex Differences in Gene Expression in Diabetes: Pre-Pubertal Onset PI: PH Lane	\$7,500 PI
7/1/2006-6/30/2007 National Kidney Foundation of Nebraska	Pre- and Post-Pubertal Gene Expression in Response to Diabetes PI: PH Lane	\$7,500 PI
7/1/2003-12/31/2004 National Kidney Foundation of Nebraska	Age of Castration and Diabetic Microalbuminuria PI: PH Lane	\$6,000 PI
7/1/2001-6/30/2002 John Wiebe Children's Healthcare Fund	Puberty and Diabetic Renal Hypertrophy – Estrogen's Role PI: PH Lane	\$4,907 PI
5/1/2004-4/30/2005 DHHS/NIH/NIDDK R01DK059869-04S1	Minority training supplement	#6,251 PI
8/1/2001-4/30/2006 DHHS/NIH/NIDDK R01DK059869	Impact of Puberty on the Kidney in Diabetes PI: PH Lane	\$1,137,770 PI
7/1/1999-6/30/2001 National Kidney Foundation of Nebraska	Plasma from Patients with Recurrent Focal Glomerulosclerosis: In Vitro Renal Effects PI: PH Lane	\$4,714 PI
2/1/1998-6/30/1999 American Heart Association	Furosemide Treatment: Effects on Glomerulosclerosis and Transforming Growth Factor Beta in Normal and Nephrectomized Rats PI: PH Lane	\$11,296 PI
2/1/1997-12/31/2000 American Diabetes Association Career Development Award	Age Related Differences in the Renal Structural Response to Diabetes PI: PH Lane	\$153,302 PI

TEACHING MATERIALS DEVELOPED

- Fluid, Electrolyte, and Acid-Base Pathophysiology Curriculum (not reviewed)
 - Initially created 2004 and updated annually
 - Consists of text, presentations using audience response system, and patient-oriented problem solving case
- Patient Education Handouts (not reviewed) distributed via pascalelane.net and updated annually
 - Kidney Biopsy
 - Hemolytic Uremic Syndrome
 - Henoch Schonlein Purpura
 - Post-Infectious Glomerulonephritis
 - Nephrotic Syndrome
 - Focal Segmental Glomerulosclerosis

SCHOLARLY ACTIVITIES & CREATIVE ACHIEVEMENTS

PUBLICATIONS

PEER-REVIEWED

1. Troncoso Brindeiro CM, **Lane PH**, Carmines PK. Tempol Prevents Altered K⁺ Channel Regulation of Afferent Arteriolar Tone in Diabetic Rat Kidney. *Hypertension* 59:657-64, 2012
2. Yang J, **Lane PH**, Pollock JS, Carmines PK. Protein kinase C-dependent NAD(P)H oxidase activation induced by type 1 diabetes in renal medullary thick ascending limb. *Hypertension* 55: 468-473, 2010
3. Yang J, **Lane PH**, Pollock JS, Carmines PK. PKC-dependent superoxide production by the renal medullary thick ascending limb from diabetic rats. *Am J Physiol Renal Physiol* 297:F1220-F1228, 2009.
4. Baserga M, Bares AL, Hale MA, Callaway CW, McKnight RA, **Lane PH**, Lane RH. Uteroplacental insufficiency affects kidney VEGF expression in a model of IUGR with compensatory glomerular hypertrophy and hypertension. *Early Hum Dev* 85:361-367, 2009
5. Troncoso Brindeiro CM, Fallet RW, **Lane PH**, Carmines PK Potassium channel contributions to afferent arteriolar tone in normal and diabetic rat kidney. *Am J Physiol Renal Physiol* 295:F171-F178, 2008
6. Bynote KK, Hackenberg JM, Korach KS, Lubahn DB, **Lane PH**, Gould KA: Estrogen receptor alpha deficiency attenuates autoimmune disease in (NZB xNZW) F1 mice. *Genes Immun* 9:137-152, 2008

7. Langer WJ, Devish K, Carmines PK, **Lane PH**: Prepubertal onset of diabetes prevents renal cortical connective tissue growth factor expression. *Pediatr Nephrol* 23:275-283, 2008
8. Lane JT, Ferguson A, Hall J, McElligott M, Miller M, **Lane PH**, Pfeffer E: Glycemic Control Over 3 Years In A Young Adult Clinic For Patients With Type 1 Diabetes. *Diabetes Res Clin Pract* 78:385-391, 2007
9. Sun J*, Devish K, Langer WJ, Carmines PK, **Lane PH**: Testosterone treatment promotes tubular damage in experimental diabetes in pre-pubertal rats. *Am J Physiol Renal Physiol* 292:F1681-1690, 2007
10. Sun J*, Langer WJ, Devish K, **Lane PH**: Compensatory kidney growth in estrogen receptor α null mice. *Am J Physiol Renal Physiol* 290:F319-F323, 2006
11. Wei P, **Lane PH**, Lane JT, Padanilam B, Sansom SC: Mesangial expansion precedes hyperfiltration in a mouse model of insulin resistance syndrome. *Diabetologia* 47:1541-1549, 2004
12. **Lane PH**, Sun J*, Devish K, Langer WJ: Dissociation of renal TGF- α and hypertrophy in female rats with diabetes mellitus. *Am J Physiol Renal Physiol* 287:F1011-F1020, 2004
13. Lovegrove AS*, Sun J*, Gould KA, Lubahn DB, Korach KS, **Lane PH**: Estrogen receptor α mediated events promote sex-specific diabetic glomerular hypertrophy. *Am J Physiol Renal Physiol* 287:F586-F591, 2004
14. McCurdy FA, Beck G, Maroon A, Gomes H, **Lane PH**: The Administrative Colloquium: Developing management and leadership skills for faculty. *Ambul Pediatr* 4:124-8, 2004
15. Lane JT, Ford TC, Larson LR, Chambers WA, **Lane PH**: Acute Effects of Different Intensities of Exercise in Normoalbuminuric / Normotensive Patients with Type 1 Diabetes Mellitus. *Diabetes Care* 27:28-32, 2004
16. Tracy S, Chapman NM, Kim K-S, Drescher, KM, **Lane PH**, Pirruccello S, Leser JS: Coxsackievirus B3 can suppress diabetes onset in nonobese diabetic mice. *J Virol* 76:12097-12111, 2002
17. Ishii N, Fujiwara K, **Lane PH**, Patel KP, Carmines PK: Renal cortical nitric oxide synthase activity during maturational growth in the rat. *Pediatr Nephrol* 17:591-596, 2002
18. **Lane PH**, Snelling DM, Hollman A*, Langer WJ: Puberty permits increased expression of renal TGF- α 1 in experimental diabetes. *Pediatr Nephrol* 16:1033-1039, 2001
19. **Lane PH**, Snelling DM, Langer William J: Streptozocin diabetes elevates all isoforms of TGF- β in the rat kidney. *Int J Exp Diabetes Res* 2:55-62, 2001
20. Ishii N, Patel KP, **Lane PH**, Taylor T, Bian K, Murad F, Pollock JS, Carmines PK: Nitric oxide synthesis and degradation in the renal cortex of rats with diabetes mellitus. *J Am Soc Nephrol* 12:1630-1639, 2001

21. **Lane PH**, Snelling DM, Babushkina-Patz N, Langer WJ: Sex differences in the renal transforming growth factor β 1 system after puberty. *Pediatr Nephrol* 16:61-68, 2001
22. **Lane PH**: 5-thio-D-glucose elevates renal transforming growth factor beta-1 at a dose that does not prevent streptozocin diabetes in rats. *Endocrinol* 141:3337-3342, 2000
23. Tracy S, Hofling K, Pirruccello S, **Lane PH**, Reyna SM, Gauntt CJ: Group B coxsackievirus myocarditis and pancreatitis: Connection between viral virulence phenotypes in mice. *J Med Virol* 62:70-81, 2000
24. **Lane PH**: Long-term furosemide treatment in the normal rat. Dissociation of glomerular hypertrophy and glomerulosclerosis. *Am J Kidney Dis* 33:105
25. **Lane PH**, Tyler LD, Schmitz PG: Chronic administration of furosemide promotes renal hypertrophy and augments glomerular capillary hydraulic pressure in normal rats. *Am J Physiol Renal Physiol* 275:F230-F234, 1998
26. **Lane PH**, Belsha CW, Plummer J, Steinhardt GF, Lynch RE, Wood EG: Relationship of renal size, body size, and blood pressure in children. *Pediatr Nephrol* 12:35-39, 1998
27. Ellis EN, Warady BA, Wood EG, Hassanein R, Richardson WP, **Lane PH**, Howard C, Kemp SF, Aceto T, Garibaldi L, Wiegmann TB, Savin VJ: Renal structural-functional relationships in early diabetes mellitus. *Pediatr Nephrol* 11:584-591, 1997
28. **Lane PH**: Age of onset of streptozocin diabetes determines the renal structural response in the rat. *Pediatr Res* 41:912-915, 1997
29. Vogler C, Wood E, **Lane PH**, Ellis EN, Cole BR, Thorpe C: Microangiopathic glomerulopathy in children with sickle cell anemia. *Pediatr Pathol Lab Med* 16:275-284, 1996
30. Schmitz PG, **Lane PH**, Dalal R, Zhang K, Majidi BJ: ω -3 fatty acids attenuate glomerular capillary hydraulic pressure and lessen renal injury in rats with renal ablation. *Kidney Int* 48:1792-1800, 1995
31. **Lane PH**: Furosemide treatment, angiotensin II, and renal growth and development in the rat. *Pediatr Res* 37:747-754, 1995
32. **Lane PH**: Determination of mean glomerular volume in nephrectomy specimens. *Lab Invest* 72:765-770, 1995
33. Kim KH, Kim Y, Gubler MC, Steffes MW, **Lane PH**, Kashtan CE, Crosson JT, Mauer SM: Structural-functional relationships in Alport's syndrome. *J Am Soc Nephrol* 5:1659-1668, 1995
34. Schmitz PG, Krupa SM, **Lane PH**, Reddington JC, Salinas-Madriral L: Acquired essential fatty acid depletion in the remnant kidney: Amelioration with U-63557A. *Kidney Int* 46:1184-1191, 1994
35. **Lane PH**, Mauer SM, Blazar BR, Ramsay NKC, Kashtan CE: Outcome of dialysis for acute renal failure in pediatric bone marrow transplant patients. *Bone Marrow Transplant* 13:613-617, 1994

36. **Lane PH**, Steffes MW, Fioretto P, Mauer SM: Renal interstitial expansion in insulin-dependent diabetes mellitus. *Kidney Int* 43:661–667, 1993
37. Moskowitz DW, Schneider AN, **Lane PH**, Schmitz PG, Gillespie KN: Effect of epidermal growth factor in the rat 5/6 renal ablation model. *J Am Soc Nephrol* 3:1113–1118, 1992
38. **Lane PH**, Steffes MW, Mauer SM: Glomerular structure in insulin-dependent diabetic women with low glomerular filtration rate and normal urinary albumin excretion. *Diabetes* 41:581–586, 1992
39. **Lane PH**, Steffes MW, Mauer SM: Estimation of glomerular volume: A comparison of four methods. *Kidney Int* 41:1085–1089, 1992
40. **Lane PH**, Schnaper HW, Vernier RL, Bunchman TE: Steroid dependent nephrotic syndrome following renal transplantation for congenital nephrotic syndrome. *Pediatr Nephrol* 5:300–303, 1991.

NON-REFEREED

- **Lane PH**: Academic Re-Entry. *Biocareers Columns* March 2, 2012. <http://biocareers.com/articles/academic-re-entry>
- **Lane PH**: Welcome to Your New Job. Surprise! *Biocareers Columns* January 3, 2012. <http://biocareers.com/articles/welcome-your-new-job-surprise>
- **Lane PH**: Dipping with the Stars. *Scientific American Guest Blog* December 2, 2011. <http://blogs.scientificamerican.com/guest-blog/2011/12/02/dipping-with-the-stars/>
- **Lane PH**: Academic Career Tracks Defined. *Biocareers Columns* November 23, 2011. <http://biocareers.com/articles/academic-career-tracks-defined>
- **Lane PH**: Considerations for an Academic Career. *Biocareers Columns* October 25, 2011. <http://biocareers.com/articles/considerations-academic-career>
- **Lane PH**: Paradoxical Polyuria. *Scientific American Guest Blog* February 10, 2011. <http://blogs.scientificamerican.com/guest-blog/2011/02/10/paradoxical-polyuria-when-it-comes-to-kidneys-sometimes-more-is-less/>

BOOK CHAPTERS

1. **Lane PH**: Oligomeganephronia. In *eMedicine: Pediatrics* [serial online], 2001. Updated 2006, 2010. Available at www.emedicine.com/ped/topic1634.htm

REFEREED REVIEW ARTICLES

1. **Lane PH**: Estrogen receptors in the kidney: Lessons learned from genetically altered mice. *Gender Med* 5(Suppl A):S11-S18, 2008
2. Narva AS, Murray AM, **Lane PH**: Guest editorial. *Adv Chronic Kidney Dis* 15:99-100, 2008
3. **Lane PH**: Puberty and chronic kidney disease. *Adv Chronic Kidney Dis* 12:372-377, 2005

4. **Lane PH:** Pediatric aspects of diabetic kidney disease. *Adv Chronic Kidney Dis* 12:230-235, 2005
5. **Lane PH:** Diabetic kidney disease: The impact of puberty. *Am J Physiol Renal Physiol* 283:F589-F600, 2002
6. Mauer SM, **Lane PH,** Hattori M, Fioretto P, Steffes MW: Renal structure and function in insulin-dependent diabetes mellitus and type I membranoproliferative glomerulonephritis in humans. *J Am Soc Nephrol* 2(Suppl 2):S181-S184, 1992
7. Mauer SM, **Lane PH,** Zhu D, Fioretto P, Steffes MW: Renal structure and function in insulin-dependent diabetes mellitus in man. *J Hypertens* 10 (Suppl 1):S17-S20, 1992.
8. **Lane PH,** Steffes MW, Mauer SM: Structural-functional relationships in type I, insulin-dependent diabetes mellitus (IDDM) in man. *J Diabetic Complications* 5:69-71, 1991.
9. **Lane PH,** Steffes MW, Mauer SM: The role of the pediatric nephrologist in the care of children with diabetes mellitus. *Pediatr Nephrol* 5:359-363, 1991.
10. **Lane PH,** Steffes MW, Mauer SM: Renal histologic changes in diabetes mellitus. *Semin Nephrol* 10:254-259, 1990.

ABSTRACTS

POSTERS

1. **Lane PH:** Diabetes mellitus and pup sex influence congenital kidney abnormalities in the ACI rat. Presented at the Annual Meeting of the American Society of Nephrology, November 10, 2011, Philadelphia, PA
2. Chaperon C, Rasmussen N, **Lane PH:** Circadian Suprachiasmatic Nuclei and Renal Gene Expressions in Perimenopausal Female C57Bl/J6 Mice. Presented at Sex and Gender in Cardiovascular-Renal Physiology and Pathophysiology, American Physiologic Society, July 16, 2009, Broomfield, CO
3. **Lane PH,** Commers T, Shull JD: Maternal diabetes suppresses intrauterine kidney growth in male but not female ACI rats. Presented at the Annual Meeting of the American Diabetes Association, June 7, 2009, New Orleans, LA
4. **Lane PH,** Langer WJ: Impact of puberty on expression of the phosphatidylinositol signaling system in diabetes. Presented at the Annual Meeting of the American Society of Nephrology, November 4, 2007, San Francisco, CA
5. **Lane PH,** Langer WJ: Impact of puberty on expression of the phosphatidylinositol signaling system in diabetes. Presented at the 61st Annual High Blood Pressure Research Conference, September 28, 2007, Tucson, AZ
6. **Lane PH,** Langer WJ: Pre- and post-pubertal expression of genes controlling blood pressure in experimental diabetes mellitus. Presented at the Annual Meeting of the American Society of Nephrology, November 17, 2006, San Diego, CA
7. **Lane PH,** Lacy NL, Hartman TL: Write Right Now! A faculty writing workshop. Presented at the Annual Meeting of the American Association of Medical Colleges, October 29-30, 2006, Seattle, WA

PUBLISHED

1. Erickson BN*, Bashford GR, **Lane PH**: Sex differences in the response to glucose tolerance testing in normal and fat-fed mice. *Diabetes* 54 (Suppl 1):A620, 2005
2. Lane JT, Chacko DM, Mack-Shipman LR, Thompson AF, Sunlac E, Larson LR, Stoner JA, **Lane PH**: Vascular endothelial growth factor levels during pregnancy in patients with type 1 diabetes. *Diabetes* 53 (Suppl 2):A218, 2004
3. **Lane PH**, Langer WJ: Effects of ACE inhibition and α adrenergic blockade on the renal TGF- β system in experimental diabetes. *J Am Soc Nephrol* 12:840A, 2001
4. **Lane PH**, Snelling DM, Langer WJ: ACE inhibition and α adrenergic blockade have similar effects on the renal TGF- β system in the diabetic rat. *Diabetes* 50 (Suppl 2):A176-A177, 2001
5. Schmitz PG, Tyler LD, **Lane PH**: Fish oil inhibits intimal hyperplasia in a rodent model of arterial injury. *J Am Soc Nephrol* 11:196A, 2000
6. **Lane PH**: Inhibition of neuronal nitric oxide synthase type I (nNOS) induces mRNA for transforming growth factor beta 1 (TGF- β 1). *J Am Soc Nephrol* 9:341A, 1998.
7. Wood EG, Lynch RE, Salinas-Madrigal L, **Lane PH**: Treatment of multiple recurrence of focal glomerular sclerosis (FGS) after renal transplantation with weekly plasmapheresis (PP). *J Am Soc Nephrol* 7:1928, 1996.
8. Ellis E, Wood E, **Lane PH**, Warady B: Early diabetic glomerulopathy: Correlation of glomerular structure with renal function at 3 years follow up (F/U). *J Am Soc Nephrol* 7:1356, 1996.
9. **Lane PH**: Continued growth of renal extracellular matrices during puberty in the normal rat. *Pediatr Res* 39:364A, 1996.
10. **Lane PH**: Development of glomerular ultrastructure in the rat. *Pediatr Res* 37:365A, 1995.
11. **Lane PH**, Steffes MW, Mauer SM: Interstitial expansion after renal transplantation (RT) for diabetic nephropathy (DN) in insulin dependent diabetes mellitus (IDDM): Relationship to mesangial expansion. *Diabetes* 41(Suppl 1):26A, 1992.

ORAL PRESENTATIONS

1. Irsik DL, Langer WJ, Devish K, **Lane PH**: Protein levels of Estrogen Receptor α splice variants are augmented in non-reproductive organs. Presented at Experimental Biology, April 11, 2011, Washington, DC

COMMENTARY

1. Narva AS, Murray AM, **Lane PH**: Clinical challenges in vulnerable CKD populations. *Adv Chronic Kidney Dis* 15:99-100, 2008
2. Musch TI Carroll RG, Just A, **Lane PH**, Talman WT: A broader view of animal research. *BMJ* 334:274, 2007
3. **Lane PH**: Book Review: Immunologic Renal Diseases. *Pediatr Nephrol* 12:172, 1998

PRESENTATIONS

All local and regional presentations are listed under Contributions to Continuing Education

NATIONAL

- 24/7 Health: The role of technology in healthcare. Presented at Science Online, February 2, 2013, Raleigh, NC
- Using social media to communicate about social media and you. Presented at Experimental Biology, April 21, 2012, San Diego, CA
- Why the resistance to science blogging? Presented at Science Online 2012, January 21, 2012, Raleigh, NC
- TRIZ analysis. Presented at ELAM Alumnae Meeting, December 11, 2011, Nashville, TN
- Self-marketing. Presented at Science Online 2011, January 16, 2011, Raleigh, NC
- Patient blogging. Presented at Science Online 2011, January 16, 2011, Raleigh, NC
- Estrogen receptor studies using transgenic animals. Presented at Let's Talk About Sex, American Physiologic Society, August 9, 2007, Austin, TX

TEACHING

Activities listed occurred at University of Nebraska Medical Center, Omaha, NE (UNMC) or at Oklahoma University Health Sciences Center, Oklahoma City, OK (OUHSC)

COURSE PARTICIPATION

DEPARTMENT

- Hemolytic Uremic Syndrome, 2013: *1 hour lecture for pediatric housestaff*
- Selling yourself: CVs, executive summaries, and other documents, Resident Research Curriculum, 2003: *1 hour lecture on job search documents for housestaff and medical students*
- Pediatric Nephrology, Resident Board Review, 2003-2011: *90 minute refresher course given annually to senior housestaff in pediatrics and internal medicine-pediatrics*
- Mentorship, Resident Research Curriculum, 2003: *1 hour panel discussion on the importance of mentors and finding what you need to succeed*
- Acid problems: Can we blame the kidney?, 2003: *1 hour lecture for pediatric housestaff and medical students*
- Proteinuria and nephrotic syndrome, 2002: *1 hour lecture for pediatric housestaff and medical students*

COLLEGE

- Renal Pathophysiology, 2012: *6 hours of instruction plus 2 hours of audience response for second-year medical students*
- Section Director, M2 Acid-Base Metabolism, 2003 – 2010: *Annual pathophysiology course for second year medical students. Designed and implemented curriculum including review*

material, handouts, lectures utilizing audience response system, small group discussions, and patient-oriented problem solving.~10 hours of class contact per year

- Section Director, M2 Renal Pathophysiology, 2004 – 2005: *Annual pathophysiology course for second year medical students. Updated curriculum including handouts, lectures, and small group discussions .~8 hours of class contact per year*
- Developed and coordinated section on progression of renal failure for PHYS 930 – Advanced Renal Physiology, 2003: *Class for PhD candidates in Cellular and Integrative Physiology, including 2 hours of lecture and a 1-hour journal club.*

CAMPUS

- Director, Administrative Colloquium, 2003 – 2011: *Bi-annual project-centered faculty leadership development course at University of Nebraska Medical Center; ~40 hours of contact over academic year with 20-30 “middle-management” faculty administrators. Adapted finance materials and case study.*
- Developed and presented Abstract Writing Workshop, 2005: *1 hour panel discussion on preparation of abstracts for meetings, papers, and grants, attended by 75 faculty members from all academic units of UNMC.*
- Developed Write Right Now!, Annual Faculty Writing Workshop, 2006-2010: *Half-day workshop with invited speaker and small group work focused on manuscript preparation and writing success skills; ~100 participants each year from all academic units of UNMC*

MENTORING & ADVISING

UNDERGRADUATE SUMMER RESEARCH

- Beth Erickson, 2002, 2003, 2004
- Erin Thomsen, 2002
- Andrea Wilson, 2004, 2005
- Keiko Weir, 2010

MEDICAL STUDENT RESEARCH EDUCATION

- Summer research preceptor for Alecia Hollman Lovegrove, 2001
 - Finalist for student research award, Nebraska & Iowa Physiology Societies Joint Meeting, 2002
- Senior honors thesis supervisor for Alecia Hollman Lovegrove, 2003-2004

GRADUATE STUDENT ACTIVITIES

- Doctoral supervisory committee, Qi Che, Physiology, 2000 – 2004
- Doctoral supervisory committee, Kurinji Singaravelu, Physiology, 2004 - 2009
- Post-doctoral research fellow supervisor, Jianhong Sun, 2001 – 2007
- Masters supervisory committee, Tessa Comers, 2007 – 2009
- Doctoral supervisory committee, Jing Yang, 2007-2010
- Doctoral supervisor, Debra Irsik, 2010 - present

CONTRIBUTIONS TO CONTINUING EDUCATION

At OUHSC

Drinking Acid: The Kidney & Renal Tubular Acidosis (Pediatric Grand Rounds, February 23, 2012)

At UNMC

Do That Thing You Do and Get Published, Too (Educational Development Institute, 2003 and 2004): *1 hour presentation on developing scholarly products from nontraditional activities, attended by ~100 participants each year from all academic units of UNMC*

Update on Hemolytic Uremic Syndrome (Annual Pediatric Review Course, Creighton University College of Medicine, 2004): *1 hour presentation to regional pediatricians in Nebraska*
Promotion and Tenure: Junior Faculty Issues (Neurosciences faculty development, 2003): *~1 hour discussion with junior neurosciences faculty*

Proteinuria and Nephrotic Syndrome (Annual Pediatric Review Course, Creighton University College of Medicine, 2003): *1 hour presentation to regional pediatricians in Nebraska*

Impact of Puberty on the Kidney: Implications for Diabetes and Other Kidney Diseases (ESRD Network Meeting, 2002): *1 hour presentation to dialysis personnel from Missouri, Kansas, Nebraska, and Iowa*

Primary Hyperoxaluria (Nursing Inservice, 2001): *1 hour lecture to pediatric nurses at UNMC*

UTIs: AAP Practice Guidelines (Pediatric Performance Improvement Committee, Boys' Town Research Hospital, 2001): *1 hour review and discussion with pediatricians from Boys' Town in Omaha*

Hemolytic Uremic Syndrome Update (Nursing Inservices, 2000, 2001): *1 hour lecture to pediatric nurses at UNMC*

PROFESSIONAL SERVICE

DEPARTMENT

- Anticipated clinical load (0.66 FTE) at OUHSC
 - Inpatient pediatric nephrology service 13 weeks per year
 - More than 100 half-day clinics each year
- Clinical service (0.30 FTE) at UNMC
 - Inpatient pediatric nephrology service 17 weeks per year
 - 60 half-day clinics each year

COLLEGE OF MEDICINE

- Associate Dean for Faculty Development (0.33 FTE) at OUHSC

CAMPUS & UNIVERSITY

Items listed below at University of Nebraska Medical Center, Omaha, NE

- Institutional Animal Care and Use Committee of University of Nebraska Medical Center, 1999 - 2008

- Vice Chair, 2003 – 2008
- Alternate, 2008 – 2011
- Teaching Points Committee, Department of Pediatrics, 2000 – 2001
- Physician Compliance Leader, University Medical Associates, Department of Pediatrics, 2001 – 2004
- Mentorship Committee, Department of Pediatrics, University of Nebraska Medical Center, 2002 – 2006
- Director, Administrative Colloquium, 2003 - 2011
- Educational Development Initiative Committee, 2003 – 2011
- Faculty Development Steering Committee, 2003 – 2011
- Outstanding Research and Creative Activity Awards Selection Committee, 2005-2008
 - Chair, 2006-2007

EDITORIAL

- Editor-in-Chief, *ASN Kidney News*, 2008-present
- Editorial Board, *American Journal of Physiology Renal Physiology*, 2001-present
- Editorial Board, *Advances in Chronic Kidney Disease*, 2003-2009
 - Guest Editor, April 2008 issue
- Reviewer for the following journals:
 - *Academic Medicine*
 - *American Journal of Kidney Diseases*
 - *American Journal of Physiology Endocrine Physiology*
 - *Anatomical Record*
 - *Developmental Dynamics*
 - *Endocrinology*
 - *Kidney International*
 - *Microvascular Research*
 - *Pediatric Nephrology*

NATIONAL & INTERNATIONAL SERVICE

- Academic Women for Equality NOW: <http://awenow.org> (Project for [Vision2020](#) which examines issues regarding women in academia, particularly academic medicine)
- Data Safety Monitoring Board, Pelican Study, for AMAG Pharmaceuticals, 2010-present
- Veterans Administration Merit Review, Nephrology Subsection: 2006-20010
- American Heart Association Cardiorenal Study Section: April 2007
- National Institutes of Health Pathobiology of Kidney Disease Study Section:
 - Ad hoc member, July 2004, July 2005, October 2006
- National Institutes of Health General Medicine B Study Section: Ad hoc member, February 2003

- National Institutes of Health Special Emphasis Panel: Surrogate Endpoints for Diabetic Microvascular Complications. August 2002
- Medical and Scientific Review Committee of the Juvenile Diabetes Foundation, 1996 – 1999

COMMUNITY SERVICE

Items listed below in Omaha, NE

- 2001-2006, Team Financial Manager, Kingswood Athletic Association Cobras select baseball team
- July 25, 2001, Regional American Diabetes Association Staff Meeting: Organized presentations by 3 investigators and tour of University of Nebraska research facilities.
- 2001-2011, Fund Development Committee, National Kidney Foundation of Nebraska
2000-2001, Public Communications Committee, National Kidney Foundation of Nebraska
- 2000-2001, Legislative Affairs Committee, National Kidney Foundation of Nebraska
- 1999-2002, “When Bedwetting Becomes a Problem,” National Kidney Foundation of Nebraska

HONORS & AWARDS

2010: Delegate to Vision2020

2006: University of Nebraska Medical Center Distinguished Scientist Award

2004: Helen Freytag Distinguished Professor of Pediatrics, University of Nebraska Medical Center

1997: Career Development Award, American Diabetes Association

1991: First place, University of Minnesota Pediatric Fellows’ Research Symposium

1985: American Medical Women’s Association Achievement Citation, University of Missouri-Kansas City

1984: Alpha Omega Alpha, University of Missouri-Kansas City

MEMBERSHIPS & OFFICES

1991 – present

- American Society of Nephrology
 - 2008-present: Communications Committee
- American Diabetes Association

1992 – present

- American Society of Pediatric Nephrology
 - 2005 – 2006: Public Policy Committee
- International Society of Nephrology
- International Society of Pediatric Nephrology

- National Kidney Foundation
 - 1998-2004: Board of Directors, Nebraska
 - 2001-2003: Chair, Medical Scientific Advisory Board

1994 – present

- American Heart Association Council on the Kidney
 - 2005 – 2007: Editor, Council Newsletter

1995–present

- Women in Nephrology

1998-present

- Midwest Society for Pediatric Research
- National Society for Pediatric Research

2000-present

- Metropolitan Omaha Medical Society
- American Association for the Advancement of Science
- American College of Physician Executives

2001-present

- American Physiological Society
 - 2007-2009: Animal Care and Experimentation Committee

2003-present

- Women Executives in Science & Healthcare (formerly Society for Executive Leadership in Academic Medicine)
 - 2008-2010: Programming Committee
 - 2011-present: Board of Directors, Central Region Representative
 - 2011-present: Director of Online Communications

2009-present

- Renal Physicians Association

2010-present

- ELAM Alumnae Board
 - Co-Chair, Communications
- Society of Children’s Books Writers and Illustrators
- American Medical Writers Association

PROFESSIONAL GROWTH & DEVELOPMENT

- March 2010 – Publishing Books, Memoirs and Other Creative Nonfiction (Harvard Writers Course)
- 2002 – 2003 – Hedwig van Ameringen Executive Leadership in Academic Medicine (ELAM) Program for Women
- January – May 2002 – UNMC-Canedy Executive Leadership Development Program (Certificate in Medical Management)

- October – November 2001 – American College of Physician Executives: Human Factors in Implementing Information Systems
- August – September 2001 - American College of Physician Executives: Management of Physicians with Disruptive Behavior
- March 2001 – February 2002 - UNMC Administrative Colloquium
- January – February 2001 - American College of Physician Executives: Financial Decision Making
- July 2000 - American Association of Medical Colleges: Senior Women in Medicine Professional Development Seminar