



Charles Alpers, MD

APC Senior Fellow Since: 2020

Email: calp@uw.edu

EDUCATION

Undergraduate Degree: B.A., Philosophy and Psychology, Yale University (1973).

Graduate/Professional Degree: M.D., University of Rochester (1978). **Postgraduate Education:** Intern and Resident, Internal Medicine, University Hospital, Boston, MA (1978-1980); Resident in Pathology, University of California, San Francisco, CA (1980-1982); Fellow in Surgical Pathology, University of California, San Francisco, CA (1982-1983); Resident in Laboratory Medicine, University of California, San Francisco, CA (1983-1984); Research Fellow in Pathology, Brigham and Women's Hospital and Harvard Medical School, Boston, MA (1984-1986). **Board Certification:** Anatomic Pathology, American Board of Pathology (1984); Clinical Pathology, American Board of Pathology (1985).

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SERVICE

Service as Pathology Chair: Acting Chair, University of Washington (2007-2008, 2009-2010); Interim Chair, University of Washington (2016-2020). **Leadership Roles Before, During, and After Service as Chair:** Director, Anatomic Pathology, University of Washington (2000-2001); Vice Chair, Pathology, University of Washington (2007-2016); Councilor and President, Renal Pathology Society (1996-2000). **Other Academic Positions After Service as Chair:** Chair, Liaison (oversight) Committees of the Heart Regeneration Program, Institute for Stem Cell and Regenerative Medicine, and the Center for Cardiovascular Biology, all at the University of Washington (2017-Present).

AREAS OF PROFESSIONAL INTEREST

Research: Further characterization of mechanisms of injury in diabetic nephropathy using an animal model system developed in our laboratory disease (basic and translational research); Characterization of acute and chronic kidney injury using the intersection of digital pathology, transcriptomics, metabolomics, proteomics, and other spatially registered interrogation strategies (translational and clinical research) using the resources of the Kidney Precision Medicine Project; I am active in the principle renal pathology study groups involved in further classification and characterization of IgA nephropathy (Oxford Classification) and lupus nephritis (International Society of Nephrology/Renal Pathology Society Classification) (clinical research). **Clinical:** Renal Pathology. **Educational:** I participate in multiple regional and national CME courses with a focus on kidney pathology. **Mentoring:** I mentor academic faculty both in my local institution and at other institutions in my role as a Senior Fellow. **Current Interests:** I have a strong interest in the research activities identified above. I maintain an active interest in clinical diagnostic renal pathology.

ACHIEVEMENTS

Honors and Awards: Royal College Professor (Canada) (1996); Elected Fellow, American Association for the Advancement of Science (1998); Jacob Churg Award, Renal Pathology Society (2003); Nelson Fausto-Ann DeLancey Endowed Professor, University of Washington (2016); Roscoe R. Robinson Award, for lifetime contributions to nephrology and education, International Society of Nephrology (2023).

Professional Achievements of Which You are Most Proud: Administrative: Co-led the consolidation of the Departments of Pathology and Laboratory Medicine into a single Department of Laboratory Medicine and Pathology at the University of Washington; Education: Founder and longtime program director of the Renal Pathology Fellowship at the University of Washington which has produced 19 graduates who are faculty members at academic institutions around the country; Scholarship: Author of the sections on kidney pathology in three editions of *Robbins and Cotran's Pathologic Basis of Disease* textbook and in three editions of the textbook *Robbins' and Cotran's Basic Pathology*; Research: Developed a reversible animal model of diabetic nephropathy that is widely used by researchers and pharmaceutical companies to develop new therapeutics; Serve as the Co-chair of the Pathology committee of the Kidney Precision Medicine Project.

OUTSIDE INTERESTS

Hobbies: Travel; Bicycling; Exploring music clubs and venues in whichever city I happen to find myself.