

CURRICULUM VITAE

Peter B. Baker

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EDUCATION

B.A., Otterbein College, Westerville, Ohio 1975
M.D., Ohio State University, College of Medicine, 1978

LICENSE

State of Ohio (by FLEX examination)

CERTIFICATION

Anatomic and Clinical Pathology, American Board of Pathology, November 1982

AWARDS AND FELLOWSHIPS

- Roessler Foundation Research Program, Ohio State University, June-November, 1977
- Von Haam Award in Pathology, Ohio State University, 1978
- Central Ohio Heart Association Research Fellowship, January-December, 1980
- Central Ohio Heart Association Young Investigator Award, July 1986-June 1987
- Central Ohio Heart Association Young Investigator Award, July 1987-June 1988
- Preclinical Professor of the Year, 1991-1992
- Award for Outstanding Teaching, 1992-1993
- Professor of the Year, 1993-1994
- Membership in Alpha Omega Alpha Honor Society, 1994
- Award for Outstanding Teaching, 1993-1994
- Best Team Award, Ohio Medical Education Network, 1999

PROFESSIONAL EXPERIENCE

- Residency in Pathology, Ohio State University Hospitals, Columbus, Ohio, Sept. 1978-June 1982
- Chief Resident, Dept of Pathology, Ohio State University Hospitals, Columbus, Ohio, July 1981-June 1982
- Assistant Professor, Department of Pathology, Ohio State University July 1982 - June 1988
- Associate Professor, Department of Pathology, Ohio State University July 1988 - June 1995
- Professor (Clinical), Department of Pathology, July 1995-2002
- Professor (Clinical), Department of Pathology, July 2003-Present
- Staff Pathologist, Columbus Childrens Hospital, August 2002-Present

PROFESSIONAL SOCIETIES

College of American Pathologists (Fellow)
Central Ohio Society of Pathologists (Member 1982 - 2002)

Ohio Society of Pathologists (Member)
American Medical Association (Member)
United States and Canadian Academy of Pathology (Member)
Society for Cardiovascular Pathology (Charter Member)
Society for Pediatric Pathology (Member)
American Society for Investigative Pathology (Member 1982 – 2002)

COMMITTEES

- Resident Selection Committee, Department of Pathology, Ohio State University Hospitals, Columbus, Ohio, July 1981-June 1982 and July 1984-June 1985
- Education Committee, Department of Pathology, Ohio State University, July 1982-June 1984 and July 1985 – Present (Chairperson, July 1988 -June, 1994; ex-officio, July 1994 – August 2001)
- Academic Program Committee (Med II), College of Medicine, Ohio State University, July 1987 – June 2001 (Chairperson, July 1994-June 2001)
- Academic Program Committee (Med I), College of Medicine, Ohio State University, July 1991-June 2001
- Preclinical Academic Standing Committee, College of Medicine, Ohio State University, July 1994 – Sept. 2001 (Chairperson September 1996 - October 1999)
- Med II Student Review Subcommittee, Chairperson, July 1992 - June 1994
- Executive Curriculum Committee, College of Medicine, Ohio State University, July 1994-June 2001
- Promotion and Tenure Committee, Dept of Pathology, Ohio State University, July 1986-June 1987 and July 1999-August 2002
- Circulatory System Devices Panel, Department of Health and Human Services, Food and Drug Administration (United States Federal Government), Voting Member November 1984-June 1988; Consultant, July 1988 –June 1990; Voting Member July 1990 - June 1991
- Research Peer Review Committee, American Heart Assoc., Ohio Affiliate, January 1986-December 1989
- Autopsy Committee, College of American Pathologists, January 1988-May 1999: Vice-Chairperson, January 1992 - December 1995; Chairperson, January 1996-May 1999
- Quality Assurance Committee, College of American Pathologists, January 1990 - December 1995
- Commission on Anatomic Pathology, College of American Pathologists, January 1996-May 1999
- Pathology Chair Search Committee, September 1991 - April 1992
- Med II Curriculum Revision Coordinating Committee (Ad Hoc), July 1993-June 1994
- Quality Assurance Committee, Department of Pathology, July 1992-August 2001
- Imaging/Photography Committee, Department of Pathology, 1997-June 2001
- Med I/II Lecture Discussion 2006 Task Force, December 1998-June 2001
- Promotion and Tenure Committee, College of Medicine and Public Health, July 1999-August 2002
- Perioperative Services Committee, Columbus Childrens Hospital, March 2004 – September 2006

RESEARCH ACTIVITIES

A. Funded Research Activities

1. Quantitative Histology of Human Congestive Cardiomyopathy. American Heart Association Central Ohio Heart Chapter, October 1, 1982 - September 30, 1983, \$12,000. Principal Investigator-PB Baker
2. Quantitative Histology of Human Congestive Cardiomyopathy. American Heart Association Central Ohio Heart Chapter, October 1, 1983 - December 31, 1984, \$18,000. Principal Investigator-PB Baker
3. Transmural Transport in Blood Vessels; National Heart, Blood and Lung Institute, July 1, 1982 - June 30, 1985, \$531,000. Principal Investigator Donald Fry, Ph.D., Co- Investigator-PB Baker

4. Clinical-Morphometric Correlates in Human Myocardial Disease. American Heart Association Central Ohio Heart Chapter, July 1, 1986 - September 30, 1987, \$18,000. Principal Investigator-PB Baker
5. Young Investigatorship Career Development Award. American Heart Association, Central Ohio Heart Chapter, American Heart Association, July 1, 1986-June 30,1987, salary stipend \$25,000.
6. Young Investigatorship Career Development Award. American Heart Association Central Ohio Heart Chapter, American Heart Association, July 1, 1987-June 30, 1988, salary stipend \$25,000.
7. Physical-Chemical Characterization of Human Coronary Arterial Calcification. American Health Assistance Foundation, May 1, 1987 - April 30, 1988, \$33,406. Principal Investigator, Dennis W. Foreman, Ph.D., Co- Investigator, PB Baker
8. Reduction of Doxorubicin Cardiotoxicity by ICRF-187. National Cancer Institute, August 11, 1986-July 31, 1988, \$263,507. Principal Investigator Donald V. Unverferth, M.D., Co-Investigator PB Baker.
9. Dilated Cardiomyopathy: Biochemistry and Ultrastructure. Bremer Research Funds, Ohio State University. College of Medicine, March 15, 1987 - March 15, 1988, \$4,200. Principal Investigator-PB Baker.
10. Hypertension and Congestive Heart Failure. National Institutes of Health, December 1, 1985 - November 30, 1989, \$166,288. Principal Investigator Sylvia A. McCune, Ph.D., Co-Investigator, PB Baker.
11. Cooperative Human Tissue Network. National Institute of Health, December 1, 1990 - November 30, 1995, \$1,551,523. Renewal December 1, 1995-November 30, 2000, \$2,476,782. Principal Investigator DD Sedmak, M.D., Co-Investigator PB Baker. Renewal April 1, 2001 – March 31, 2006, \$4,081,604. Principal Investigator DD Sedmak, M.D., Co-Investigator PB Baker.
12. Correlation of 3-D Coronary Axial Geometry and Pathology. National Institutes of Health, December 1, 1991 - November 30, 1995, \$293,596. Principal Investigator Morton H. Friedman, Co-Investigator PB Baker.
13. Assessment of Human Contour and Injury Response due to Side Impact Loading. National Highway Traffic Safety Administration, July 1, 1993 - April 30, 1996, \$178,916. Principal Investigator M. Hines, Ph.D. Co-Investigator PB Baker.
14. Development of Side Impact Liver Injury Criterion. National Highway Traffic Safety Administration April 1, 1993-December 31, 1995, \$133,949. Principal Investigator, Margaret Hines, Ph.D., Co-Investigator PB Baker.
15. Trauma. National Highway Traffic Safety Administration, September 1, 1996 - March 15, 1998, \$116,564. Principal Investigator Margaret Hines, Ph.D., Co-Investigator PB Baker.
16. Trauma Research, National Highway Traffic Safety Administration, June 1, 1997 – September 30, 1998, \$114,341. Principal Investigator Margaret Hines, Ph.D., Co-Investigator PB Baker.
17. Trauma Research, National Highway Traffic Safety Administration, August 1, 1998 – May 31, 1999, \$200,297. Principal Investigator Margaret Hines, Ph.D., Co-Investigator PB Baker.
18. Trauma Research, National Highway Traffic Safety Administration, June 1, 1999 – May 30, 2000, \$225,000. Principal Investigator Margaret Hines, Ph.D., Co-Investigator PB Baker.
19. Trauma Research, National Highway Traffic Safety Administration, June 1, 2000 – May 30, 2001, \$325,634. Principal Investigator Margaret Hines, Ph.D., Co-Investigator BP Baker.
20. Trauma Research, National Highway Safety Administration, June 1, 2001 – May 30, 2002, \$215,919. Principal Investigator Margaret Hines, Ph.D., Co-Investigator PB Baker.

B. Submitted research proposals that were approved but not funded

- Study of Cardiomyopathies Using Endomyocardial Biopsies. American Heart Association. Central Ohio Heart Chapter, American Heart Association, July 1, 1984 - June 30, 1985, \$18,000. Principal Investigator PB Baker.
- Quantitative Study of Endomyocardial Biopsies. American Heart Association, July 1, 1985 - June 30, 1986, \$12,000. Principal Investigator PB Baker.

- Clinicopathologic Correlation in Dilated Cardiomyopathy. American Heart Association, Central Ohio Heart Chapter, July 1, 1985 - June 30, 1986, \$16,000. Principal Investigator PB Baker.
- The Pathogenesis of an Heredofamilial Cardiomyopathy. National Institute of Health, July 1, 1985 - December 30, 1987, \$257,753. Principal Investigator Donald V. Unverferth, M.D., Collaborating Investigator PB Baker.
- The effect of diltiazem on the prevention of contraction band lesions and myocardial ultrastructural damage following epinephrine administration during cardiopulmonary resuscitation. Marion Laboratories, Kansas City, MO, Date was to be designated, \$41,494. Principal Investigator Charles G. Brown, M.D., Co- Investigator PB Baker.
- Creatine kinase and Creatine kinase-MB of aged myocardium. American Federation for Aging Research, \$25,000, July 1986-June 1987. Principal Investigator John Lott, Ph.D., Collaborating Investigator PB Baker. American Heart Association, Central Ohio Heart Chapter, \$15,000, July 1986-June 1987. Principal Investigator John Lott, M.D., Collaborating Investigator PB Baker.
- Dilated Cardiomyopathy: Biochemistry and Ultrastructure. American Heart Association, July 1987-June 1989, \$56,729. Principal Investigator PB Baker. American Heart Association, Central Ohio Heart Chapter, July 1987-June 1988, \$18,000, Principal Investigator PB Baker.
- Specialized Center of Research in Heart Failure (A SCOR Grant Proposal). National Institutes of Health, January, 1990 - December 31, 1994. \$10,286,924. Principal Investigator Carl V. Leier, M.D.
- Project 5. Characterization of Heart Failure Evolution in a Rat Model. \$916,587. Principal Investigator, Robert L. Hamlin, Ph.D., D.V.M., Co-Investigator, PB Baker.
- Project 7. Ventricular/Vascular Uncoupling after Cardiac Transplant, \$606,899. Principal Investigator, Randall C. Starling, M.D., Co-Investigator, PB Baker.
- Project 12. Physical and Pharmacological Conditioning in CHF, \$741,987. Principal Investigator, Carl V. Leier, M.D., Co- Investigator, PB Baker. Core C. Human Tissue and Isolated Myocyte Facility, \$660,141. Core Director, RA Altschuld, Ph.D., Associate Director, PB Baker.
- Arterial Morphology and Fluid Mechanics in Elastic Casts. National Institutes of Health, December 1, 1989 -November 30, 1994, \$155,677. Principal Investigator MH Friedman, Ph.D., Co-Investigator PB Baker.
- Revised grant (title unchanged) submitted for April 1, 1991 - March 31, 1996, \$168,610. Geometry and Histopathology of Human Coronary Arteries. National Institutes of Health, April 1, 1991 - March 31, 1996, \$165,327. Principal Investigator MH Friedman, Ph.D., Co-Investigator PB Baker.
- Free Radical Production and Myocardial Injury Following Global Ischemia and Reperfusion. Emergency Medicine Foundation, 1990-1991, \$17,573, Principal Investigator Tuan Luu, M.D. (Faculty Preceptor, CG Brown, M.D.) Co-Investigator PB Baker.
- Development of Dosage Treatment Guidelines for PEG- Superoxide Dismutase in the Treatment of Free Radical Induced Myocardial Injury Following Global Ischemia (Cardiac Arrest) in a Swine Model. Sterling Pharmaceutical Company, \$107,326, Principal Investigator CG Brown, M.D., Co-Investigator PB Baker.
- Mechanisms governing ventriculoarterial coupling in CHF. National Institutes of Health, April 1, 1994-March 31, 1999, \$1,784,362. Principal Investigator PF Binkley, M.D., Pathologist PB Baker.

C. Summary of Major Research Activities

- Quantitative light microscopic studies of human myocardium.
- Techniques and procedures were established in the laboratory for determining myocyte diameter, percent interstitial fibrous tissue, nuclear area and endocardial thickness. These techniques have been used to evaluate over 300 endomyocardial biopsies in various cardiac conditions. These techniques have been used to evaluate quantitative histologic characteristics across the left ventricular free wall, right ventricular free wall and interventricular septum in hearts obtained at autopsy and cardiac transplantation.

- Ultrastructural studies of human myocardium. Transmission electron microscopy has been used to study over 900 endomyocardial biopsies from native hearts. Qualitative observations have been recorded on each biopsy. A semi-quantitative scoring system was developed and used in several studies. A computerized image analysis system, available in the Department of Electrical Engineering, was modified and computer programs were developed for morphometric studies of myocardial ultrastructure. This system has been used for 2 major projects examining quantitative ultrastructural features in different forms of myocardial disease and correlating quantitative ultrastructural features with clinical parameters of cardiac function.
- Valvular pathology. Studies of floppy or myxomatous mitral valves include light microscopy of the valve cusps and chordae tendineae, biochemical studies of the collagen, physical measurements of cusps and chordae tendineae, transmission electron microscopy of valve cusps and scanning electron microscopy of the cusp surface. Stenotic mitral valves have been studied by light and electron microscopy. Ongoing studies include physical measurements (weights, volume, areas and others) of floppy, stenotic and normal mitral valves.
- Physical-Chemical characterization of calcific, atherosclerotic arteries. In collaboration with an investigator in the College of Dentistry, calcific atherosclerotic plaques were studied to investigate elemental composition, crystallographic features, mode of crystallite aggregation and nature of the interface between pathologic calcification and tissue components. Techniques employed include microprobe analysis, x-ray energy dispersion analysis, x-ray diffraction and transmission electron microscopy.
- Characterization of an Animal Model of Congestive Heart Failure. The pathologic characteristics of a new strain of rats which develop spontaneous congestive heart failure are being studied. Grossly, the weights and thicknesses are determined for the right ventricular free wall, left ventricular free wall and interventricular septum. Light microscopic studies include measurement of myocyte diameters in specified zones from the endomyocardium to epimyocardium across the ventricular walls. Fractional area of fibrosis in the same zones is determined by morphometric techniques. Quantitative ultrastructural characterization of the myocardium is done by previously developed morphometric techniques. Multiple histologic sections are evaluated for pathologic changes including necrosis and inflammation. Various stages in the progression of heart failure are being studied including pre CHF, mild or early CHF and advanced CHF with appropriate age-matched controls at each stage.
- Arterial studies correlating histopathology with geometry and flow dynamics. In collaboration with MH Friedman, Ph.D., early atherosclerotic lesions in coronary arteries are correlated with 3-dimensional arterial geometry. The geometry is determined by postmortem angiography with radiographs taken at specific angles in hearts that have been fixed by pressure perfusion of the coronary arteries. The course is reconstructed by a computer image analysis program. Intimal and medial morphology is studied histologically using quantitative image analysis techniques. The histologic features are correlated with geometric characteristics.
- Assessment of injury from side impact loading. In collaboration with Margaret Hines, Ph.D., human cadaver subjects are used in motor vehicle crash simulations. The test subject is seated on a bench seat that simulates a motor vehicle interior. The seat is accelerated until striking an instrumented load-measuring wall that simulates a motor vehicle door panel. Injuries are assessed by autopsy of the chest and abdomen. A separate similar project focuses on shoulder injury.
- Pathology associated with ablation energy. In collaboration with A. Mehdirad, M.D. multiple ablation lesions were produced in dog hearts. The gross and microscopic pathology of the lesion sites are described. The hearts are assessed for unexpected complications related to the ablation procedure.
- Pathology of Familial Heart Disease. In collaboration with H Graber, M.D., H Boudoulas, M.D. and others, the clinical and pathologic features of a well-documented familial heart disease are being studied. Pathologic studies include endomyocardial biopsies and autopsies.
- Pathology of various forms of congenital heart disease.

TEACHING ACTIVITIES

A. Lecture Responsibilities

- Cardiovascular pathology lectures, College of Medicine, second-year medical students (1982-present)
- Endocrine system pathology lectures, College of Medicine, second-year medical students (1992-1993)
- Basic pathology lectures, (miscellaneous topics) College of Medicine, second-year medical students (1992-1998)
- Pathology laboratories, College of Medicine, second-year medical students (1982-present)
- Inflammation, repair, cardiovascular pathology, respiratory system pathology, pathology "demonstrations" and other topics; basic pathology course for Optometry and graduate students (1982-2005)
- Cardiovascular and respiratory systems pathology, College of Dentistry, lectures for second-year dentistry students (1986-present)
- Clinical-Pathological Conferences, second-year medical students (1988-2002)
- Surgical Pathology of the cardiovascular system, Pathology residents (1982-2002)
- Laboratory review sessions, second-year medical students (1991-1994)
- Cardiovascular Pathology - Biomedical Engineering (1995)
- Autopsy Pathology - Pathology Assistant Students (1997-2002)
- Cardiovascular, renal and transplant pathology – Pediatric Pathology Fellows Lecture Series (2004-Present).

B. Clinical Teaching Activities

- Autopsy pathology, Congenital heart disease and Surgical Pathology: Pathology residents and Pediatric Pathology fellows
- Pathology conferences: Department of Surgery (presentation of recent cases; conference director, 1984-1988)
- Morbidity/mortality conferences: Department of Internal Medicine (1984-2002)
- Cardiovascular pathology case discussions: Division of Cardiology Fellows (1992-2002)
- Renal Pathology case discussions: Division of Renal Diseases (1999-2002)
- Congenital Heart Disease: third and fourth year medical students, housestaff, fellows, and other students on Pediatric Cardiology rotation
- Morbidity and Mortality Conference, Department of Pediatric Cardiology and Department of Pediatric Surgery
- Pediatric Renal Pathology Conference
- Pediatric Gastrointestinal and Liver Pathology Conference

C. Education Directorships

- Module leader, Cardiovascular Pathology, College of Medicine Med II Course, second-year medical students (1982-Present)
- Director for clinical-pathological conferences, College of Medicine (1987-2001)
- Director for clinical-pathological conferences, Ohio State University Hospitals (1981-2002)
- Co-director for Morbidity-Mortality Conferences, Department of Internal Medicine (1984-2002)
- Director of Basic Pathology course for Optometry and Graduate students (1984-1987, 1992-1997, and 2001)

- Director, pathology course for second-year medical students, Ohio State University July 1988 - June 1994
- Academic Program Director for Med II (second year of medical education), Ohio State University, July 1994-June 2001

D. Other Teaching Activities

- Cardiovascular system module co-author, responsible for pathology submodule, College of Medicine independent study program (second-year medical students)
- Graduate students, Department of Pathology (Committee member for Masters and Ph.D. students)

SERVICE RESPONSIBILITIES

A. Clinical Responsibilities

- Autopsy Pathology (1982-2002 at Ohio State University, 2002-Present at Columbus Childrens Hospital)
- Surgical Pathology (1982-2000 at Ohio State University, 2001 – 2002 at Ohio State University Hospital's East and August 2002 – Present at Columbus Childrens Hospital)
- Transplant Pathology (renal, cardiac and / or lung transplant biopsies; 1985-2002 at Ohio State University and 2002-Present at Columbus Childrens Hospital)
- Cardiac biopsies (1982-2002 at Ohio State University and 2002-Present at Columbus Childrens Hospital)
- Renal biopsies (1995-2002 at Ohio State University and 2004-Present at Columbus Childrens Hospital)
- Excised cardiac valves (1982 – 2002)
- Excised hearts for orthotopic transplantation (1985-2000 and 2002-Present at Columbus Childrens Hospital))
- Cytology (1982-1986)

B. Administrative Responsibilities

- Associate Director, Division of Autopsy Pathology, Ohio State University January 1986 –December 1990
- Director, Division of Autopsy Pathology and Electron Microscopy, Ohio State University; December 1990 – August 2001
- Director, Pathology Department Photography and Imaging Laboratory, Ohio State University 1990-1998
- Director of Autopsy Pathology, Columbus Children's Hospital, August, 2002 – March, 2004
- Director of Electron Microscopy, Columbus Childrens Hospital, January 2005 - Present
- Vice-Chair of Anatomic Pathology, Columbus Children's Hospital, March, 2004 - Present

PUBLICATIONS

A. Peer Reviewed Articles

1. Baker PB, Baba N, Boesel CP: Cardiovascular abnormalities in progeria: Case report and review of the literature. Archives of Pathology and Laboratory Medicine, 105:384-386, 1981.
2. Schonfeld S, Baker PB: Clinical pathological conference. A 67 year old man with shortness of breath. The Bulletin, Columbus and Franklin County Academy of Medicine 47(2):85-94, 1982.

3. Svirbely JR, Buesching WJ, Ayers LW, Baker PB, Britton AJ: *Mycobacterium fortuitum* infection of a Hickman catheter site. American Journal of Clinical Pathology 80:733-735, 1983.
4. Baker PB, Berggren R: Metastatic basal cell carcinoma: Review and report of a case. Annals of Plastic Surgery 11:428-430, 1983.
5. Unverferth DV, Fetters JK, Unverferth BJ, Leier CV, Magorien RD, Arn AR, Baker PB: Human myocardial histologic characteristics in congestive heart failure. Circulation 68:1194-1200, 1983.
6. Leier CV, Baker PB, Kilman JW, Wooley CF: The cardiovascular abnormalities associated with adult polycystic kidney disease. Annals of Internal Medicine 100:683-688, 1984.
7. Unverferth DV, Magorien RD, Moeschberger ML, Baker PB, Fetters JK, Leier CV: Factors influencing the one-year mortality of dilated cardiomyopathy. The American J Cardiology 54:147-152, 1984.
8. Baker PB, Goodwin R: Pulmonary artery sarcomas: A review and case report. Archives of Pathology and Laboratory Medicine 109:35-39, 1985.
9. Unverferth DV, Magorien RD, Moeschberger ML, Baker PB, Fetters JK, Leier CV: Dilated Cardiomyopathy: Short Term Prognosis. Cardiology Board Review 2:38-45, 1985
10. Wilson MS, Barth RF, Baker PB, Unverferth DV, Kolibash AJ: Giant cell myocarditis: A case report. American Journal of Medicine 79:647-652, 1985.
11. Unverferth DV, Baker PB: The value of endomyocardial biopsies. American Journal of Medicine 80(Suppl 2B):22- 32, 1986
12. Baker PB: Cardiovascular device could produce electrical shock hazard during autopsy. Pathologist 40:28, 1986
13. Baker PB, Keyhani-Rofagha S, Graham RL, Sharma HM: Dissecting hematoma (aneurysm) of coronary arteries. American Journal of Medicine 80:317-319, 1986.
14. Unverferth DV, Baker PB, Swift SE, Chaffee R, Fetters JK, Uretsky BF, Thompson ME, Leier CV: Extent of Myocardial fibrosis and cellular hypertrophy in dilated cardiomyopathy. American Journal of Cardiology 57:816- 820, 1986.
15. Graber HL, Unverferth DV, Baker PB, Ryan JM, Baba N, Wooley CF: Evolution of a hereditary cardiac conduction and muscle disorder: A study involving a family with six generations affected. Circulation 74:21-35, 1986.
16. Unverferth DV, Baker PB, Arn AR, Magorien RD, Fetters JK, Leier CV: Aging of the human myocardium: A histologic study based upon endomyocardial biopsy. Gerontology 32:241-251, 1986.
17. Unverferth DV, Schmidt WR, Baker PB, Wooley CF: The morphologic and functional characteristics of the heart in Friedreich's ataxia. American Journal of Medicine 82:5-10, 1987.
18. Unverferth DV, Baker PB, Pearce LI, Lautman J, Roberts WC: Regional myocyte hypertrophy, hyperplasia and fibrosis in hypertrophic cardiomyopathy. American Journal of Cardiology 59:932-936, 1987.
19. Baker PB, Bansal G, Boudoulas H, Kolibash AJ, Kilman J, Wooley CF: Floppy mitral valve chordae tendineae: Histopathologic alterations. Human Pathology, 19:507- 512, 1988.
20. Starling RC, Galbraith TA, Baker PB, Howanitz EP, Murray KD, Binkley PF, Watson, KM, Unverferth DV, Myerowitz PD: Successful management of acute myocarditis with biventricular assist devices and cardiac transplantation. American Journal of Cardiology, 62:341-343, 1988.
21. Starling RC, Baker PB, Hirsch SC, Myerowitz PD, Galbraith TA, Binkley PF: An echocardiographic and anatomic description of the donor-recipient atria anastomosis after orthotopic cardiac transplantation. American Journal of Cardiology, 64:109-111, 1989.
22. Boudoulas H, Kolibash AJ, Baker PB, King BD, Wooley CF: Mitral valve prolapse and the mitral valve prolapse syndrome: A diagnostic classification and pathogenesis of symptoms. American Heart Journal 118:796-818, 1989.
23. Foreman DW, Mitchell JC, Baker PB: Physical chemical evidence of structural weakness in coronary arterial calcification. Cardiovascular Research 23:64-69, 1989.
24. Neumar RW, Brown CG, VanLighten P, Hockstra J, Altshuld PA, Baker PB. Estimation of myocardial ischemic injury during ventricular fibrillation with total circulatory arrest using high energy phosphates and lactate as metabolic markers. Annals of Emergency Medicine, 20:222-228, 1991.

25. Wooley CF, Baker PB, Kolibash AJ, Kilman J, Spurks L, Boudoulas H. The floppy, myxomatous mitral valve, mitral valve prolapse and mitral regurgitation. *Progress in Cardiovascular Disease* 23: 397-433, 1991.
26. Sridhar R, Dwivedic C, Anderson J, Baker PB, Sharma HM, Desai P, Engineer FN. Effects of verapamil on the acute toxicity of doxorubicin in vivo. *Journal of the National Cancer Institute* 84:1653-1660, 1992.
27. Brinkman AM, Baker PB, Newman WP, Vigorito R, Friedman MH. Variability of human coronary artery geometry: An angiographic study of the left anterior descending arteries of 30 autopsy hearts. *Annals of Biomedical Engineering*, 22:34-44, 1994
28. Kass S, MacRae C, Graber HL, Sparks EA, McNamara D, Boudoulas H, Basson CT, Baker PB, Cody RJ, Fishman MC, Cox N, Kong A, Wooley CF, Seidman JG, Seidman CE. A gene defect that causes conduction system disease and dilated cardiomyopathy maps to chromosome 1p1-1q1. *Nature Genetics* 7:546-551, 1994
29. Hutchins GM, The Autopsy Committee of the College of American Pathologists. Practice guidelines for autopsy pathology. Autopsy performance. *Archives of Pathology and Laboratory Medicine*. 118:19-25, 1994.
30. Hutchins GM, The Autopsy Committee of the College of American Pathologists. Practice guidelines for autopsy pathology. Autopsy reporting. *Archives of Pathology and Laboratory Medicine* 119:123-130, 1995
31. Mabee CL, Mabee SW, Baker PB, Kirkpatrick RB, Levine EJ: Fulminant hepatic failure associated with etodolac use. *American Journal of Gastroenterology* 90:659-661, 1995.
32. Gephardt GN, Baker PB: Interinstitutional comparison of bladder carcinoma surgical pathology report adequacy: a College of American Pathologists Q-Probes study of 7234 bladder biopsies and curettings in 268 institutions. *Archives of Pathology and Laboratory Medicine* 119:681-685, 1995.
33. Powers JM, Autopsy Committee of the College of American Pathologists: Practice guidelines for autopsy pathology: autopsy procedures for brain, spinal cord and neuromuscular system. *Archives of Pathology and Laboratory Medicine* 119:777-783, 1995.
34. Zarbo RJ, Baker PB, Howanitz PJ: Autopsy quality assurance of permit form information, timeliness of performance and issuance of preliminary report: a College of American Pathologists Q-Probes study of 5400 autopsies from 452 institutions. *Archives of Pathology and Laboratory Medicine* 120:346-356, 1996.
35. Baker PB, Zarbo RJ, Howanitz PJ: Quality assurance of autopsy face sheet reporting, final autopsy report turnaround time and autopsy rates: A College of American Pathologists Q-Probes study of 10,003 autopsies from 418 institutions. *Archives of Pathology and Laboratory Medicine* 120:1003-,1996.
36. Gephardt GN, Baker PB: Lung carcinoma surgical pathology report adequacy. A College of American Pathologists Q-Probes study of over 8,300 cases from 464 institutions. *Arch Pathol Lab Med* 120:922-927, 1996.
37. Friedman MH, Baker PB, Ding Z, Kuban BD: Relationship between the geometry and quantitative morphology of the left anterior descending coronary artery. *Atherosclerosis* 125:183-192, 1996.
38. Archer TP, Mabee SW, Baker PB, Orsinelli DA, Leier CV: Aorta-left atrial fistula: a reversible cause of acute refractory heart failure. *Chest* 111:828-831, 1997.
39. Alamir A, Middendorf DF, Baker P, Nahman NS, Fontaine AB, Hebert LA: Renal artery dissection causing renal infarction in otherwise healthy men. *American Journal of Kidney Diseases* 30:851-855, 1997.
40. Bove, KE, The Autopsy Committee of the College of American Pathologists: Practice guidelines for autopsy pathology: the perinatal and pediatric autopsy. Autopsy Committee of the college of American Pathologists. *Arch Pathol Lab Med* 121(4):368-76, 1997
41. Mehdirad A, Gaiser J, Baker P, West S, Lehmkuhl L, Yong P, Meimir J, Nelson S: Temperature controlled RF ablation in canine ventricle and coronary sinus using 7 Fr or 5 Fr ablation electrodes. *Pacing and Clinical Electrophysiology* 21 (Part II):316-321, 1998.

42. Hanzlick R, Baker P: Case of the Month: Institutional Autopsy Rates. *Archives of Internal Medicine* 158 (11): 1171-2, 1998.
43. Armstrong AT, Binkly PF, Baker PB, Myerowitz PD, Leier CV: Quantitative Investigation of Cardiomyocyte Hypertrophy and Myocardial Fibrosis Over 6 Years After Cardiac Transplantation. *Journal of the American College of Cardiology* 32: 704-710, 1998.
44. Nelson SD, Sparks EA, Graber HL, Boudoulas H, Mehdirad AA, Baker PB, Wooley CF: Clinical Characteristics of Sudden Death Victims in Heritable (Chromosome 1p1-lq1) Conduction and Myocardial Disease. *Journal of American College of Cardiology* 32: 1717-1723, 1998.
45. Baker PB, Hanzlick R: Case of the Month: Death and Devices. *Archives of Internal Medicine* 159: 21-22, 1999.
46. Nakhleh RE, Baker PB, Zarbo RJ: Autopsy Result Utilization: A College of American Pathologists Q-Probes Study of 256 Laboratories. *Arch Pathol Lab Med*, 123:290-295, 1999.
47. Zarbo RJ, Baker PB, Howanitz PJ: The Autopsy As A Performance Measurement Tool – Diagnostic Discrepancies and Unresolved Clinical Questions: A College of American Pathologists Q-Probes Study of 2,479 Autopsies From 248 Institutions. *Arch Pathol Lab Med*, 123:191-198, 1999.
48. Gorman TE, Arcot AN, Baker PB, Prior TW, Brandt JT: Prevalence of the factor V_{Leiden} mutation among autopsy patients with pulmonary thromboembolic disease using an improved method for factor V_{Leiden} detection. *American Journal of Clinical Pathology* 111:413-417, 1999.
49. Sparks EA, Graber HL, Boudoulas H, Nelson SD, Baker PB, Wooley CF: Atrial myopathy and atrial fibrillation: phenotypes in heritable cardiac conduction and myocardial disease. *European Heart Journal* (Supplement K) 2:K78-K90, 2000
50. Armstrong AT, Binkley PF, Baker PB, Leier CV: Histologic comparison of allograft myocardium between short- and long-term survivors of human cardiac transplantation. *American Journal of Cardiology* 86:1148-1151, 2000, A9.
51. Baschinsky DY, Weidner N, Baker PB, Frankel WL: Primary hepatic anaplastic large-cell lymphoma of T-cell phenotype in acquired immunodeficiency syndrome: A report of an autopsy case and review of the literature. *The American Journal of Gastroenterology* 96:227-32, 2001.
52. Baschinsky DY, Baker PB, Niemann TH, Wilmer WA: Pauci-immune ANCA-positive crescentic glomerulonephritis associated with metastatic adenocarcinoma of the lung. *American Journal of Kidney Disease* 36(4):E24, 2001.
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B. Book Chapters

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C. Abstracts

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60. Baker PB: Myocardial ultrastructural alterations in heritable cardiac disease. *Modern Pathology* 17: 55A, 2004 (Presented at the United States and Canadian Academy of Pathology meeting, Vancouver, March 9, 2004)
61. Baker PB: Distinct patterns of myocardial fibrosis in heritable cardiac disease. *Modern Pathology* 17: 55A, 2004 (Presented at United States and Canadian Academy of Pathology meeting, Vancouver, March 9, 2004)
62. Hughes A, Baker PB. Unexpected autopsy findings following surgery for congenital heart disease. *Modern Pathology* 17:269, 2004 (Presented as platform at Society for Pediatric Pathology meeting, Vancouver, March 6, 2004)
63. Baker PB, Hughes A. Tricuspid valve alterations in hypoplastic left heart syndrome. *Modern Pathology* 18:305, 2005 (Presented as platform at Society for Pediatric Pathology meeting, San Antonio, February 26, 2005)

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65. Baker P. Morphologic alterations in dilated tricuspid valves. *Modern Pathology* 19:27-28, 2006 (Presented as poster session at International Academy of Pathology, Montreal, September 17, 2006).
66. Baker P, Sparks E, Raman S, Wooley C. Histopathologic substrate for clinical manifestations and imaging in heritable myocardial and conduction system disease. *Modern Pathology* 19:28, 2006 (Presented at International Academy of Pathology, Montreal, September 17, 2006).
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D. Published Book Reviews

1. Baker PB: Book Review of *Congenital Heart Disease: Causes and Processes*. Nora JJ, Takao A (eds), Futura Publishing Company, Mount Kisco NY, 1984. Published in *Archives of Pathology and Laboratory Medicine* 109:881, 1985.
2. Baker PB: Book Review of *Coronary Artery Spasm: Pathophysiology, Diagnosis and Treatment*. CR Conti (ed) Marcel Dekker, Inc, New York, 1986. Published in *Archives of Pathology and Laboratory Medicine* 111; 493, 1988.
3. Baker PB: Book Review of FJ Schoen: *Interventional and Surgical Cardiovascular Pathology*. WB Saunders Company, Philadelphia, 1989. Published in *Archives of Pathology and Laboratory Medicine* 114:544-545, 1990.

E. Original Published Educational Material

1. Jeff JC, Baker PB, Grose M: Alpha-fetoprotein (AFP) testing: Clinical significance. *Clinical Laboratory Update (Ohio State University Hospitals)*, 3(2), February 1981.
2. Smith K, Baker PB, Neff JC: Syphilis serology revisited. *Clinical Laboratory Update (Ohio State University Hospitals)*, 4(2), 1982.
3. Baker PB, Zarbo RJ: Autopsy Report Adequacy. A CAP Q- Probes Quality Assurance Study (90-09A). College of American Pathologists, Northfield, IL, 1990.
4. Baker PB, Zarbo RJ: Autopsy Report Adequacy: Data Analysis and Critique. A CAP Q-Probes Quality Assurance Study (90-09A). College of American Pathologists, Northfield, IL, 1990.
5. Gephardt GN, Baker PB: Lung Carcinoma Surgical Pathology Report Adequacy. A CAP Q-Probes Quality Assurance Study (91-06). College of American Pathologists, Northfield, IL, 1991.
6. Gephardt GN, Baker PB: Lung Carcinoma Surgical Pathology Report Adequacy. Data Analysis and Critique. A CAP Q-Probes Quality Assurance Study (91-06). College of American Pathologists, Northfield, IL, 1992.
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9. Baker PB, Zarbo RJ: Autopsy Timeliness and Permit Adequacy. A CAP Q-Probes Quality Assurance Study (92-03). College of American Pathologists, Northfield, IL, 1992.
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14. Baker PB, Becker WS: Progressive multifocal leukoencephalopathy. CAP Autopsy Apex Program for Continuing Education (1992 AU-10). College of American Pathologists, Northfield, IL, 1992.
15. Baker PB: Lipomatous hypertrophy of the interatrial septum. CAP Autopsy Apex Program for Continuing Education (1993 AU-04). College of American Pathologists, Northfield, IL, 1993.
16. Baker PB: Floppy Mitral Valve. CAP Autopsy Apex Program for Continuing Education (1993 AU-10). College of American Pathologists, Northfield, IL, 1993.
17. Baker PB: Chronic rheumatic valvular disease. CAP Autopsy Apex Program for Continuing Education (1994 AU-06). College of American Pathologists, Northfield, IL 1994.
18. Baker PB: Uncovering the unexpected. CAP Today 9(3): 41-43, 1995.
19. Baker PB: Legionella pneumonia. CAP Autopsy Apex Program for Continuing Education (1995-AU-06). College of American Pathologists, Northfield IL, 1995.
20. Baker PB: Dilated cardiomyopathy. CAP Autopsy Apex Program for Continuing Education (1995-AU-08). College of American Pathologists, Northfield IL, 1995.
21. Baker PB: Right ventricular Dysplasia. CAP Autopsy Apex Program for Continuing Education (1996 AU-02). College of American Pathologists, Northfield, IL, 1996.
22. Baker PB, Lucas JG: Mesothelioma. CAP Autopsy Apex Program for Continuing Education (1996 AU-03). College of American Pathologists, Northfield, IL, 1996.
23. Baker PB: Pathology Section, USMLE Review Course, Princeton Reviews.
24. Baker PB, Nakhleh RE: Autopsy Result Utilization. A CAP Q-Probes Quality Assurance Study (95-09). College of American Pathologists, Northfield, IL, 1995.
25. Nakhleh RE, Baker PB: Autopsy Result Utilization: Data Analysis and Critique. A CAP Q-Probes Quality Assurance Study (95-09). College of American Pathologists, Northfield, IL, 1996.
26. Baker PB: Heart transplant rejection. CAP Autopsy Apex Program for Continuing Education (1996-AU-07). College of American Pathologists, Northfield, IL, 1996.
27. Baker PB: Hypertrophic cardiomyopathy. CAP Autopsy Apex Program for Continuing Education (1997-AU-01). College of American Pathologists, Northfield, IL, 1997.
28. Baker PB, Cottingham SL, Boesel CP: Wernicke's encephalopathy. CAP Autopsy APEX Program for Continuing Education (1997-AU-09). College of American Pathologists, Northfield IL, 1997
29. Baker PB, Sosolik R: Granulocytic sarcoma. CAP Autopsy APEX Program for Continuing Education (1997-AU-08). College of American Pathologists, Northfield IL, 1997.
30. Baker PB: Prosthetic valve endocarditis. CAP Autopsy APEX Program for Continuing Education (1998-AU-09). College of American Pathologists, Northfield IL, 1998.

PRESENTATIONS

A. National Meetings/Conferences

1. Pathology of the vulva and vagina, Perinatal Resources Inc. Comprehensive Review Course, Columbus, Ohio, October 22, 1982; October 15, 1983; October 13, 1984; November 14, 1985; October 19, 1986; October 20, 1987; November 25, 1988; October 29, 1989; October 28, 1990; October 25, 1991; October 6, 1992; October 14, 1993; October 22, 1994; October 12, 1995; October 9, 1996; October 8, 1997; October 5, 1998; October 5, 1999; October 15, 2000.

2. Cardiac Pathology: Current Concepts and Practice, College of American Pathologists Seminars, ASCP/CAP Fall Meeting, Washington DC, November 2, 1989.
3. Cardiac Pathology: Current Concepts and Practice, College of American Pathologists Seminars, ASCP/CAP Spring Meeting, San Francisco, March 28, 1990.
4. Cardiac Pathology: Current Concepts and Practice, College of American Pathologists Seminars, ASCP/CAP Fall Meeting, Dallas, October 24, 1990.
5. Autopsy Pathology: Case studies in performance and reporting, College of American Pathologists Seminars, ASCP/CAP Spring Meeting, Nashville, March 6, 1991.
6. Cardiac Pathology: Current Concepts and Practice. College of American Pathologists Seminars, New Orleans, September 21, 1991.
7. Autopsy Pathology: Case Studies in Performance and Reporting. College of American Pathologists Seminar, ASCP/CAP Spring Meeting, Boston, April 8, 1992.
8. New Medical Devices and Equipment for Prevention of HIV and Other Bloodborne Infections. College of American Pathologists Seminar, ASCP/CAP Spring Meeting, Chicago, March 29, 1993.
9. Autopsy Performance and Reporting: Cardiac Pathology. College of American Pathologists Seminar, ASCP/CAP Fall Meeting, Orlando, October 21, 1993.
10. Quality Improvement in Autopsy Performance and Reporting. College of American Pathologists Seminar, ASCP/CAP Spring Meeting, Seattle, April 12, 1994.
11. Benchmarks in Anatomic Pathology: The Literature on Q-Probes. College of American Pathologists Seminar, ASCP/CAP Spring Meeting, Orlando, April 24, 1995.
12. Quality Improvement in Autopsy Performance and Reporting. College of American Pathologists Seminar, ASCP/CAP Spring Meeting, Orlando, April 26, 1995.
13. Autopsy Performance and Reporting: Cardiac Pathology. College of American Pathologists Seminar, ASCP/CAP Spring Meeting, Boston, April 24, 1996.
14. Quality Improvement in Autopsy Practice: Case Studies from the Apex Program. College of American Pathologists Seminar, ASCP/CAP Spring Meeting, Chicago, April 9, 1997.
15. Pathology of Sudden Cardiac Death. University of Louisville, Department of Pathology (Invited Presentation), September 27, 1996.
16. Does the Autopsy Contribute to Quality Care Today? Kentucky Medical Association Meeting, Louisville, September 28, 1996.
17. Taking a Peek at Current Autopsy Practices Through the College of American Pathologists Q-Probes Studies, Kentucky Society of Pathologists, Louisville, September 28, 1996.
18. Autopsy Performance and Reporting: Case Studies in Cardiovascular Pathology, Kentucky Society of Pathologists, Louisville, September 28, 1996.
19. Autopsy Q-Probes Studies, Autopsy Best Practices meeting, Veterans Affairs, Denver, CO, September 30-October 1, 1998.
20. Autopsy Performance and Reporting: Cardiac Pathology. College of American Pathologists Seminar, ASCP/CAP Fall Meeting, Philadelphia, September 22, 1997.
21. Autopsy Safety; A comprehensive and practical approach. College of American Pathologists Seminar, ASCP/CAP Fall Meeting, Washington, DC, October 19, 1998.
22. Rediscovering the vital role of the autopsy in medicine. VA Medical Center, Phoenix, AZ, March 3, 1999 (invited presentation).
23. Quality improvement in autopsy practice: case studies from the APEX program. ASCP/CAP Spring Meeting, Orlando, April 10, 1999.
24. Autopsy performance and reporting: pathology of therapeutic interventions in cardiac disease. ASCP/CAP Fall Meeting, New Orleans, September 28, 1999.
25. Autopsy performance and reporting: pathology of therapeutic interventions in cardiac disease. ASCP/CAP Fall Meeting, San Diego, October 16, 2000.
26. Autopsy performance and reporting: Pathology of sudden cardiac death and related therapeutic interventions: ASCP/CAP Meeting, Philadelphia, October 21, 2001).
27. Renal pathology in septic diseases – selected cases. The Mayo Clinic, June 25, 2001.

28. Regionalization of hospital autopsies. ASCP/CAP Meeting, Philadelphia, October 21, 2001.
29. Pathology of cardiovascular devices. University of Rochester, Rochester, New York, April 10, 2002
30. Studies on hypoplastic left heart syndrome. Childrens Hospital of Philadelphia, May 23, 2007
31. Pathology of familial cardiac conduction system and myocardial disease due to mutation in the LMNA gene. Childrens Hospital of Philadelphia, May 23, 2007

B. Local Meetings/Conferences

1. Collagen in myxomatous mitral valves, Central Ohio Heart Chapter of American Heart Association Research Day, Columbus, Ohio, February 1, 1981.
2. Histologic study of calcific fibrotic mitral valves, Central Ohio Heart Chapter of American Heart Association Research Day, Columbus, Ohio, February 7, 1982.
3. Pathology of the vulva and vagina, Memorial Hospital, Marysville, Ohio, November 1984.
4. Myocardial degeneration in patients with chest pain and normal coronary arteries, Central Ohio Heart Chapter of American Heart Association Research Day, May 17, 1985.
5. Evaluation of anthracycline toxicity in endomyocardial biopsies, Children's Hospital Department of Pathology and Division of Hematology, June 3, 1985.
6. Pathology of prosthetic heart valves, Memorial Hospital, Marysville, Ohio, July 31, 1985.
7. The role of the autopsy in cardiovascular research, Ashland County Board of American Heart Association, Ashland, Ohio, May 20, 1986.
8. Differential diagnosis in rheumatic and floppy mitral valves, Central Ohio Society of Pathologists, October 14, 1986.
9. Advances in prevention of heart disease, Central Ohio Chapter of American Heart Association, Lancaster, Ohio, January 13, 1987.
10. Update on coronary artery disease, Ohio Medical Education Network, Presented daily April 4-April 8, 1988.
11. Myocardial ultrastructural morphometry in patients with chest pain and normal coronary arteries. Central Ohio Chapter of American Heart Association Research Day, May 13, 1988.
12. Hypersensitivity myocarditis: A case presentation and discussion, Central Ohio Society of Pathologists, October 12, 1988.
13. Quality Assurance in autopsy pathology, Central Ohio Society of Pathologists, February 16, 1989.
14. Fabry's disease: A case presentation and discussion, Central Ohio Society of Pathologists, October 11, 1990.
15. Amyloidosis: A clinical pathological conference, Doctor's Hospital North, March 3, 1991.
16. Current Concepts and Practice in Heart Disease. Ohio Society of Pathologists, Columbus, Ohio, September 19, 1992.
17. Medical and Forensic Autopsies. Ohio Medical Education Network (OMEN), October 7-October 11, 1996.
18. Pathology and repair of the mitral valve. Ohio Medical Education Network, (OMEN), September 21-24, 1998. Also broadcast on Insight (Coaxial Communications, Time Warner Communications and Americast January 6 and 10, 1999.
19. Finding answers: Alzheimer's and autopsy. The Alzheimer's Connection. 8th Annual Symposium by the Miami Valley Chapter of the Alzheimer's Association. Dayton, OH, November 19, 1999.
20. Autopsy Findings in Hospitalized Post-Trauma Patients. Central Ohio Trauma Foundation. Columbus, OH, January 19, 2000.
21. Pathology and management of congestive heart failure: Ohio Medical Education Network, October 3-6, 2000.
22. The value of autopsies in critical care medicine. Critical Care Nursing Association (of Central Ohio), October 11, 2000.
23. The value of autopsies in Alzheimer's disease. Central Ohio Alzheimer's Association, November 8, 2000.

24. The role of the coroner in pediatric trauma. 5th Annual Ohio Pediatric Trauma Symposium, Columbus OH, May 16, 2003.

C. Ohio State University

1. Dissecting aortic aneurysm: A case presentation and discussion, Ohio State University Cardiology Division Conference, September 18, 1982.
2. Pulmonary artery sarcoma: A case presentation and discussion, Ohio State University Hospitals Department of Medicine Grand Rounds, January 13, 1983
3. Fibrosarcoma with hypoglycemia: A clinical-pathological conference, Ohio State University Hospitals Department of Medicine Grand Rounds, August 25, 1983.
4. Polyarteritis Nodosa: A clinical-pathological conference, Ohio State University Hospitals Department of Medicine Grand Rounds, November 10, 1983.
5. Patterns of myocardial cell degeneration and necrosis, Ohio State University Hospitals, Department of Pathology, Seminars in Pathology, November 19, 1984.
6. Left atrial myxoma: A clinical-pathological conference, Ohio State University Hospitals Department of Medicine Grand Rounds, January 22, 1985.
7. Hypoplastic left heart syndrome: A clinical-pathological conference, Ohio State University Hospitals Department of Medicine Grand Rounds, February 26, 1985.
8. Prosthetic heart valve dysfunction: A case presentation and discussion, Ohio State University Cardiology Division conference, February 29, 1985.
9. Evaluation of myocardial ultrastructure in endomyocardial biopsies, Ohio State University Hospitals Cardiovascular Research Group, April 12, 1985.
10. The chordae tendineae in myxomatous mitral valves, Ohio State University Hospitals Division of Cardiology, July 25, 1985.
11. Electron microscopy of human cardiomyopathies, Ohio State University Hospitals Division of Cardiology, June 12, 1986.
12. Collagen degeneration in floppy mitral valve chordae tendineae, Ohio State University Hospitals Division of Cardiology, June 13, 1986.
13. Pathology of coronary arteries in sudden cardiac death, Ohio State University Department of Medicine, September 20, 1986.
14. Diagnosis of cardiac rejection after transplantation, Ohio State University Department of Medicine Grand Rounds, October 2, 1986.
15. Bazex's syndrome: A clinical-pathological conference, Ohio State University Department of Medicine Grand Rounds, August 6, 1986.
16. Surgical pathology of the heart, Ohio State University Department of Pathology, Seminars in Pathology, January 12, 1987.
17. Pathology of Peripheral vascular diseases, Ohio State University, Division of Peripheral Vascular Surgery, November 11, 1987.
18. Pathology of the heart in sudden cardiac death, Ohio State University, Department of Pathology, Seminars in Pathology, November 30, 1987.
19. Primary pulmonary hypertension: A clinical - pathological conference, Ohio State University Department of Medicine Grand Rounds, November 11, 1988.
20. Floppy mitral valve, Ohio State University, Department of Pathology, Seminars in Pathology, November 28, 1988.
21. Crohn's disease; A clinical-pathological conference, Ohio State University, Department of Medicine, Grand Rounds, February 16, 1989.
22. Morphometry of human dilated cardiomyopathy, Ohio State University, Cardiovascular Research Group, April 13, 1989.
23. Pathology of heart transplantation, Ohio State University, Division of Cardiology, December 1, 1989.

24. Fabry's disease: A clinical-pathological conference, Ohio State University, Department of Medicine, Grand Rounds, August 9, 1990.
25. Endocarditis: A clinical-pathological conference, Ohio State University, Department of Medicine Grand Rounds, July 13, 1991.
26. Pulmonary artery aneurysm: A clinical-pathologic conference, Ohio State University, Department of Medicine Grand Rounds, August 1, 1991.
27. Endomyocardial Biopsy Interpretation, Ohio State University, Department of Pathology, Seminars in Pathology. October 7, 1991.
28. Thyroid Lymphoma: A clinical-pathologic case discussion, Ohio State University, Department of Medicine, Grand Rounds, April 16, 1992.
29. The Autopsy, Ohio State University, Department of Surgery Grand Rounds, July 18, 1992.
30. Pulmonary adenocarcinoma and Paraneoplastic syndrome: A clinical-pathologic conference, Ohio State University, Department of Medicine Grand Rounds, July 23, 1992.
31. College of American Pathologist Q-Probes Autopsy Studies. Ohio State University, Department of Pathology Seminars in Pathology, November 30, 1992.
32. Adenocarcinoma of the Colon, Linitus Plastica Type: A Clinical-Pathological Conference. Ohio State University, Department of Internal Medicine Grand Rounds, April 15, 1993.
33. Heritable Cardiac Conduction System and Myocardial Disease: The Pathogenesis of Atrial Arrhythmias, AV Block, Sudden Cardiac Death and Dilated Cardiomyopathy. Ohio State University, Department of Internal Medicine Grand Rounds. September 30, 1993.
34. Pathology of Cardiac Sudden Death and Arrhythmias. Ohio State University, Department of Pathology Seminars in Pathology, October 25, 1993.
35. Pathology in the transplanted heart. Ohio State University, Division of Transplantation, November 17, 1993.
36. New insights into the pathology of ischemic heart disease. Ohio State University, Department of Pathology Seminars in Pathology, December 12, 1994.
37. Pathology of familial cardiomyopathy. Ohio State University, Division of Cardiology, March 7, 1995.
38. Hodgkin's Disease: A Clinical-Pathological Conference. Ohio State University, Department of Internal Medicine Grand Rounds, June 15, 1995.
39. Familial Heart Disease. Ohio State University, Department of Internal Medicine Grand Rounds, September 7, 1995.
40. HIV and Adenovirus Hepatitis: A Clinical-Pathological Conference. Ohio State University, Department of Internal Medicine Grand Rounds, October 26, 1995.
41. Lung Carcinoma and Myositis: A Clinical-Pathological Conference. Ohio State University, Department of Internal Medicine Grand Rounds, February 29, 1996.
42. Mesothelioma: A Clinical-Pathological Conference. Ohio State University, Department of Internal Medicine Grand Rounds, July 25, 1996.
43. Hepatocellular Carcinoma: A Clinical-Pathological Conference. Ohio State University, Department of Internal Medicine Grand Rounds, October 31, 1996.
44. Autopsy Case Presentations. Ohio State University, Department of Surgery Grand Rounds, November 21, 1996.
45. Autopsy Case Presentations; The Ohio State University, Department of Surgery, Grand Rounds, 1998.
46. Myeloidosis: A Clinical Pathological Conference. Ohio State University, Department of Internal Medicine Grand Rounds, April 22, 1999.
47. BOOP Overlap Autoimmune Disease: A Case Presentation and Discussion. Ohio State University, Department of Internal Medicine Grand Rounds, October 14, 1999.
48. Hepatitis C, Cryoglobulinemia and Polyarteritis-type Vasculitis: A Clinical Pathological Conference. Ohio State University, Department of Internal Medicine Grand Rounds, February 10, 2000.
49. The value of perinatal autopsies: case presentations. Grand Rounds, Ohio State University Department of Obstetrics and Gynecology, July 19, 2001.

50. Pathology of heritable cardiac and conduction system disease. HLRI Research in Progress seminar. Ohio State University, January 27, 2004.

D. Columbus Childrens Hospital

1. Adenovirus: A Clinical-Pathological Conference. Childrens Hospital Grand Rounds, December 5, 2002.
2. Pathology and surgical correction of congenital heart disease. Pathology Department Seminar, December 2, 2003.
3. Heritable Myocardial and Conduction System Disease. Children's Hospital Grand Rounds, April 8, 2004.
4. Kidney Biopsies in Children: Glomerular Diseases and Transplant Pathology. Pathology Department Seminar, June 29, 2005.
5. Pathology of Acute Rejection in Heart, Lung, Kidney and Liver Transplants. Transplantation Grand Rounds, February 21, 2006.
6. Topics in Lung and Kidney Transplantation. Seminars in Pathology (presented in conjunction with Todd Astor, M.D.), April 4, 2007.