



Louis Maximilian Buja, MD

APC Senior Fellow Since: 2015

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EDUCATION

Undergraduate Degree: B.S. in Biology, Magna cum laude, Loyola University of the South (1960-1963, degree granted in 1964). **Graduate/Professional Degree:** M.D., with honors, Tulane University School of Medicine (1963-1967); M.S. in Anatomy, Graduate School Tulane University (1965-1968). **Postgraduate Education:** Mixed Medicine Internship, Charity Hospital of Louisiana (1967-1968); Staff Associate, Section of Pathology, National Heart and Lung Institute (1968-1970); Resident in Pathology, Laboratory of Pathology, National Cancer Institute, National Institutes of Health (1970-1972);

Senior Investigator, Section of Pathology, National Heart and Lung Institute, National Institutes of Health (1972-1974). **Board Certification:** Anatomic Pathology, The American Board of Pathology (ID:1777), November, 1972; Recertified (Voluntary) January, 1997 and January 2007.

SERVICE

Service as Pathology Chair: Department of Pathology and Laboratory Medicine, The University of Texas Medical School at Houston, The University of Texas Health Science Center at Houston (1989-1996). **Leadership Roles Before, During, and After Service as Chair:** Association of Pathology Chairs, Council Member (1994-1996); Houston Society of Clinical Pathologists, President (1995-1996); International Society for Heart Research Council Member (1986-1995); Society for Cardiovascular Pathology President, 1987-1988 Texas Society of Pathologists President, 1998 President, The University of Texas Academy of Health Science Education (2005-2006); Executive Director, Houston Academy of Medicine/Texas Medical Center Library (2009-2006); Cardiovascular Pathology, Official Journal of the Society for Cardiovascular Pathology, Editor-in-Chief (2012-Present). **Other Academic Positions After Service as Chair:** Dean, The University of Texas Medical School at Houston, The University of Texas Health Science Center at Houston (1996-2003); Executive Vice President for Academic Affairs, The University of Texas Health Science Center at Houston (2003-2009).

AREAS OF PROFESSIONAL INTEREST

Research: Cell injury research involving experimental studies of the roles of membrane injury and electrolyte imbalance in the pathogenesis of cardiomyocyte hypoxic and ischemic injury; Clinicopathological studies of cardiovascular diseases, including atherosclerosis, ischemic heart disease, cardiomyopathies, valvular heart disease and congenital heart disease. **Clinical:** Staff Member and Chief, Autopsy Service; Cardiovascular Pathology Practice; Surgical pathology consultation; Myocardial biopsies from MD Anderson Cardiology; CV Pathologist for Department of Cardiothoracic and Vascular Surgery; CV Pathologist for Center for Advanced Heart Failure; CV Consultant for Harris County Institute of Forensic Sciences. **Educational:** Co-Chair, CV Working Group for planning new curriculum (2016-17); New Undergraduate Medical Curriculum (2016-Present): Lectures/Presentations Cell Injury (3 - 4

presentations), Inflammation (3-4 presentations), Cardiovascular pathology (7-8 presentations), Pulmonary pathology (2 presentations); Program Director, GSBS Pathobiology Course (2019-Present); Core Faculty Member, DPALM Residency Program since 1989; Program Director, Cardiovascular Pathology Fellowship, Texas Medical Board #503-48-14-48 (2013-Present): 2014-2015 Bihong Zhao, M.D., Ph.D. (Clinical CV Pathology Fellow), 2019-2200 Laura Lelenwa, MD (Clinical CV Pathology Fellow), 2020-2021 Noah Riley, DO (Clinical CV Pathology Fellow), 2022-2023 Michelle McDonald, DO (Clinical CV Pathology Fellow). **Mentoring:** Mentoring of faculty in the department, 22 graduate students and research fellow, 5 clinical cardiovascular fellows; APC senior fellows mentor-mentee program; Board of Society of 67; Conducted an Executive Leadership in Academic Affairs while EVPAA. **Current Interests:** Continue to pursue teaching, clinical practice and translational research as a full-time professor of pathology.

ACHIEVEMENTS

Honors and Awards: Beta Beta Beta (Loyola); Joseph Diaz Award for Excellence in Pre Medical Studies (Loyola); B.S., magna cum laude, Loyola University; Academic scholarship (Tulane); Alpha Omega Alpha (Tulane); Secretary-Treasurer, Gamma Chapter of Texas, UT Southwestern Medical Center at Dallas, 1984-1989; Secretary-Treasurer, Delta Chapter of Texas, UT Medical School at Houston, 1992-1995; Order of the Gold Tipped Stethoscope (Tulane); Borden Undergraduate Research Award in Medicine (Tulane); John Herr Musser Memorial Prize for the Best Thesis in Internal Medicine (Tulane); M.D., with honors, Tulane University; Fellow, American College of Cardiology, 1975; Teaching and Investigational Award, presented by the Cardiology Division, The University of Texas Southwestern Medical Center at Dallas, June, 1979; Donald W. Seldin Research Award, presented by the Cardiology Division, The University of Texas Southwestern Medical Center at Dallas, June, 1980; A.J. Gill Professorship of Pathology, 1981; American Society for Clinical Investigation, 1983; Fellow, Councils on Circulation (1988) and Clinical Cardiology (1992) American Heart Association; Sabbatical Fellowship of German Science Foundation, Pathology Institute (Prof. Dr. G. Krueger), University of Cologne, West Germany, July-August, 1988; Honorary Member, Italian Study Group for Cardiovascular Pathology, 1996; Harlan J. Spjut Award, presented by the Houston Society of Clinical Pathologists, April, 1997; Fellow, American Association for the Advancement of Science, 1997; Award of Merit, Society for Cardiovascular Pathology, 1998; Distinguished Chair in Pathology and Laboratory Medicine, 1995-2011; H. Wayne Hightower Distinguished Professor in the Medical Sciences, 2000-2004; Founding Fellow, International Society for Heart Research, 2001; Fellow, Council on Arteriosclerosis, Thrombosis, and Vascular Biology, American Heart Association, 2001; Inaugural Fellow, Council on Basic Cardiovascular Sciences, American Heart Association, 2001; Fellow, American Heart Association (F.A.H.A.), 2001; Fellow, International Academy of Cardiovascular Sciences, 2002; Chancellor's Health Fellow in Education, U.T. System (1st Fellow), (April) 2004-2006; George T. Caldwell, M.D. Distinguished Service Award, Texas Society of Pathologists, 2005; University of Texas Academy of Health Science Education Member, 2005-, President, 2005-2006; Distinguished Teaching Professor, The University of Texas System, 2007-; Outstanding Alumnus Award, Tulane Medical Alumni Association, 2008; Distinguished Achievement Award, Society for Cardiovascular Pathology, 2009; Founding Member, Academy of Master Educators, Medical School, UTHealth, 2009; UTHealth President's Scholar Award for Excellence in Teaching, 2014 (awarded May 2015); 50th Anniversary Lifetime Achievement Award, Tulane Medical School Class of 1967; Memorial Hermann Hospital Distinguished Physician Award, 2019. **Professional Achievements of Which You are Most Proud:** Productive research accomplishments while funded by NIH Ischemic SCOR (1974-1989); Leadership of the (now) McGovern Medical School during recovery from Tropical Storm Allison (disruption and \$200 million loss); Success of

my research and clinical trainees; Leadership of the Houston Academy of Medicine Texas Medical Center Library during transition from paper to electronic format; Continued scholarly productivity for over 50 years.

OUTSIDE INTERESTS

Hobbies: Golf; Study and enjoyment of wine; Reading - mostly history.