

A Brief Biography

Brian Marcus

Brian Marcus attended Claremont McKenna College and received his BA in Mathematics from Pomona College in 1971. He received his PhD in Mathematics in 1975 from the University of California at Berkeley under the supervision of Rufus Bowen. He was an IBM Watson Postdoctoral Fellow, Associate Professor of Mathematics at UNC Chapel Hill and Research Staff Member at the IBM Almaden Research Center. Since 2002, he has been Professor of Mathematics at the University of British Columbia, serving as Department Head from 2002 to 2007. He has held visiting and adjunct associate professor positions at UC Berkeley, UC Santa Cruz, and Stanford University and served as principal PhD supervisor for students at UNC Chapel Hill, UC Santa Cruz, Stanford University and UBC. He has published more than eighty research papers in ergodic theory, symbolic dynamics and information theory, co-authored “An Introduction to Symbolic Dynamics and Coding” (Cambridge University Press, 1995, 2nd edition, Cambridge Mathematical Library, 2021) with Doug Lind, and holds twelve US patents. He shared the 1993 Leonard J. Abraham Prize Paper award of the IEEE Communications Society with Paul Siegel and Jack Wolf, was an invited IEEE ISIT plenary speaker (1995), is an IEEE Fellow (1999), and AMS Fellow (2018). He served on the AMS Council (2003-2006), CMS Board of Directors (2015-2019), Interim Deputy Director of the Pacific Institute for the Mathematical Sciences PIMS (2016-2018) and is currently PIMS UBC Site Director.