

MIT MECH E

[News + Events](#) [People](#) [Academic Programs](#) [Research](#) [Prospective Students](#) [MechE Life](#)

[Home](#) > [People](#)

Derek Rowell

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Research Interests

Medical Imaging Technology; Computer Assisted Engineering.

Teaching Interests

System Dynamics, Control Theory; Biomedical Engineering.

Education

BE (1st class Hons) (Electrical), University of Canterbury, New Zealand, 1965
Ph.D.(Electrical Engineering), University of Canterbury, New Zealand, 1970

Positions Held

OSP Research Engineer 1973-1976
Assistant Professor, 1976-1979
Associate Professor, 1979-1992
Professor, 1992-present
ME Undergraduate Officer, 1992-1997
ME Admissions Officer, 2001-present
Chair, ME Academic Computing Committee, 1993-present
MIT Committee on Discipline (COD), 1997-present
Chair, MIT Committee on Discipline (COD), 2001-present

Recent Book

Rowell, D and Wormley, D. M. System Dynamics, an Introduction, Prentice Hall, 1996

Recent Software Packages

Maple Syrep - a symbolic system dynamics modeling and analysis package.
Available for download.

Honors and Awards

Graduate Student Council Teaching Award 1985
Den Hartog Distinguished Educator Award, 1990



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