

## ***John D Charlton***

Felda, FL

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*CV- 2019*

Born January 1, 1948 - Fort Lauderdale, FL

1955-62 Key Biscayne Elementary School Miami, FL

1962-67 Labelle High School - Labelle, FL  
Football, Basketball runners up state champions, 1967

1967-70 AA, Broward Community College, Fort Lauderdale, FL

1970-72 BSES, University of Florida, High Honors

1972-78 Ph.D., Biomedical Engineering, University of Virginia

1978-79 Postdoctoral Research Associate, University of Geneva, Geneva, Switzerland

1979-89 Research Assistant Professor, University of North Carolina, Chapel Hill, NC

1989-95 Research Associate Professor, University of North Carolina, Chapel Hill, NC

1995-2005 Charlton Computer Consulting, Software design and development

2005-15 Tyco Electronics, Software Systems Engineer, embedded machine control, ultrasound crimp quality analysis and fault detection

2015-present Charlton Computer Consulting, web design/development, bluetooth sensor design/development

Other Activities: Commercial/instrument pilot

Recreations: Reading, spiritual philosophy, completed 5 marathons

### Publications:

Charlton, J.D. and A.J. Baertschi. Responses of aortic baroreceptors to changes of aortic blood flow and pressure in rat. Am. J. Physiol. 242(4):H520-5, 1982.

Charlton, J.D., R.N. Johnson, N.E. Pederson, and J.D. Mann. Cerebrospinal fluid dynamics in the rat: Analysis of steady-state response to sinusoidal input, Annals of Biomed. Eng., 11:551-561, 1983.

Langer, A.W., J.S. Hutcheson, J.D. Charlton, J.A. McCubbin, P.A. Obrist and C.M. Stoney. On-line minicomputerized measurement of cardiopulmonary function on a breath-by-breath basis. Psychophysiology, 22:50-58, 1985.

Charlton, J.D., H.A. Guess, J.D. Mann, H.T. Nagle, and R.N. Johnson, A pressure controller for estimating parameters for a nonlinear CSF model, IEEE Trans. Biomed. Engr. 35:752-755, 1988.

(more on request)

### Patents:

Docket: E-AV-00662; Crimping Apparatus Having a Crimp Quality Monitoring System; Patent Number: 2649687

### LinkedIn Profile:

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