Emeritus Professor:
Electrical & Computer Engineering;
Neuroscience
Emeritus Adjunct Professor:
Material Science & Engineering;
Philosophy

Past Associate Director: MRC Institute 1996-2011
Past Director: Graduate Program in Neuroscience
Past Affiliate: Dept. of Physiology & Biophysics,
University of Washington School of Medicine
Director: Wells Laboratory for Computational
Neuroscience & Mental Physics
Past Associate Chair: Electrical & Computer Engineering

Retired Registered Professional Engineer (Idaho)
Past Senior Member IEEE
Life Member Sigma Xi
B. S. 1975, Iowa State (Electrical Engineering)
M.S. 1978, Stanford (Electrical Engineering)
Ph.D. 1985 University of Idaho

Employment History

- 1975-1986 Development Engineer, The Hewlett Packard Company
- 1986-1989 Project Leader, The Hewlett Packard Company
- 1989-1991 Production Engineering Manager, The Hewlett Packard Company
- 1991-1993 Project Manager (R&D), The Hewlett Packard Company
- 1993-2013 Faculty Member, The University of Idaho. Emeritus 2013

Publication Record

- Refereed Journal and Conference Papers: 68
- Professional Meeting Papers: 12
- Patents: 4
- Textbooks: 1

On-Line Books: 22
On-Line Papers & Tutorials: 42
Other papers/presentations: 32
Total all types: 181

Graduate Students Supervised: 48
Other Graduate Student Committees: 73

Professional Interests

- Development of social-natural sciences
- Public education
- Mathematical & computer modeling of systems
- Mathematical & computer modeling of neuron physiology
- Theory of biological neural networks and mind-brain theory
- Neural networks and Embedding Field Theory
- Set Membership Theory
- Biological and Adaptive Signal Processing
- Kant's Critical Philosophy and the Critical Theory of the Phenomenon of Mind

Classes and Teaching

- Undergraduate and graduate electronics
- Undergraduate and graduate signal processing & systems theory
- Undergraduate and graduate coding and information theory
- Communication and Control Systems Theory
- Biological Signal Processing

home page address: http://www.mrc.uidaho.edu/~rwells/

web publications: http://www.mrc.uidaho.edu/~rwells/techdocs

VIVO Link at UI Library: http://vivo.nkn.uidaho.edu/vivo/display/n89636