BIOGRAPHICAL SKETCH

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David Rigney received a Bachelor of Arts degree in a general studies program (Plan II) from the University of Texas at Austin, graduating summa cum laude with special honors in physics. He then studied biology and medicine for two years at the University of Texas Medical School at San Antonio in the physiology/bioengineering graduate program, before returning to the University of Texas at Austin to enter the graduate program in physics. After completing coursework in physics, he did his graduate research in chemical biophysics at the University of Brussels (Belgium) as a C.R.B. Advanced (Hoover) Fellow at the Solvay Institute. While there, his sponsoring professor, Ilya Prigogine, won the Nobel Prize in chemistry.

After receiving a Ph.D. in physics, Dr. Rigney completed a postdoctoral fellowship in biophysics at the Institute for Cancer Research in Philadelphia with Thomas F. Anderson, who was then chief of the genetics section of the National Academy of Sciences. Dr. Rigney remained at the Institute for Cancer Research as a staff biophysicist for six more years. He then moved to Harvard University as Assistant Professor of Medicine, with an additional appointment at M.I.T. in the Harvard/M.I.T. Division of Health Sciences and Technology.

In 1995, Dr. Rigney and his father founded an Austin-based company, GENETWORKS Inc., to perform research and development at the interface between the physical and biological sciences, funded by an NIH grant. Two years later, Dr. Rigney moved to Austin to work full time for GENETWORKS Inc., where he is Vice-President for Research and Development. He has published widely in the areas of cell and molecular biology, biomedical instrumentation, mathematical modeling of biological systems, cardiovascular and integrated systems physiology, digital image processing, and time series analysis, particularly applications of non-linear dynamics to physiological time series.