


## RESEARCH TEAM

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Education	<p>Ph.D.      University of California at Los Angeles</p> <p>M.A.      University of California at Los Angeles</p> <p>B.A.      University of California at Los Angeles</p>	
Biomedical Research Experience	<p><b>Professor of Biostatistics</b>, University of California at Berkeley, School of Public Health, 1977-Present.</p> <p><b>Associate Professor</b>, University of California at Berkeley, School of Public Health, 1971-77.</p> <p><b>Associate Professor of Medicine &amp; Mathematics</b>, University of California at Irvine, 1968-70.</p> <p><b>Associate Professor of Biostatistics</b>, University of Michigan, 1967.</p> <p><b>Assistant Professor of Biostatistics</b>, University of Michigan, 1964-66.</p>	
HIV/AIDS Experience	M/0031/0017 and M/0031/0021 AIDS Data Safety Monitoring Board for Upjohn and U.S. Federal Food and Drug Administration. (clinical trials for protease inhibitors (PIs))	
HIV/AIDS Publications	Tarter, M. E., Lock, M. D., & Morrison, F. R., (1994). Nonparametric conditional estimation applied to AIDS research, <i>Computing Science and Statistics- Proceedings of the 25th Symposium on the Interface</i> (Eds. Tarter, M.E.; Lock, M.D.), American Statistical Association, Alexandria, Virginia, pp. 63-71.	
	Morrison, F. R., Tarter, M. E., Mellin, C., & Lock, M. (under review). Sex and race differences among transfusion associated cases of AIDS.	
Biostatistics Publications	Tarter, M.E. (Jan, 2000). <i>Statistical Curves and Parameters – Choosing an Appropriate Approach</i> . A K Peters, Ltd.: Natick, MA.	
	Tarter, M.E., (Jan, 1998). Fourier Series Curve Estimation and Antismoothing. In Kotz, S. (Ed.) <i>Encyclopedia of Statistical Sciences, Update Volume 2</i> . NY: Wiley (pp. 263-269).	

Biostatistics Publications (con't)	Tarter, M.E., Hill, M.D. (1997). On Thresholds and Environmental Curve Tensiometers. <i>Ecological and Environmental Statistics</i> , 4, 283-299.
	Tarter, M.E., Ray, R.M., Lock, M.D.(1995). Conditional Switching: A New Variety of Regression with Many Potential Environmental Applications. <i>Environmental Health Perspectives</i> , 103, 748-755.
	Tarter, M.E., Lock, M.D., Ray, R. M. (1995). A New Variety of Regression. In P. Zannetti (Ed.) <i>Computational Methods and Environmental Applications Computer Techniques in Environmental Studies V, Vol. II: Environmental Systems</i> . Southhampton: Computational Mechanics Publications, pp 331-341.
	Tarter, M.E., Lock, M.D., & Morrison, F.R. (1994). Nonparametric conditional estimation applied to AIDS research. <i>Computing Science and Statistics-Proceedings of the 25<sup>th</sup> Symposium on the Interface</i> , M.E. Tarter & M.D. Lock (Eds.). American Statistical Association, Alexandria, Virginia, pp 63-71.
	Tarter, M.E., & Lock, M.D. (1993). Model-free curve estimation. Los Angles: Chapman and Hall. <i>Monographs on Statistics and Applied Probability</i> , 56.
	Tarter, M.E., & Lock, M.D. (1991). Model-free curve estimation: Mutuality and Disparity of approaches. <i>Journal of Official Statistics</i> , 7, 58-72.
	Lock, M.D., Tarter, M.E., & Mellin, C.C. (1991). Variance-reducing kernels for mixture decomposition. <i>Computing Science and Statistics-Proceedings of the 21<sup>st</sup> Symposium on the Interface</i> , J. Kettering (Ed.). American Statistical Association, Alexandria, Virginia, pp 356-359.
	Ray, R, Tarter, M.E., & Lock, M.D. (1991). Mixing Parameter Regression Applied to Groundwater Contaminant Flow. <i>Computing Science and Statistics-Proceedings of the 21<sup>st</sup> Symposium on the Interface</i> , J. Kettering (Ed.). American Statistical Association, Alexandria, Virginia.
	Tarter, M.E., Freeman, W., & Polissar, L. (1990). Applications of modular nonparametric subsurvival estimation. <i>Journal of American Statistical Association</i> , 85, 29-37.
	Tarter, M.E., & Freeman, W. (1989). On graphing estimated distributions using modified scatter diagrams. <i>Computational Statistics and Data Analysis</i> , 7, 51-67.
	Tarter, M.E., & Lock, M.D. (1988). modular nonparametric approach to model selection. <i>Computing Science and Statistics-Proceedings of the 20<sup>th</sup> Symposium on the Interface</i> , E.J. Wegman, D.T. Gantz & J.J. Miller (Eds.). American Statistical Association, Alexandria, Virginia.
	Tarter, M.E., & Freeman, W. (1987). A graphical procedure for distinguishing between two data analysis pitfall. <i>Communications in Statistics: Simulation and Computation</i> , 6, 427-237.