

Biographical Sketch: David R. Rogosa
see <http://www.stanford.edu/~rag/>

A. David Roth Rogosa
School of Education
485 Lasuen Mall
Stanford University
Stanford, California 94305

Education:

A.B. Physics, Princeton University, 1972
M.S. Statistics, Stanford University, 1974
Ph.D. Education, Stanford University, 1977
Major: Mathematical Methods in Educational Research
Minor: Evaluation

Credentials:

New Jersey Secondary School Teaching Credential in Mathematics, 1973-
New Jersey Secondary School Teaching Credential in Physical Science, 1973-

B. Positions Held

9/85 - Associate Professor, School of Education, Stanford University and, by courtesy, Department of Statistics, Stanford University (9/87 -) and, by courtesy, Division of Biostatistics in the Department of Health Research and Policy, School of Medicine (9/90 -).

9/87 - 8/88. Fellow, Center for Advanced Study in the Behavioral Sciences, 1987-88.

9/80 - 8/85. Assistant Professor, School of Education, Stanford University.

1/77 - 8/80. Assistant Professor, Department of Education, The University of Chicago.

1975. Summer Research Fellow, Educational Testing Service, Princeton, New Jersey.

Other Professional Experience:

Consultant and Advisory Group Member, California Department of Education Policy and Evaluation Division, Statistical Properties of the Academic Performance Index. July 2000 -

Member, Technical Study Group, Standards and Assessment Division, California State Department of Education, 1995 - 2000; previously, Technical Advisory Committee, California Learning Assessment System (and California Assessment Program), California State Department of Education, 1978-1995.

Consultant, Virtual Collaborative Learning, Sun Microsystems Laboratories, 1998.

Member, California Accountability Index Task Force (1989 - 1990), and Consultant, California School Performance Report. Research, Evaluation and Technology Division, California State Department of Education, 1990-93

Consultant, Dropout Assistance Demonstration Program, American Institutes for Research, 1989-93

Consultant, Longitudinal Study of Chapter 1, U.S. Department of Education, 1988-89.

Consultant, National Longitudinal Transition Study of Special Education Students, SRI International, 1986-88.

Consultant, Longitudinal Study of Immersion Programs for Language Minority Children, U. S. Department of Education, 1987-88.

Member, Longitudinal Research Steering Committee, National Institute on Aging, National Institute of Mental Health, Foundation for Child Development, 1984-88.

C. Selected Publications

- Rogosa, D. R. (1980). Comparing nonparallel regression lines. *Psychological Bulletin*, 88, 307-321.
- Rogosa, D. R., Brandt, D., & Zimowski, M. (1982). A growth curve approach to the measurement of change. *Psychological Bulletin*, 92, 726-748.
- Rogosa, D. R., & Willett, J. B. (1983). Comparing two indices of tracking. *Biometrics*, 39, 795-6.
- Rogosa, D. R., Floden, R. E., & Willett, J. B. (1984). Assessing the stability of teacher behavior. *Journal of Educational Psychology*, 76, 1000-1027.
- Rogosa, D. R., & Willett, J. B. (1985). Satisfying a simplex structure is simpler than it should be. *Journal of Educational Statistics*, 10, 99-107.
- Rogosa, D. R., & Willett, J. B. (1985). Understanding correlates of change by modeling individual differences in growth. *Psychometrika*, 50, 203-228.
- Rogosa, D. R. (1987). Casual models do not support scientific conclusions: A comment in support of Freedman. *Journal of Educational Statistics*, 12, 185-195.
- Rogosa, D. R., and Ghandour, G. A. (1991). Statistical models for behavioral observations (with discussion). *Journal of Educational Statistics*, 16, 157-252.
- Rogosa, D. R. (1993). Individual unit models versus structural equations: Growth curve examples. In *Statistical modeling and latent variables*, K. Haagen, D. Bartholomew, and M. Diestler, Eds. Amsterdam: Elsevier North Holland, 259-281.
- Rogosa, D. R., and Saner, H. M. (1995). Longitudinal data analysis examples with random coefficient models. *Journal of Educational and Behavioral Statistics*, 20, 149-170.
- Rogosa, D. R. (1995). Myths and methods: "Myths about longitudinal research," plus supplemental questions. In *The analysis of change*, J. M. Gottman, Ed. Hillsdale, New Jersey: Lawrence Erlbaum Associates, 3-65.