

(CLARK) JAMES SCHEIRER

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Senior health-sciences researcher and administrator, with more than 30 years of experience in the preparation, administration, and scientific review of biomedical research grants and contracts in the federal, medical school, and university environments. Has worked with a broad variety of clients, including undergraduate and graduate students, medical residents and fellows, and senior university and medical school faculty on the preparation of applications for federal, foundation, and private support, and on statistics and research design.

Dr. Scheirer has expertise in the areas of:

- Grantsmanship – including reviewing proposals prior to NIH, foundation or agency submission;
- Advising on the federal grants process, including connecting to NIH officers;
- Advising on IRB submissions;
- Statistics and research design

Dr. Scheirer's experience includes positions as a senior administrator at the National Institutes of Health (NIH), Associate Dean for Clinical Research at Robert Wood Johnson Medical School (UMDMJ), and tenured Associate Professor of Psychology at SUNY-Binghamton (now Binghamton University). In addition to his experience in areas related to research support, he has graduate and post-doctoral training in statistics and research design. He taught graduate level courses in research design and analysis (especially related to clinical trials) and in multivariate analysis. He has published methodological articles in peer-reviewed journals.

A Cognitive Psychologist and Statistician by training, Dr. Scheirer has published broadly in both areas. He is knowledgeable in a broad range of the biomedical sciences and has helped to apply biostatistical methods across a spectrum of disciplines. He has a broad understanding of the federal system of grant funding in several agencies. With more than 20 years of experience at NIH, he has developed an extensive network of contacts within the NIH system.

PROFESSIONAL EXPERIENCE

2006 – Present Independent Consulting

Consulting in the areas of grantsmanship (including liaison with sponsors of funded research and Institutional Review Boards), biostatistics, and clinical trials

2001-2005 Robert Wood Johnson Medical School (RWJMS), University of Medicine and Dentistry of New Jersey (UMDNJ) Associate Dean for Clinical Research, Associate Professor of Medicine, and Associate Professor of Surgery.

2006 – Present Associate Professor of Medicine (Adjunct)

Responsible for fostering research in clinical, translational, and patient-oriented research for RWJMS. Worked with medical students, fellows, and faculty to develop individual and collaborative research proposals for submission to federal, foundation, and non-profit organizations. Was a member of the Executive Committee of the RWJMS Institutional Review Board. Lectured and consulted in biostatistics and grantsmanship.

1979-1981, 1984-2001 National Institutes of Health (NIH) Deputy Director, Division of Extramural Affairs (DEA), National Heart, Lung, and Blood Institute (NHLBI) 1993-2001 Chief, Review Branch, NHLBI 1989-2000 Chief, Contracts, Clinical Trials, and Training Review Section, NHLBI 1987-1989 Grants Associate, Center for Scientific Review (CRS), 1978-1979. Scientific Review Administrator (SRA), National Institute of Mental Health (NIMH) 1980-1981, and NHLBI 1979-1980, 1984-1989.

As Chief, Review Branch, NHLBI, I coordinated, supervised and implemented the scientific review of research grant applications and contract proposals for the entire Institute. I directly supervised thirteen doctoral staff and fifteen support staff and developed and implemented policies and procedures related to grant review.

As Deputy Director, DEA, NHLBI, I had responsibility for scientific liaison with the NHLBI Advisory Council, and for the implementation and development of policy related to the administration and review of research grants and contracts (including financial administration).

As a Scientific Review Administrator (SRA) at NIMH and NHLBI, I was responsible for the scientific review of a portfolio of grant and contract applications.

The Grants Associate program was a highly competitive one-year professional development program designed to develop experienced research scientists into NIH program officials. Ten individual were selected yearly from several hundred applicants.

**1981-1984 American Psychological Association.
Educational Affairs Officer**

A senior administrative position with the largest professional association of psychologists in the U.S. Responsible for developing and implementing policy of the Association in matters related to the education and training of Psychologists. Supervised a staff of nine.

**1970-1978 State University of New York (SUNY) at Binghamton (now
Binghamton University)
Assistant to Associate Professor (with tenure), Department of Psychology.
Director of Academic Evaluation, 1976-1978.**

Taught undergraduate and graduate courses in Cognitive Psychology and in Statistics (including analysis of variance, non-parametric statistics, and multivariate analysis). Within the Department of Psychology, I was Director of Graduate Training (1977-1978), a member of the Faculty Senate and a member of the Institutional Review Board (IRB). As Director of Academic Evaluation, I supervised the University Testing Center and performed various evaluation studies related to academic programs.

Other positions held

Professor of Family and Child Studies (Adjunct), Virginia Tech (1985-1994)
Professor of Health Education (Adjunct), University of Maryland (1989-1994)
Operations Research Analyst, Department of Justice, Office of Research and Evaluation Methods (1978-1979)
Peace Corps Volunteer Leader, (1964-1966), Lanao Provinces, Philippines
Peace Corps Volunteer (1963-1964), Marawi City, Philippines.

Education: B.S. Mathematics, MIT (1963); Ph.D. Psychology, U. Pittsburgh (1970)

Professional Development and Contributions:

Fellow, American Heart Association
Fellow, American Psychological Society
Member, National Academy of Sciences Panel on “*Capturing the Full Power of Biomaterials for Military Medicine*” (2004-2005).
Member, Editorial Board, *Evaluation Review*, (1978-1982)
Member (1994-1996) and Co-chair (1996-1997), American Heart Association Epidemiology and Prevention Study Section
National Science Foundation Faculty Fellow, 1977-1978
Ad hoc reviewers for numerous journals and grant review panels.

PUBLICATIONS¹:

9 books and monographs co-edited (primary editor on 4), including:

G. Stanly Hall Lectures, Vol. 2 - 5. American Psychological Association.
Methodological Issues in Worksite Research, Conference Proceedings, NIH, 1988.
Master Lecture Series, Vol. 3 – 4, American Psychological Association.

16 peer reviewed papers in the area of human memory and cognition (corresponding author on 12), including:

Scanning for similar and different material in short- and long-term memory. **Journal of Experimental Psychology**. 1974, 102, 343-346.
The effect of imagery on accessibility and availability in a short-term memory paradigm. **Journal of Verbal Learning and Verbal Behavior**, 1975, 14, 523-533.
Delay of gratification, locus of control, and eating patterns in obese and non-obese children. **Addictive Behaviors**, 1981, 6, 9-14.

12 peer reviewed papers on statistical issues (corresponding author on 11), including:

Signal Detection theory: Consideration for general application. **Psychological Bulletin**, 1974, 81, 945-958.
The application of specific comparisons to the Kruskal-Wallis ranks test. **Biometrics**, 1976, 32, 429-434.
An analysis of the Rathus assertiveness schedule: A consideration of factor analytic methodologies. **Behavior Therapy**, 1982, 6, 23-43.

Principal Investigator on 6 funded peer-reviewed grants and individual awards.

¹ **NOTE: Between 1984 and 2001, Dr. Scheirer was a senior NIH official in the Review Branch of the National Heart, Lung, and Blood Institute. Because of the potential for conflicts of interest with applications pending review, Dr. Scheirer was not permitted to publish collaboratively with academic collaborators.**