

## Robert A. Parker, ScD, CStat

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**Education:** Doctorate in Biostatistics, Harvard School of Public Health

### **Experience in academic medical research institutions:**

Approximately 20 years, collaborating with medical investigators in a variety of specialty areas. Major research areas have included endocrinology, infectious diseases (primarily AIDS/HIV), nephrology and pediatrics. Primary focus is on randomized prospective studies. Experience includes animal models, Phase I dose finding studies and Phase II/III randomized clinical trials. Activities include:

- **Grant preparation** (including statistical director on >\$20 M direct cost funded grant and director of biostatistics core of funded projects);
- **Implementation of funded projects;**
- **Analysis and publication** of results;
- **Developed biostatistics consulting group;**
- **Focused teaching**, e. g., CME seminar series for investigators.

**Experience in government agencies:** approximately 7 years, consulting with internal investigators. Activities include:

- **Design, implementation, analysis and publication** of multiple multi-center clinical trials and epidemiological studies;
- **Internal statistical adviser** on major cohort study, advising approximately 20 other statisticians on statistical methods and study issues.

**Experience in industry:** approximately 3 years, as internal consultant to over 120 other statisticians across the company

- **Direct advice** on 50+ projects per year focusing on improving study feasibility, scientific validity, and statistical rigor. Primary focus was on the initial design of studies and the development of study concept documents and subsequent protocols in several specific therapeutic areas
- **Supported FDA / EMEA submissions** and development of other briefing books submitted to FDA for review panels; one suggestion led to a briefing book being completely revised and simplified

**Publications:** Over 160 scientific publications, including articles in AIDS, Annals of Internal Medicine, JAIDS, JAMA, Journal of Clinical Endocrinology and Metabolism, Journal of Immunology, Journal of Infectious Diseases, Journal of Pediatrics, Journal of Virology, Kidney International, NEJM, Pediatrics, PNAS, Vaccine, Virology. Approximately 10% of articles are statistical / methodology papers including Biometrics and Statistics in Medicine.

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