

Philip S. Borba

PhD
Principal, Senior Consultant



CURRENT RESPONSIBILITY

Philip is a principal and senior consultant in the economics consulting practice of Milliman. He joined Milliman's New York office in 1989.

EXPERIENCE

Prior to joining Milliman, Philip was an assistant vice president in the economics research department of the National Council on Compensation Insurance. He has worked extensively on the development and analytics of large databases and the application of economic and financial models to property and casualty insurance issues.

Data Mining and Predictive Analytics. Philip has been working with data-mining and insurance analytics companies to develop software that processes, organizes, and performs analytics on unstructured insurance data. The free-form text data has included claim adjuster notes, diary notes, auditor notes, notes attached to payment transactions, and reports from external sources. Philip has developed techniques that enable clients to score and rank claims for, among other outcomes, claim segmentation, claim triage, and recovery potential. The data processed through the software cover the major lines of property-casualty insurance lines, including personal and commercial automobile, homeowners, workers compensation, and general liability.

Data Management and Analytics for Large Databases. Philip has worked extensively on the development and analysis of large databases for property-casualty insurance industry applications. He has been the project manager for an assignment with a leading national research organization to assemble data from more than 20 property-casualty insurers, third-party administrators, and medical bill review firms.

For several other assignments, Philip has performed similar projects for individual national and regional workers compensation insurers, employer associations, and workers compensation state funds. He has also completed similar projects for other lines of insurance, including private passenger automobile, homeowners, general liability, crop, and life.

Presentations. On several occasions, Philip has made presentations at public seminars and conferences sponsored by the Casualty Actuarial Society, the Society of Actuaries, and other insurance organizations on matters concerning text-mining (eg., text-mining, data analytics, and the association between cell phone use and automobile accidents), cost of capital, and workers compensation public policy issues (eg., preauthorization for medical care and use of medical treatment guidelines).

Publications. Philip has been a co-author for research studies completed by Milliman, Inc. concerning the estimated costs of Hepatitis-C claims on workers compensation insurance programs and the potential economic impacts of pandemic influenza on individual employers. Philip has been a co-author with a national research organization on four studies concerning workers compensation insurance, including the impacts of preauthorization of medical care, permanent partial beneficiaries, return-to-work outcomes, and the impact of provider choice laws and network involvement on workers compensation medical costs.

EDUCATION

- BA (with honors), Economics, University of California at Berkeley
- MS, Labor Economics, Cornell University
- PhD, Labor Economics, Cornell University

