A. Paul Durham 4619 Maytime Lane, Culver City, CA 90230 • 310.837.6638 • cell: 323.802.3117

APaulDurham@gmail.com • APaulDurham.com • linkedin.com/in/APaulDurham • page 1 of 7

Articulate, resourceful, innovative statistician and medical / biotech writer

Career Summary

In vitro diagnostics / medical devices professional — an effective communicator with managerial, regulatory (FDA submission) and clinical laboratory experience, and a nearly unique range of technical expertise for engaging with all *quantitative* aspects of immunoassay and clinical chemistry systems: development (optimization), validation, manufacturing, QC, technical support, clinical interpretation.

• Contributing (**1**) statistical analysis, data mining, insightful technical graphics, (**2**) medical writing, publications and presentations, both customer-facing and internal — manifesting the highest standards of clarity, resonance and scientific / statistical rigor, always mindful of audience and issue, the IVD industry's challenging pace, long-term company goals, regulatory demands, customer and patient needs.

• Recognized for expertise in performance evaluation; on Clinical Laboratory and Standards Institute (CLSI, formerly: NCCLS) subcommittees. Presented workshops and roundtables at Clinical Ligand Assay Society (CLAS) meetings.

• Introduced state-of-the-art methods for age-related reference ranges and precision profiles — algorithms and S-Plus scripts, backed by white papers, poster presentations, tutorials.

• Published articles in peer-reviewed journals and company newsletters. Presented on medical and technical topics at clinical laboratory symposia in Europe, South America and the US. Lectured internally on practical statistical applications: precision profiles, calibration, robust centile estimation, regression methods for data impacted by measurement error.

Professional Experience

Siemens Healthcare Diagnostics Los Angeles, 2006 – 2010

SHDx acquired DPC in 2006. In June 2010, SHDx shut down all Los Angeles-based IMMULITE R&D support.

Senior Biostatistician / R&D

The acquisition occasioned a major shift in priorities: from medical writing and customer-facing publications to full-time statistical and data-mining support for R&D, Validations, Manufacturing, QC, and Global Product Support.

• Actively contributed towards CLSI performance evaluation guidelines—EP5, EP9, EP15, EP17, EP26, C51 subcommittees—for the benefit of patients, clinical labs, the FDA and manufacturers: establishing and verifying precision; method comparison; sensitivity landmarks (LoB, LoD, LoQ, functional sensitivity); lot-to-lot bias; measurement uncertainty.

• Developed / applied complex, integrated database queries and S-Plus scripts yielding realistic process capability summaries for 35 quantitative and 11 qualitative analytes on three IMMULITE platforms — a total of 124 assays in 16 time-critical waves of manufacturing transfer to Wales. Subjected these analyses to continual improvement thereafter.

• Rendered essential statistical guidance and well-documented data analytical support for core teams and scientists during assay development, validation and regulatory submission — for unconjugated estriol (uE3), erythropoietin (EPO), free T4, procalcitonin (PCT), progesterone and PSA assays, among others, and for the IMMULITE 2000 XPi system.

• Redesigned and harmonized the IMMULITE LoB, LoD and precision experiments. Developed software for automating data flow, diagnostics and analysis — ensuring data integrity, reliable summaries, greatly reduced time and rework.

• Supported QC, Tech Ops and GPS — first locally, then remotely — by applying data-mining, robust variance decomposition and precision profiling to internal (QC), external (real-time end-user) and proficiency survey data, thereby generating definitive models for fundamental, assay-specific performance characteristics, as a basis for assessing compatibility with total error goals and IFU claims, setting QC specs, and identifying lot-to-lot shifts.

• Composed / presented PowerPoint tutorials for site-wide education on relevant — useful, readily applicable — statistical topics, including alternative bivariate regression methods, robust techniques and software tools.

• Contributed to Global Product Support (GPS) by analyzing / reconciling international reference range studies (IGF-I, free T4). Participated on trouble-shooting teams and in discussions with major reference labs.

Diagnostic Products Corporation Los Angeles, 1978 – 2006

Leading independent manufacturer of automated immunoassay systems and assays (IMMULITE).

Director of Scientific Publications

• Managed a department of medical and technical writers creating customer-facing documents on the clinical applications and performance evaluation of DPC immunoassays — IFUs, newsletters, technical reports, slide presentations, CD & website content, abstracts, poster presentations, journal articles.

• Successfully handled all aspects of FDA submissions for PTH and quantitative microalbuminuria immunoassays.

• As a CLSI EP5 subcommittee member, tenaciously championed precision profiles and robust techniques.

• Performed age- or gestational age-related reference range analyses for PSA, IGF-I, IGFBP-3, hCG and unconjugated estriol using both parametric and novel adaptive local regression methods; analyzed major multivariate, multisite tumor marker and reproductive endocrinology studies (menstrual cycle, pregnancy, postmenopausal reference values).

• Conducted CLAS workshops — on precision profiles, 4PL curve fitting, QC, data analysis — and many roundables.

• Lectured at endocrine society, medical technology and other conferences — e.g., "Probing the GH-IGF axis: laboratory support for growth disorders" and "Beyond reference intervals: interpretive frameworks for immunoassay" (37º Congresso Brasileiro de Patologia / Clinica Medicina Laboratorial, 2003).

• Programmed database structures and user interface for DPC's MILENIA: a semi-automated plate reader system.

• Coded web-based calculators for free and bioavailable testosterone, supported by poster presentations and reports.

• Implemented, automated and promoted Ekins and Sadler precision profiling methods, applying them to internal kit release, end-user QC and external proficiency testing data.

• Wrote text filters — for Medline / PubMed, IFUs, proficiency surveys — to streamline data flow across linked analyses.

• Published articles in Clin Chem, JCLI and elsewhere. Supported outside authors with statistics, graphics, prose, editing.

• Researched / composed technical, customer-facing essays on ectopic pregnancy; polycystic ovary syndrome; micro-albuminuria; tumor markers (e.g., age-related PSA reference ranges); growth, thyroid and androgen disorders.

• Wrote / presented countless poster presentations for AACC, ATA (Am Thyroid Assoc), CLAS and other venues.

• Supported R&D, Manufacturing, Technical Services, US and International Marketing, and International Distributors with data analysis, graphics, technical briefs, and timely answers by phone and email.

Keith Agre and Associates
Beverly Hills, 1975 – 1978

Internal Medicine Group Practice

Laboratory Director

Expanded, reorganized and managed the laboratory (chemistry, immunoassay, hematology, coagulation, urinalysis).

Education

University of Leicester, *and*
University of California, Los Angeles 1973 – 1975, 1969 – 1973

Postgraduate studies in logic and foundations of mathematics

Yale University — B.S., cum laude 1969

Pre-med

Scientific Literacy

Immunoassay, clinical chemistry, hematology, coagulation; solid grasp of assay structures and mechanics, sources of variation, clinical requirements; logic, mathematics, pre-med, lean Six Sigma coursework. Actual laboratory experience.

• Dealt with assays for these analytes and their clinical applications: AFP, B12, NT-proBNP, hCG, C-peptide, hsCRP, d-Dimer, estradiol, ferritin, folate, gastrin, gentamicin, hGH, allergen-specific IgE, IGF-I, IGFBP-3, insulin, progesterone, prolactin, PSA, PTH, SHBG, testosterone, free and total T4, TBG, anti-TPO, troponin, TSH, and many others.

Software Literacy

Fluent in S-Plus scripting for modern, robust, applied statistical analysis and graphics (under Windows). Various levels of competency / experience in: MS Office; Excel VBA functions; Minitab macros; Windows CLI, WSH and VBScript; Sed, TAwk (C+RegExp); Basic7 & other dialects; Oracle and SQL Server queries; HTML, JavaScript; Sadler's VFP; R; SAS.

Professional Affiliations

Clinical and Laboratory Standards Institute (CLSI, formerly NCCLS); American Association for Clinical Chemistry (AACC); American Statistical Association (ASA); Clinical Ligand Assay Society (CLAS, recently disbanded); American Society for Quality (ASQ); Mathematical Association of America (MAA).

Selected Publications

• Phagoo S, et al. Analytical validation of an immunoassay, standardized to GC-MS, for unconjugated estriol. American Association for Clinical Chemistry (AACC), Anaheim 2010.

• Basic regression analysis for delineating relationships: Deming, Passing-Bablok, OLS Bisector. Los Angeles 2009.

• Cembrowski G, et al. Comparison of average uncertainty in HPLC and immunoassay measurements of HbA1c. J Diabetes Sci Technol 2008;2:A23.

• Robust location estimators: Harrell-Davis tutorial. Los Angeles 2006.

• Diagnostic accuracy of first-trimester free beta-HCG and PAPP-A. Ann Clin Biochem 2005;42:406.

• Precision profiles for total T3 assays from 2001-2005 New York State Proficiency Testing. Los Angeles 2005.

• From Berlin to Baltimore: imprecision as a continuous function of concentration. Clinical and Laboratory Standards Institute (CLSI), EP5 Subcommittee on Evaluation of Precision, Baltimore 2005.

• Use of an extended NCCLS EP5 protocol to characterize the precision and sensitivity of the IMMULITE 2000 Total Testosterone assay. Clin Chem 2004;50:A100.

• Beyond reference intervals; interpretive frameworks for immunoassay. Congresso Brasileiro de Patologia Clinica Medicina Laboratorial, Rio de Janeiro 2003.

• Probing the GH-IGF axis; laboratory support for growth disorders. ibid.

• Adaptive local regression methods for age-related reference range analysis applied to IMMULITE IGF-I and IGFBP-3 data. Clin Chem 2003;49:A160.

• Maastricht / Diepenbeek cross-sectional study of treated and untreated postmenopausal women using the IMMULITE automated immunoassay system; a guided tour of the data. Breda 2002.

• Some analytical sources of variation in calculated free and bioavailable testosterone estimates. Clin Chem 2002;48:137.

• A re-evaluation, using community-based data, of NACB draft guidelines for determining upper reference limits for anti-TPO and anti-Tg. Clin Chem 2002;48:A121.

• Two models for variations in the age- and sex-related distribution of TPOAb and TgAb. American Thyroid Association (ATA), Los Angeles 2002.

• Progesterone and ectopic pregnancy. News&Views (DPC) 2001;15(1):8.

• Reference range analysis; lessons from PSA. News&Views (DPC) 2000;14(1);9.

• Editorial support for: Ziering, S. The Judgement of Herbert Bierhoff. Los Angeles 1999.

• Wilson AP, et al. Multicentre tumour marker reference range study. Anticancer Res 1999;19:2749.

• An international multicenter reference range study of normal menstrual cycles using IMMULITE reproductive hormone assays. Clin Chem 1999;45:A92.

• Impact of the menstrual cycle on CA15-3 and CA125 values. Clin Chem 1999;45:A109.

• Leaps and bounds; reproductive hormone reference ranges [Roundtable]. Clinical Ligand Assay Society (CLAS), 1999.

• Insulin and the polycystic ovary syndrome. News&Views (DPC) 1999;13(3):15.

• Data reduction and quality control [Workshop]. Clinical Ligand Assay Society (CLAS), Rye Brook 1998.

• Reference range verification. Consortium of Laboratory Professionals (CLP), Indianapolis 1997.

• Can the TBG saturation index substitute for the free T4 index? Clin Chem 1995;41:S55.

• Standard curves, an empirical approach: 2- & 4-parameter logistic models. Immunoassay Seminars, Los Angeles 1995.

• Quantifying the qualitative; what the results of a qualitative assay really mean [Roundtable]. Clinical Ligand Assay Society (CLAS), Cambridge 1992.

• The significance of microalbuminuria [Roundtable]. Clinical Ligand Assay Society (CLAS), Los Angeles 1989.

• Precision profiles; methods and applications [Workshop]. Clinical Ligand Assay Society (CLAS), Washington 1988.

• Precision profiles in the evaluation of qualitative tests for PCP, cocaine and morphine. Clin Chem 1988;34:1264.

• Validation of high-sensitivity TSH assays. Seminario International Sobre Radio-inmunoesayo, Santiago 1987.

• Microalbuminuria; some points of entry into the literature. J Clin Immunoassay [J Clin Ligand Assay] 1987;10:156.

• A simple method for precision profiles. Clin Chem 1986;32:1180.

• The upper limit of normal for thyrotropin is 3 or 4 mIU/L. Clin Chem 1985;31:296.

• Sensitivity; some practical considerations. Quality Assurance News 1984;2(2):11.

• More on vitamin B12 results. Clin Chem 1983;29:2115.

• Laboratory management of high risk pregnancies [Workshop]. Oregon, Washington and American Medical Technology Societies (AOMT, OSSAMT, WSSAMT, WSSAMT), Portland 1983.

LinkedIn: 18 people have recommended A. Paul Durham

"I've known and worked with Paul since 1997 and he has been an excellent mentor in the effective use of statistical tools. Paul has an in depth understanding of a vast array of statistical tools and their applications. More importantly, he understands the limitations of these tools and can use them in an effective and pragmatic way to turn data into useful information. Paul's direct experience with the clinical laboratory, and his ongoing interest in the clinical lab, has given him a well developed sense of the quality and limitations of real world clinical data. He uses that understanding when analyzing the data to keep the conclusions drawn grounded and robust. He knows what questions to ask about the data to be able to apply analysis tools effectively. Most of what I actually know about how to effectively use statistical tools I learned from Paul. He is a careful and patient teacher. Paul focuses on how the statistical tool works and what assumptions it makes so that I have been able to use the tools effectively. I used to think the use of statistical tools was fairly simple. Put data in, get the result out. Now, I realize how much more nuanced the use of these tools is and, consequently, the information I gain from their use is more robust and useful. Paul has also been very involved in the efforts of organizations like CLSI to provide guidance to laboratories on how to effectively use statistical tools to achieve quality goals. He has worked on a number of the subcommittees developing guideline documents and consistently makes significant contributions to the project. I have worked with a number of biostatisticians and most are highly competent individuals, but few have Paul's appreciation of what the real world of a routine clinical laboratory is like. As a consequence, Paul's guidance and recommendations are more practical and workable in that environment. As part of an IVD company Paul has consistently shown a commitment to the customer and to providing the customer with quality products and information." *July 22, 2010*

— Nils Person, Senior Staff Scientist, Siemens Healthcare; worked with Paul at Siemens Healthcare Diagnostics

"Paul is by far one of the most intelligent and articulate person I've ever worked with. He possesses vast knowledge of statistical methods that I can always rely upon for his well thought out suggestions. The humble nature in Paul makes him a great team player and the "go to" person for any type of statistical advice. Paul shows great attitude toward giving advice to various functional groups. It's been a pleasure to work with Paul and I sincerely believe he will continue to make vital contributions to any organization." *June 30, 2010*

— Tom Chuang, Director, Allergy Diagnostics, Siemens Healthcare Diagnostics; worked with Paul at Siemens Healthcare Diagnostics

"I have known Paul for 11 years since I joined DPC. Being a Director of Scientific Publication at the time, he also provided a major statistical function for the company. I enjoyed the numerous discussions with Paul regarding data analysis, statistical significance, and their implication on clinical utility. Paul is a rich resource for me both from a technical and relationship building perspective. He is detail oriented, thoughtful, and very dedicated. The application of precision profiles in assay performance characteristics in Technical Operations and QC of the entire company was attributable to Paul's tireless effort in training the technical personnel and persuading the management. I trust that he will become an indispensible asset for whoever that has the eye and luck to hire him the next." *June 25, 2010*

— Wenzhe Li, Head, Global Medical Affairs, Siemens; worked with Paul at Siemens Healthcare Diagnostics

"It has been a great pleasure working with Paul in the last four years of my IVD career. As a Physician and Medical consultant for Siemens Healthcare, I watched Paul working collaboratively with many teams to develop projects that lead to white papers, journal publications, presentations at professional meetings, marketing materials, complicated diagnostic algorithms and practical optimization of those models to easily understood tests. Paul's vast experience with multivariant statistical modeling for the development of diagnostic tests and expertise in medical writing helped me personally and other team members such as R&D, Marketing, Sales, PhD Scientists and MD's. creating reports that influence project progression. What was most impressive about Paul's skills is his ability to translate test results into patient or physician reports that are easily understood by physicians, such as use of risk scoring models, ROC analysis, sensitivity, specificity, PPV, NPV, odds ratios, confidence intervals, etc. I highly recommend Paul for positions that require consultation and conduct of bioinformatics/statistical analysis in the healthcare system." *June 18, 2010*

— Monet Sayegh, Medical Consultant, Siemens Healthcare; worked with Paul at Siemens Healthcare Diagnostics

"I wanted to take a few minutes to support Paul in his efforts to further his career in the biostatistical field. I've been associated with Paul for more than 10 years in multiple configurations, most recently in my role as head of Technical Operations at the Siemens organization. Paul has many strong characteristics that make him a valued team member in the sciences, particularly in assessing data and its implications during technical review. First and foremost, I think it is important to relate the high level of integrity that he displayed in his work. Although not always agreeing with the outcome of the analysis, I always respected the messenger and reliability of the way the analysis was conducted. Second, Paul has always demonstrated a willingness to help in whatever situation arose, sometimes setting aside equally important projects to help resolve a major issue. Since there are so many demands on his time, he has also demonstrated an excellent scheme for prioritizing his work so that each major situation could be adequately addressed. Paul has extensive knowledge, extensive experience and extensive expertise. Despite this, he is reasonably humble in his dealings with others. I've known many biostatisticians who share Paul's zeal for the detail of the analysis and many times, that detail has gone over my head; however, I would argue that by exploring that level of detail for a given problem, we were able to attain better solutions to issues rather than simply patches to problems. Paul's work at Siemens made me a better scientist, a better manager and a better contributor to the overall organization." *June 18, 2010*

— Eric Whitters, Director, Technical Operations, Siemens Healthcare Diagnostics; managed Paul indirectly at Siemens Healthcare Diagnostics

"It has been my great pleasure to work with Paul both for his in-house statistical consulting expertise and as a colleague on several CLSI subcommittees. He possess a wide and deep knowledge of statistical data analyses and—even more importantly—can effectively put it into practice under a multitude of situations. Paul is very personable and able to communicate with and/or teach at all levels from novice to advanced practitioners. He is a well respected authority on data analysis for CLSI international consensus standards on in vitro diagnostic products." *June 15, 2010*

— Jim Pierson-Perry, Senior Key Expert, Siemens Healthcare Diagnostics; worked with Paul at Siemens Healthcare Diagnostics

"Paul is a very knowledgeable biostatistician who is always looking for innovative yet logical way of looking at data to gather information. I was fortunate to have many of these tools available to assessment and troubleshoot products, and check for soundness of set specifications and requirements. Paul's very personable, mild mannered and professional. His passion for statistics and how it can applied to different scenaria in combination with his willingness to investigate new approaches to statistically explain observations makes Paul an asset for any organization that values data analysis. I highly recommend Paul for positions where his acuminous approach to statistics is valued." *May 14, 2010*

— Ramin Nekoukar, Sr Manager, Siemens Healthcare Diagnostics; worked with Paul at Siemens Healthcare Diagnostics

"Paul is well educated who presented a statistical training at the work place. He is detailed and clear when he is presenting his subject. I consider him the Professor who can provide insight and clear description of the work he is describing. It was a pleasure to attend his training!" *February 16, 2010*

— Riaz Rouhani, Manager, Siemens Healthcare Diagnostics Inc.; worked with Paul at Siemens Healthcare Diagnostics

"Since joining the legacy company DPC (now Siemens Healthcare Diagnostics) as a technical writer in 1990, I worked with Paul for 20 years, reporting to him for most of this period. He was frequently in demand within the company for not only his mathematical expertise but also his clinical knowledge. Paul developed and managed the Technical Publications group such that its output commanded the respect of the industry. Paul has been a model of professionalism, attention to detail, critical thinking, and sound judgment. Any organization that takes him aboard will find a focused, articulate, informed and informative colleague whose strengths include analytical skills, organizational and planning abilities, clarity in identifying issues and potential pitfalls, and practicality. Paul has the important ability to present and write about complex concepts with an elegant simplicity tailored to his audience. In fact, one usually comes away from a technical conversation with Paul better informed about both the answers and the most appropriate questions. He seems just as comfortable devising strategies to meet new challenges as he does making his contribution within a well-established process. Paul would quickly become a valued team member of any organization that could use his impressive array of talents and experience." *November 15, 2010*

— Mike Geier, Editor, Siemens; reported to Paul at Diagnostic Products Corporation

"Paul Durham and I have worked in different capacities together at DPC, from the moment I joined the company in 1984, until the company was acquired by Siemens in 2006. After my appointment as head of Global Marketing in 1998, Paul reported directly to me until the Siemens acquisition. During these years Paul lead the Corporate Technical Publications team. In all fairness to Paul, in reality his job was much broader then Tech Pub. Paul was known around the company as an excellent statistician, with a great expertise in analyzing quality control data. Paul spent a considerable amount of time supporting several departments in Operations, on top of his "real" job. I have gotten to know Paul as a person with high integrity, a good management style and great loyalty to the company." *August 18, 2010*
— Nico Arnold, VP of US Sales and Global Marketing, Diagnostic Products Corporation; managed Paul at Diagnostic Products Corporation

"I have met Paul for the first time in the early nineties while I was still working at the Catholic University of Louvain, Belgium and involved in the IMMULITE evaluations of the different immunoassays for reproductive endocrinology. I joined DPC in January 1995 and discovered more and more Paul's skills as a biostatistician and as a scientific writer. His in-depth knowledge of statistical analysis was crucial to help me out in all the clinical studies that we have done in different pathologies of the repro-endo field. We were the first company worldwide to provide well-documented multicenter reference range studies for non-isotopic immunoassays on an automated platform during normal menstrual cycles, at different pregnancy weeks, during menopause, in PCO/PCOS pathologies, etc... and also in men. It is evident while gathering all the clinical test results (demographic data and hormonal results) Paul's ability to handle all these raw data: ROC analysis, confidence intervals, specific diagnostic algorithms,... finally resulted in many published papers, posters, abstracts, presentations and scientific and technical reports. Even today, anno 2010, many labs in different countries are still using the outcome of the all the studies that were done on the IMMULITE. I still remember our fruitful and professional discussions on the many study projects that we prepared and his expertise and experiences were essential to obtain the final protocols. It has been a great pleasure for me to have worked closely with Paul and I also had him involved in many important national and international meetings. During such a meeting, with a working group of the IFCC, I invited Paul for a presentation of all the scientific published work that was done by DPC. This committee was amazed about all the scientific study projects in all aspects of the IVD that were handled by DPC and indirectly by Paul. Coming from a university, with also many statisticians, I just wanted to emphasize that Paul's contributions, besides his overwhelming knowledge of statistics, are much more: his general scientific understanding, his extensive expertise and interest in many fields of the IVD market and his objective insights. I hope that we still may have some common projects in the future !" *July 5, 2010*

Leo Vankrieken, General Manager, LVK BioMedical Consulting bvba; worked with Paul at Diagnostic Products Corporation

"Paul has been extremely helpful to my work over the past 23 years in many areas, but especially in practical, statistical techniques applied to age-dependent reference ranges for several analytes and helping me to understand how the statistical values were achieved. The collaboration included PowerPoint presentations produced by Paul and articles and Technical Reports which mostly contained my sole authorship, which was typical of the way Paul wanted to work. Paul has been a great resource for bouncing ideas off, for literature references and detailed knowledge of many areas. He was a charming and friendly colleague. I would definitely recommend Paul for any position that could use his considerable talents and experience." *July 3, 2010*

— Paul Sibley, Head of EMEA Commercial Marketing, oncology & growth, Siemens Healthcare Diagnostics; worked with Paul at Diagnostic Products Corporation

"Paul would be an great asset to any company. He is extremely loyal, hardworking and a team player. He is a self starter and will insure that a job is done right." *June 28, 2010*

— Michael Ziering, former CEO, DPC; managed Paul indirectly at Diagnostic Products Corporation

"I worked with Paul for over a 20-year period while at Diagnostic Products Corporation. He is a dedicated and talented professional who built a team of scientific writers and data analysts to support our growing immunoassay business at the time. He was respected for his attention to detail and accuracy in the scientific materials, such as technical articles and scientific posters his team produced, and for his skills in establishing and maintaining a scientific library of materials for the company. He and his team also proofread all the marketing materials my MarCom department produced. He would be an asset to any company requiring strong technical leadership and support in these areas. I highly recommend him." *June 28, 2010*

— Linda Jaggers, Director, Marketing Communications, Diagnostic Products Corporation; worked with Paul at Diagnostic Products Corporation

"I had the pleasure to collaborate with Paul on several marketing projects when statistical interpretation of data were required. Every time, Paul has been a great support by producing extremely valuable and reliable information. In addition, Paul has been instrumental in the preparation of many scientific documents (like scientific articles, posters,...). He was always looking for the most innovative way to present data while preserving their integrity. Finally, Paul is not only a great professional, he is also a very nice colleague to work with. I definitely recommend Paul to anyone looking for a colleague easy to work with and a very strong expert in biostatistics and scientific publications." *June 27, 2010*

— Jean-Charles Clouet, Marketing Director EMEA Assays, Siemens Healthcare Diagnostics; worked with Paul at Diagnostic Products Corporation

"Friends, Paul is a detail-oriented resource who's helped me numerous times in our efforts to help our labs in common. His in-depth knowledge of statistics as well as his ability to relate this to conditions affecting patient care have served as a source of learning for me. Fair in our dealings with CLSI (Clinical and Laboratory Standards Institute) and in vitro diagnostics, I would recommend him for his dedication and his willingness to work to identify what is correct in support of patient care diagnostics." *January 22, 2010*

— Michael Toyoshima, Technical Support Advisor, Bio-Rad Laboratories; worked directly with Paul at Diagnostic Products Corporation

"While an employee of the Australian arm of DPC I often used the articles generated by Paul and his group to good effect. Dealing directly with Paul was a delight as he always replied promptly and in good depth. As a scientist with a strong grasp of Statistics/Mathematics Paul always ensures accuracy as well as clarity in his writing and to top it off he is extremely tolerant of Aussies and their questions :-)." *January 12, 2010*

— Peter Feddema, Sales, Applications & Engineering Specialist, Diagnostica Stago; worked with Paul at Diagnostic Products Corporation

"I began my career at DPC in 1993 working for Technical Publications that evolved into Scientific Publications in early 2000. I worked for three years as a Supervisor in Paul's department, and after SciPub was separated from TechPub, I became a manager of Labeling Control group. All these years, Paul Durham's leadership and exceptional ability to ensure the highest quality of work were instrumental in creating the IMMULITE labeling brand and multi-language IFUs that became a golden standard for the industry. In recent years, Paul's assistance and support were very helpful for our mutual FDA and assay improvement projects." *January 11, 2010*

— Tanya Lazaris, Manager, Siemens Diagnostics; reported to Paul at Diagnostic Products Corporation