



- **Name:** Jeffrey R. Budd, PhD
- **Current Position:** Consulting Biostatistician
- **Country:** USA
- **Educational Background:** (University of Minnesota, USA)

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| Doctor of Philosophy | Biometry and Health Information Systems |
| Master of Science | Biometry and Health Information Systems |
| Bachelor of Computer Science | Computer, Information and Control Sciences |
| Bachelor of Science | Biochemistry |
- **Professional Experience:**

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| 1997 - present | Biostatistical consultant to IVD and medical device companies, St. Paul, MN |
| 2002 - 2019 | Principle Biostatistician: Beckman Coulter, Chaska, MN |
| 1998 - 2002 | CEO & Founder: Life Navigator (home health monitoring company), Minneapolis, MN |
| 1992 - 1997 | COO & Founder: Endocardial Solutions (now owned by Abbott), St. Paul, MN |
| 1991 - 1992 | Director of Software Development: Bio-Medical Design Group, St. Paul, MN |
| 1985 - 1991 | Director: Pediatric Pulmonary Function Lab, University of Minnesota, Minneapolis, MN |
- **Professional Organizations:**
 - Chair: CLSI EP12 Evaluation of Qualitative, Binary Output Examination Performance (2015-present)
 - Member: ISO/TC 212/ Working Group 2, IVD Reference Systems (2014-present)
 - Member: IFCC Working Group on Commutability of IVD Reference Materials (2013-present)
 - Member/Advisor: CLSI EP25 Evaluation of Stability of In Vitro Diagnostic Reagents (2007-present)
 - Member/Advisor: CLSI Expert Panel on Evaluation Protocols (2006-present)
 - Chair: CLSI EP09 Method Comparison and Bias Estimation Using Patient Samples
 - Chair: CLSI EP34 Characterization of Dilution and Spiking Recovery
 - Member: CLSI EP14 Evaluation of Matrix Effect of Nonpatient Samples
 - Member: CLSI EP26 User Evaluation of Between Reagent Lot Variations
 - Member: CLSI EP24 Assessment of the Diagnostic Accuracy of Laboratory Tests Using ROC Curves



• **Main Scientific Publications:**

Ashley, E., Gross, A., Budd, J., Miller, G. “Influence of Reagent Lots and Multiple Measuring Systems on Estimating the Coefficient of Variation from Quality Control Data; Implications for Uncertainty Estimation and Interpretation of QC Results”, Clin Chem Lab Med, in press, 2020.

Miller, W.G., Budd, J.R., et. al., “IFCC Working Group Recommendations for Correction of Bias Caused by Non-commutability of a Certified Reference Material Used in the Calibration Hierarchy of an End-user Measurement Procedure”, Clin Chem, 66:in press, 2020.

Budd, J.R., et.al., “EP34: Establishing and Verifying an Extended Measuring Interval Through Specimen Dilution and Spiking, 1st Edition”, CLSI, Wayne, PA, 2018.

Miller, W.G., Budd, J.R., et. al., “IFCC Working Group Recommendations for Assessing Commutability Part 1: General Experimental Design”, Clin Chem, 64:447-454, 2018.

Nilsson, G., Budd, J.R., et. al., “IFCC Working Group Recommendations for Assessing Commutability Part 2: Using the Difference in Bias between a Reference material and Clinical Samples”, Clin Chem, 64:455-464, 2018.

Budd, J.R., et. al., “IFCC Working Group Recommendations for Assessing Commutability Part 3: Using the Calibration Effectiveness of a Reference Material”, Clin Chem, 64:465-474, 2018.

Budd, J.R., et. al., “EP09(c): Measurement Procedure Comparison and Bias Estimation Using Patient Samples, 3rd Edition”, CLSI, Wayne, PA, 2018.

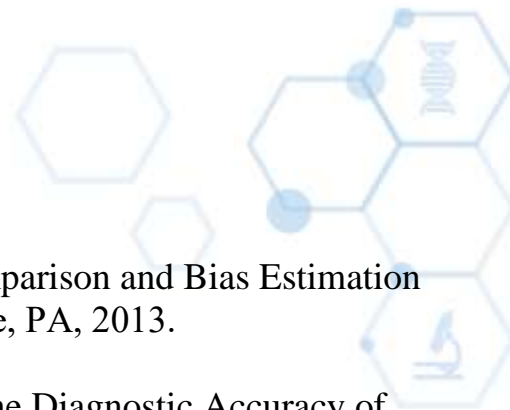
Holland, M., Budd, J.R., et. al., “Improved statistical methods for evaluation of stability of in vitro diagnostic reagents”, Stat Biopharm Res, 9:272-278, 2017.

Budd, J.R., Holland, M.D., “A Study on Shelf Life Prediction Options Can Help Ensure Accurate Laboratory Results”, Clin Chem, 62:1049-1051, 2016.

Akbas, N., Budd, J.R., Klee, G.G. “Multiple calibrator measurements improve accuracy and stability estimates of automated immunoassays”. Scand J Clin Lab Invest, 76:177-180, 2016.

DeVore, K., Budd, J. R., et. al., “EP14: Evaluation of Commutability of Processed Samples, 3rd Edition”, CLSI, Wayne, PA, 2014.

Person, N.B., Budd, J.R., et. al., “EP26-A: User Evaluation of Between-Reagent Lot Variation, Approved Guideline”, CLSI, Wayne, PA, 2013.



Budd, J.R., et. al., “EP09-A3: Measurement Procedure Comparison and Bias Estimation Using Patient Samples; Approved Guideline”, CLSI, Wayne, PA, 2013.

Kroll, M.H., Budd, J.R., et. al., “EP24-A2: Assessment of the Diagnostic Accuracy of Laboratory Tests Using Receiver Operating Characteristic Curves; Approved Guideline”, CLSI, Wayne, PA, 2011.

Pierson-Perry, J.F., Budd, J.R., et. al., “EP25-A: Evaluation of Stability of In Vitro Diagnostic Reagents; Approved Guideline”, CLSI, Wayne PA, 2009.

