

Dennis C. Gilliland – Publications and Selected Reports**A. Refereed Publications****In print**

- 2015 Conservative penny sampling, Journal of Survey Statistics and Methodology, **3**, 504 – 523. (D. Edwards, **D. Gilliland**, G. Ward-Besser and J. Lasecki).
- 2012 The Department of Statistics and Probability at Michigan State University. Strength in Numbers: The Rising of Academic Statistics Departments in the U. S., Chapter 12. A. Agresti and X. Meng, Editors. Springer, NY. (**D. Gilliland** and J. Stapleton).
- 2011 Using randomized confidence limits to balance risk; An application to Medicare investigations, Amer. Statistician, **65**, 149 – 153. (**D. Gilliland** and D. Edwards).
- 2011 Quantitative literacy at Michigan State University: Connection to financial literacy, Numeracy, **4** (2) Article 6, 15 pp. (**D. Gilliland**, V. Melfi, A. Sikorskii, E. Corcoran and E. Melfi).
- 2011 Quantitative literacy at Michigan State University: Development and initial evaluation of the assessment, Numeracy, **4** (2) Article 5, 23 pp. plus appendix. (A. Sikorskii, V. Melfi, **D. Gilliland**, J. Kaplan and S. Ahn).
- 2010 An adaptation of the minimum sum method, Health Services & Outcomes Research Methodology, **10**, Issue 3, 154 - 164. (**D. Gilliland** and W. Feng).
- 2010 A note on confidence interval estimation and margin of error, J. Stat. Education, **18**, No. 1, 1-8. (**D. Gilliland** and V. Melfi).
- 2010 A conversation with James Hannan, Statistical Science, **25**, No. 1, 126-144. (**D. Gilliland** and R. V. Ramamoorthi).
- 2008 A note on confidence intervals for the power of a t-test, Statistics and Probability Letters, **78**, 488 – 489. (**D. Gilliland** and M. Li).
- 2007 Considerations when using discriminant function analysis of antimicrobial resistance profiles to identify sources of fecal contamination of surface water in Michigan, Applied and Environmental Microbiology, **73**, No. 9, 2878 - 2890. (J. Kaneene, R. Miller, R. Sayah, **D. Gilliland** and J. Gardiner).
- 2007 Effect of design and site factors on the long-term performance of flexible pavements, Journal of Performance of Constructed Facilities, **21**, No. 4, 1 - 10. (S. W. Haider, K. Chatti, N. Buch, R. W. Lyles, A. Pulipaka and **D. Gilliland**).
- 2007 A new methodology for whole package microbial challenge testing for medical device trays, J. Testing and Evaluation, **35**, Issue 4, 1 - 8. (J. Severin, L. Bix, J. Linz, **D. Gilliland**, G. Burgess and H. Lockhart).
- 2007 A note on absorption probabilities in one-dimensional random walk via complex-valued martingales, Statistics and Probability Letters, **77**, 1098 - 1105. (**D. Gilliland**, S. Levental and Y. Xiao).
- 2007 Statistical analysis of in-service pavement performance data for LTPP SPS-1 and SPS-2 experiments, Journal of Transportation Engineering, **133**(6), 1 - 11. (S. W. Haider, K. Chatti, N. Buch, R. W. Lyles, A. S. Pulipaka and **D. Gilliland**).
- 2006 Play against the random past for matching binary bits, J. Statistical Theory and Applications, **5**, No. 3, 282-291. (**D. Gilliland** and I. Jung).

GILLILAND Publications/Reports

- 2006 A network-level evaluation of the SPS-2 experiment using the LTPP database, J. Transportation Research Record, No. 1947, 3 – 14. (N. Buch, K. Chatti, S. W. Haider, A. Pulipaka, R. W. Lyles and **D. Gilliland**).
- 2005 Stillbirths with placental hemorrhagic endovasculitis: A morphologic assessment with clinical implications, Archives of Pathology and Laboratory Medicine, **129**, 632-638. (C. M. Sander, **D. Gilliland**, A. Richardson, K. M. Foley and J. Fredericks).
- 2004 Sterile packaging – Statistics and sample sizes, Medical Device and Diagnostic Industry, October issue cover story, 76 – 85. (**D. Gilliland**, L. Bix, H. Lockhart and N. Fotis). Also appears in 2005 China Medical Device Manufacturer, **1**, No. 2, 33 - 39.
- 2004 Mechanistic analysis of multifactors affecting responses of concrete slabs through interpolation schemes, International Journal of Pavements, **3**, No. 1-2, 1 – 13. (K. Vongchusiri, N. Buch and **D. Gilliland**).
- 2002 Intercluster correlations for binomial data; an application to seed testing, J. Agricultural, Biological and Environmental Statistics, **7**, No. 1, 95-106. (**D. Gilliland**, O. Schabenberger and H. Liu).
- 2002 Livebirths with placental hemorrhagic endovasculitis: interlesional relationships and perinatal outcomes, Archives of Pathology and Laboratory Medicine, **126**, 153-160. (C. M. Sander, **D. Gilliland**, C. Akers, A. McGrath, T. Bismar and L. Swart-Hills).
- 2001 Limits on pairwise association for equi-correlated binary variables, J. Applied Statistical Science, **10**, No. 4, 279-285. (**D. Gilliland** and O. Schabenberger).
- 1999 Bounds for robust maximum likelihood and posterior consistency in compound mixture state experiments, Statistics and Probability Letters, **41**, 215-227. (Suman Majumdar, **D. Gilliland** and James Hannan).
- 1998 Beta carotene concentrations in human plasma and buccal mucosa cells after supplementation of synthetic and natural preparations, J. Applied Nutr., **50**, 64-73. (N. V. Dimitrov, C. J. Meyer-Leece and **D. Gilliland**).
- 1997 Soil Quality Control, Soil Quality for Crop Production and Ecosystem Health, E. G. Gregorich and M. R. Carter, Editors. Elsevier, 203-219. (F. J. Pierce and **D. Gilliland**).
- 1997 Risk factors for recurrence of hemorrhagic endovasculitis of the placenta, Obstetrics and Gynecology, **89**, 569-576. (C. Maureen Sander, **D. Gilliland**, Mary A. Flynn and Laura A. Swart-Hills).
- 1996 Plasma alpha-tocopherol concentrations after supplementation of water soluble and fat soluble Vitamin E, Am. J. Clin. Nutr., **58**, 329-335. (N. V. Dimitrov, C. J. Meyer-Leece, J. McMillan, **D. Gilliland**, M. Perloff and W. Malone).
- 1993 A report of the IMS membership survey, IMS Bulletin, **22**, 561-572. (**D. Gilliland** and Margaret Sesselmann).
- 1993 Improving education in statistics for engineers, appears as supplement in “Reconsidering Statistics Education: A National Science Foundation Conference,” by Cobb, George W., J. Stat. Education, **1**, No. 1. <http://www.amstat.org/publications/jse/v1n1/cobb.supp.gilliland.html> (**D. Gilliland** and Roy Erickson).
- 1991 Plasma tocopherol concentrations in response to supplemental vitamin E¹⁻³, Am. J. Clin. Nutr., **53**, 723-729. (N. V. Dimitrov, C. J. Meyer, **D. Gilliland**, M. Ruppenthal, W. Chenoweth and W. Malone).
- 1990 Experiences in Statistics, Kendall/Hunt Publishing Company, 1-104 (**D. Gilliland**).
- 1990 The effect of cis-diamminedichloroplatinum (II) and D-alpha-tocopheryl polyethelene glycol-1000 succinate in cis-diamminedichloroplatinum (II) sensitive and resistant L₁₂₁₀ cells, Cahiers Cancer, **2**, 71-74. (N. V. Dimitrov, L. J. Charamella, G. E. Thompson, S. Spinrad and **D. Gilliland**).
- 1990 Alteration of retinol-binding-protein concentrations by synthetic retinoid fenretinide in healthy human subjects, Am. J. Clin. Nutr., **52**, 1082-1087. (N. V. Dimitrov, C. J. Meyer, M. Perloff, M. M. Ruppenthal, M. J. Phillipich, **D. Gilliland**, W. Malone and F. L. Minn).

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- 1988 On empirical Bayes with sequential component, Ann. Inst. Statist. Math., **40**, 187-193. (D. Gilliland and R. Karunamuni).
- 1986 On the probability of reversal in contested elections, Statistics and the Law, DeGroot, Fienberg and Kadane, Editors. Wiley, NY, 391-416. (D. Gilliland and Paul Meier).
- 1986 The finite state compound decision problem, equivariance and restricted risk components, Adaptive Statistical Procedures and Related Topics, John Van Ryzin, Editor. IMS Lecture Notes - Monograph Series, **8**, 129-145. (D. Gilliland and James Hannan).
- 1985 Votes and a half-binomial, Discrete Applied Math., **12**, 31-40. (J. S. Frame and D. Gilliland).
- 1985 Probability in a contested election, Selected for the UMAP Annual Collection: Tools for Teaching, COMAP. (D. Gilliland).
- 1985 On the MacMahon cube law for election results, J. Applied Statist., **12**, 127-135. (D. Gilliland).
- 1984 Probability in a contested election, The UMAP Journal, **5**, 61-73. (D. Gilliland).
- 1983 On the essential completeness of Bayes empirical Bayes decision rules, Statistics and Decisions, **1**, 503-509. (E. Balder, D. Gilliland and J. C. VanHouwelingen).
- 1983 Fair-Jaffe model, Encyclopedia of Statistical Sciences, **3**, Kotz and Johnson, Editors. Wiley, NY, 22-24. (D. Gilliland and James Hannan).
- 1982 Bayes empirical Bayes: Finite parameter case, Ann. Statist., **10**, 1277-1282. (D. Gilliland, John Boyer and How Jan Tsao).
- 1980 Identification of the ordered bivariate normal distribution by minimum variate, J. Amer. Statist. Assoc., **75**, 651-654. (D. Gilliland and James Hannan).
- 1980 Admissibility considerations in the finite state compound and empirical Bayes decision problems, Statistica Neerlandica, **34**, 151-159. (John Boyer and D. Gilliland).
- 1978 Probability in a contested election, Amer. Statistician, **32**, 122-125. (Tom Downs, D. Gilliland and Leo Katz).
- 1978 On continuity of the Bayes response, IEEE Trans. Inf. Theory, IT-**24**, 506-508. (D. Gilliland and M. K. Helmers).
- 1978 On the risk performance of extended compound rules for discrimination between $N(-1,1)$ and $N(1,1)$, J. Statistical Computation Simulation, **6**, 265-280. (Robert J. Ballard and D. Gilliland).
- 1977 Improved rates for empirical Bayes monotone decision problems, Ann. Statist., **5**, 516-521. (D. Gilliland and James Hannan).
- 1977 A note on orthogonal partitions of a set, Ann. Statist., **5**, 565-570. (D. Gilliland).
- 1976 Asymptotic solutions to the two state component compound decision problem, Bayes versus diffuse priors on proportions, Ann. Statist., **4**, 1101-1112. (D. Gilliland, James Hannan and J. S. Huang).
- 1974 On a series representation of the integral of the bivariate normal distribution over an offset circle, Naval Research Logistics Quarterly, **21**, 206-211. (D. Gilliland and E. R. Hansen).
- 1972 Asymptotic risk stability resulting from play against the past in a sequence of decision problems, IEEE Trans. Inf. Theory, IT-**18**, No. 5, 614-617. (D. Gilliland).
- 1972 On blocking a $(p^m)^n$ factorial, Sankhya, Series A, **34**, 265-274. (D. Gilliland).

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- 1969 On an extended compound decision problem, Ann. Math. Statist., **40**, 1536-1541. (**D. Gilliland** and James Hannan).
- 1969 Approximation to Bayes risk in sequences of non-finite games, Ann. Math. Statist., **40**, 467-474. (**D. Gilliland**).
- 1968 Sequential compound estimation, Ann. Math. Statist., **39**, 1890-1904. (**D. Gilliland**).
- 1968 On the maximization of the integral of a bell-shaped function over a symmetric set, Naval Research Logistics Quarterly, **15**, 507-515. (**D. Gilliland**).
- 1966 Approximation to Bayes risk in sequences of nonfinite decision problems, Ph.D. Thesis, Michigan State University. (**D. Gilliland**).
- 1966 Some bombing problems, Amer. Math. Monthly, **73**, 713-716. (**D. Gilliland**).
- 1964 A note on the maximization of a noncentral chi-square probability, Ann. Math. Statist., **35**, 441-442. (**D. Gilliland**).
- 1962 Integral of the bivariate normal distribution over an offset circle, J. Amer. Statist. Assoc., **57**, 758-768. (**D. Gilliland**).

B. Reports, Abstracts, Manuscripts, Proceedings (Some examples from last 20 years)

- 2014 Series competitions and power laws; applications of binomial distributions. (**D. Gilliland**).
- 2013 The Effect of Osteopathic Manipulative Treatment on Post-Operative Medical and Functional Recovery of Coronary Artery Bypass Graft Patients. Journal of the American Osteopathic Association. (J. Michael Wieting, Christopher Beal, Gary L. Roth, Sherman Gorbis, Lori Dillard, **D. Gilliland** and Jacob Rowan).
- 2012 Statistical applications in transportation and highway research, National Cooperative Highway Research Program Report 727, NCHRP Project 20-71. (R. W. Lyles, M. A. Siddiqui, N. Buch, W. C. Taylor, S. W. Haider, **D. C. Gilliland**, B. W. Pigozzi and J. E. Hummer).
- 2012 Assessment of Quantitative Literacy, CREATE for STEM Mini-conference, East Lansing, MI, May 8, 2012. (**D. Gilliland**, V. Melfi and A. Sikorskii).
- 2011 Quantitative literacy: Objective measurement and student perception, STEM Day Powerpoint Presentation, East Lansing, MI, October 18, 2011. (V. Melfi, **D. Gilliland**, A. Sikorskii and Y. Tian).
- 2011 Connecting quantitative literacy and financial literacy, Scholarship of Teaching and Learning (SoTL) Poster Session, East Lansing, MI, May 18, 2011. (**D. Gilliland**, V. Melfi, A. Sikorskii, E. Corcoran and E. Melfi).
- 2011 QL Working Group Report 5, MSU Quantitative Literacy Assessments, AOP Summer 2010, April 11, 2011. (**D. Gilliland** and Vince Melfi).
- 2011 A History of the Department of Statistics and Probability at Michigan State University, RM-691, Statistics and Probability, MSU. (**D. Gilliland** and James Stapleton). A somewhat abridged version of this report appears as Chapter 12 of Strength in Numbers: The Rising of Academic Statistics Departments in the U. S. A. Agresti and X. Meng, Editors. Springer, NY (2012).
- 2010 The Quantitative Literacy of Undergraduate Students, Scholarship of Teaching and Learning (SoTL) Poster Session, March 2010. (V. Melfi, E. Corcoran, **D. Gilliland**, J. Kaplan and A. Sikorskii).

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- 2010 Pennysampling, University of South Carolina, Statistics Technical Report No. 232, November 30, 2010. (D. Edwards, **D. Gilliland**, G. Ward-Besser and J. Lasecki).
- 2009 Using the minimum sum method, RM-679, Statistics and Probability, MSU. (**D. Gilliland** and Wenning Feng). [RM-679](#)
- 2009 Randomized confidence limits for the Hypergeometric number of successes, RM-675, Statistics and Probability, MSU. (**D. Gilliland**). [RM-675](#)
- 2009 QL Working Group Report 4, Correct Response Percentages, MSU Quantitative Literacy Assessments, August 1, 2008 – July 31, 2009, dated August 31, 2009. (**D. Gilliland** and Vince Melfi).
- 2009 Review of examples of statistical applications in transportation and highway research, Report to the principal investigators for grant NCHRP 20-71 (National Cooperative Highway Research Program), Department of Civil and Environmental Engineering, Michigan State University. (**D. Gilliland** and Wenning Feng).
- 2009 Statistics for Health Care Fraud Investigators and Lawyers, Presentation at a meeting of investigators and lawyers, U. S. Department of Justice, Eastern District of Michigan, Detroit, Michigan, May 8, 2009. (**D. Gilliland**).
- 2009 Random sampling and decision rules for petition signature sufficiency in face of the signature removal option, Report to the Bureau of Elections, Michigan Department of State. (**D. Gilliland**).
- 2009 Modeling Academic Year Salaries, Part of a report to NSF for the Michigan State University NSF grant Advancing Diversity through the Alignment of Policies and Practices, (**D. Gilliland** and James Stapleton).
- 2008 Probability and Statistics, Fundamentals of Engineering Review, Chapter 2, Merle C. Potter, editor. Meridian Press, Okemos, MI. (**D. Gilliland**).
- 2008 QL Working Group Report 3, MSU Quantitative Literacy Inducement Experiments - Experiment 1. December 6, 2007 and Experiment 2. March 27, 2008. dated August 18, 2008. (**D. Gilliland** and Vince Melfi).
- 2008 QL Working Group Report 2, Correct Response Percentages, MSU Quantitative Literacy Assessments, August 1, 2007 – July 31, 2008, dated August 15, 2008. (**D. Gilliland** and Vince Melfi).
- 2008 QL Working Group Report 1, MSU Quantitative Literacy Assessments of Fall 2007, February 1, 2008. (**D. Gilliland** and Vince Melfi).
- 2008 The effect of pressure differential on microbial penetration of a sterile medical device tray. (J. Severin, L. Bix, J. Linz, **D. Gilliland**, H. Lockhart and G. Burgess).
- 2008 Play against the past strategies in repeated play of an S-game and its dual, RM-603, Statistics and Probability, MSU. (**D. Gilliland** and James Hannan).
- 2007 Sampling petitions by sheets rather than signatures, Report to Practical Political Consulting, East Lansing, MI. (A. Fox, **D. Gilliland**, M. Grebner and S. Conlon).
- 2007 Random sampling and decision rules for petition signature sufficiency, Report to the Bureau of Elections, Michigan Department of State. (**D. Gilliland**).
- 2006 On seven activities for high school probability and statistics, available upon request. (**D. Gilliland**).
- 2006 Series competitions: examples and comparisons, available upon request. (**D. Gilliland**).
- 2006 Statistics and the law: some examples and thoughts, Lead article, Michigan State University CSTAT NEWS, Vol. 2, Issue 2, May. (**D. Gilliland**).

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- 2006 Spreadsheet calculations for power of F-tests (revised), available upon request. (**D. Gilliland**).
- 2006 More on the effect of osteopathic manipulative treatment on the postoperative medical and functional recovery of coronary artery bypass graft patients., Annual Clinical Assembly of Osteopathic Specialists, New Orleans, September 14 – 17, 2006. (G. Roth , C. Beal, J. M. Wieting, L. Dillard, S. Gorbis, J. Rowan and **D. Gilliland**).
- 2006 Factors affecting flexible pavement performance based on the LTPP SPS-1 experiment, 10th International Conference on Asphalt Pavements, Québec City, Canada, August 12-17, 2006. (K. Chatti, S. W. Haider, N. Buch, A. Pulipaka, R. W. Lyles and **D. Gilliland**).
- 2006 Effect of design and site factors on the long-term performance of flexible pavements in the SPS-1 experiment. Author Poster Session, Transportation Research Board 85th Annual Meeting, Washington, D.C., January 22-26, 2006. (K. Chatti, S. W. Haider, N. Buch, A. Pulipaka, R. W. Lyles and **D. Gilliland**).
- 2005 Build statistical validity into the research process, Lead article, Michigan State University CSTAT NEWS, Vol. 1, Issue 2, December. (**D. Gilliland**).
- 2005 The effect of osteopathic manipulative treatment on the postoperative medical and functional recovery of coronary artery bypass graft patients, Research Abstract Contest, American College of Osteopathic Internists Research Symposium, Orlando, FL, October 22 – 26, 2005. (C. Beal, J. M. Wieting, G. Roth, L. Dillard, S. Gorbis, J. Rowan, **D. Gilliland** and G. Durnin).
- 2005 Statistical challenges presented by the SPS-2 experiment and data, 8th International Conference on Concrete Pavements, Colorado, August 14 – 18, 2005, 149-166. (N. Buch, K. Chatti, S. W. Haider, A. Pulipaka, R. W. Lyles and **D. Gilliland**).
- 2005 The effect of osteopathic manipulative treatment on the postoperative medical and functional recovery of coronary artery bypass graft patients, Poster presented at Meetings of the Michigan Osteopathic Association, 1st Place Award, Dearborn, MI, May 20, 2005. (C. Beal, J. M. Wieting, G. Roth, L. Dillard, S. Gorbis, J. Rowan, **D. Gilliland** and G. Durnin).
- 2005 Faculty, Secondary Teachers, and Professionals Talk about Teaching and Learning Mathematics and Statistics, Conversations Among Colleagues, Hosted by the Division of Science and Math Education, College of Natural Science, Michigan State University, East Lansing, MI, March 19, 2005. (G.Burrill, **D. Gilliland**, V. Melfi and J.Wald).
- 2005 Final Report, LTPP Data Analysis: Influence of Design and Construction Features on the Response and Performance of New Flexible and Rigid Pavements, NCHRP, Washington, D. C., NCHRP Project 20-50 (10/16), NCHRP Web Document 74, http://www4.nationalacademies.org/trb/onlinepubs/nf/web/nchrp_web_documents. (K. Chatti, N. Buch, S. W. Haider, A. Pulipaka, R. W. Lyles, **D. Gilliland** and P. Desaraju).
- 2004 A preliminary mechanistic evaluation of PCC cross-sections using ISLAB2000 – a parametric study, Michigan Department of Transportation Research Report RC - 1441. (N. Buch, K. Vongchusiri, **D. Gilliland** and T. Van Dam).
- 2004 Bootstrap Fictitious Play in Repeated Games, Proc. Joint Statistical Meetings, Toronto, August 8 – 12, 2004. (**D. Gilliland**).
- 2004 Student responses to the cadaver lab, 21st Annual Scientific Session of the American Association of Clinical Anatomists, Moraga, CA, June 8 – 21, 2004. (J. Fitzsimmons, M. Loukas, B. Vora and **D. Gilliland**).
- 2003 A parametric study to investigate the influence of pavement and load factors on PCC mechanistic response, Presented at the 2003 ASCE Engineering Mechanics Conference, Seattle, WA, July 16 – 18, 2003. (K. Vongchusiri, N. Buch and **D. Gilliland**).

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- 2003 Is the image of computer science sex-biased?, Presented at the Annual Meeting of the Michigan Academy of Science, Arts and Letters, March 2003. (D. Weinshank, M. Ekern, M. Engelmann and **D. Gilliland**).
- 2001 Some observations on the practice of statistics in legal proceedings, The Statistical Consultant, Section on Statistical Consulting, American Statistical Association, Winter 2001, **18**, No. 3, 5 – 6. (**D. Gilliland**).
- 2001 The practice of statistics in legal proceedings, Proc. Social Statistics Section, ASA 2001 Annual Meeting, Atlanta, 1 - 6. (**D. Gilliland**).
- 2000 Review of some statistical aspects of the Robertson, Benedick, Blumrosen *Equal Opportunity Report for the State of Michigan*, Report to the Michigan Department of Civil Service and the Office of the Attorney General, February 18, 2000. (**D. Gilliland**).
- 2000 Inter-cluster correlations for Binomial data; An application to seed testing, RM-592, Statistics and Probability, MSU. (**D. Gilliland**, O. Schabenberger and H. Liu).
- 2000 Limits of pairwise association for equi-correlated binary variables, RM-591, Statistics and Probability, MSU. (**D. Gilliland** and O. Schabenberger).
- 1999 Placental hemorrhagic endovasculitis in twin pregnancies, Poster session at National Meetings of the Society for Pediatric Pathology. (C. M. Sander, **D. Gilliland**, A. McGrath and T. A. Bismar).
- 1998 The clinical significance of placental hemorrhagic endovasculitis in live born infants, Poster session at National Meetings of the American Society of Clinical Pathologists, Los Angeles, CA. Abstract in Am. J. Clinical Pathology, Vol. 109, No. 4. (C. M. Sander, **D. Gilliland**, C. Akers and J. Van Raalte).
- 1998 Live births with placental hemorrhagic endovasculitis: interlesional relationships and perinatal outcomes, Modern Pathology, Vol. 11, 170A. (C. M. Sander, **D. Gilliland**, C. Akers and L. A. Swart-Hills).
- 1997 Risk factors for recurrence of hemorrhagic endovasculitis of the placenta, Pediatric Pathology Abstracts, Vol. 17, No. 3. (C. M. Sander, **D. Gilliland**, M. A. Flynn and L. A. Swart-Hills).
- 1997 Experiences with Large Lecture Courses in Elementary Statistics, invited paper, Midwest Conference on Teaching Statistics, University of Wisconsin Oshkosh, March 21-22. (**D. Gilliland**).
- 1997 Spreadsheet calculations for power of F-tests (unpublished). (**D. Gilliland** and O. Makhnin).
- 1997 Statistical comparisons and power analyses of models for the survival of *Bacillus sterothermophilus*; Experiments with an FDA approved autoclave solution and an experimental solution, Report that was part of a successful application to FDA for approval of an experimental autoclave solution. (**D. Gilliland**).
- 1996 Report of evaluation study: telemedicine pilot project in the Michigan Department of Corrections, Report to the Michigan Department of Corrections. (**D. Gilliland** and Richard Liles).