
PROFESSIONAL EXPERIENCE

Secic Statistical Consulting, Inc.: 1997-Present
President and Independent Consultant

- Collaborate with researchers from hospitals, pharmaceutical companies and medical device companies around the world on the statistical aspects of their research
- Write protocols, analyze data, and write reports for private use, submission to National Institute of Health (NIH), submission to Food and Drug Administration (FDA) or submission for publication in the medical literature
- Serve as voting member or independent statistical advisor for Data Safety and Monitoring Boards (DSMB), providing statistical expertise and tables/graphics for review by the boards
- Present webinars on current statistical topics (equivalence trials, patient reported outcomes, in vitro diagnostic statistics, statistics for your protocol, etc.)

Cleveland Clinic Foundation: 1990-2001

Lead Biostatistician: 2000 to 2001

Manager of Research Section of the Transplant Center. Supervised other biostatisticians, statistical programmers, ORACLE programmers and transplant coordinators. Collaborated on medical research projects with researchers at the Cleveland Clinic Foundation.

Senior Biostatistician & Associate Team Leader: 1996 to 2000

Assisted with administrative and supervisory responsibilities. Coordinated and reviewed the work of biostatisticians, statistical programmers and database programmers. Collaborated on medical research projects with researchers at The Cleveland Clinic Foundation.

Biostatistician: 1991 to 1996

Collaborated on medical research projects with researchers at The Cleveland Clinic Foundation.

Biostatistical Analyst: 1990 to 1991

Assisted biostatisticians in various duties related to the design and analysis of research studies.

The American College of Physicians Publishers:

Book Author: 2006 (2nd edition), 2002 (translation into Chinese), 1997 (1st edition)

Title: *How to Report Statistics in Medicine: Annotated Guidelines for Authors, Editors and Reviewers*

Published: The American College of Physicians, Philadelphia, PA, ISBN: 0943126444

Clinical Device Discussion Forum - www.clinicaldeviceforum.com

Advisory Board Statistician: 2002 to Present

Serve as the statistical expert for the online discussion forum. Active participant in the forum of over 900 members. Ensure all postings receive knowledgeable responses.

Clinical Design Group, Inc:

Senior Network Staff Associate: 1997 to Present

Provide off-site statistical consulting on clinical contracts for Clinical Design Group, Inc., Chicago, IL, via fax, e-mail, phone, and US mail. Statistical consulting includes statistical design of studies, protocol development, maintenance of databases, statistical analyses, presentations, and reports.

Williams & Wilkins Publishers: Journal of *Diseases of the Colon & Rectum*:

Formal Statistical Reviewer for Journal: 1997 to Present

Review manuscripts submitted to the journal of *Diseases of the Colon & Rectum* from a statistical standpoint. Provide formal written feedback to the editors and authors of the manuscripts.

American Statistical Association:

Presenter of Statistical Workshops: 1994 to 2001

Teaching scientific researchers, medical students, medical residents, journal editors and statisticians how to communicate statistical results with non-statisticians. The focus of the workshop is "How To Report Statistics in Medicine".

EDUCATION

Bowling Green State University, Bowling Green, Ohio

Master of Science in Applied Statistics, 1990
Bachelor of Arts in Statistics, 1989
Bachelor of Arts in Mathematics, 1989

PUBLICATIONS

Books:

Lang TA, Secic M. *How to Report Statistics in Medicine: Annotated Guidelines for Authors, Editors and Reviewers, 2nd Edition*. Philadelphia, PA. The American College of Physicians. August 2006.

Lang TA, Secic M. *How to Report Statistics in Medicine: Annotated Guidelines for Authors, Editors and Reviewers*. Philadelphia, PA. The American College of Physicians. March 1997.

Stark NJ. *Clinical Trials Design: Safety, Efficacy and Performance for Medical Devices*. Chicago, IL. Clinical Design Group, Inc. 2000. Acknowledgement.

Neter J, Kutner MH, Nachtsheim CJ, Wasserman W. *Instructor Solutions Manual to accompany Applied Linear Regression Models, 3rd Ed, and Applied Linear Statistical Models, 4th Ed*. Chicago, IL. Richard D. Irwin, a Times Mirror Higher Education Group, Inc. company. 1996. Acknowledgement.

Neter J, Kutner MH, Nachtsheim CJ, Wasserman W. *Student Solutions Manual for use with Applied Linear Regression Models, 3rd Ed, and Applied Linear Statistical Models, 4th Ed*. Chicago, IL. Richard D. Irwin, a Times Mirror Higher Education Group, Inc. company. 1996. Acknowledgement.

Published Manuscripts:

Stager M, Harvey R, Secic M, Camlin-Shingler K, Cromer B. Self-reported physical activity and bone mineral density in urban adolescent girls. *J Pediatr Adolesc Gynecol*. 2006 Feb;19(1):17-22.

Bonny AE, Ziegler J, Harvey R, Debanne SM, Secic M, Cromer BA. Weight Gain in Obese and Nonobese Adolescent Girls Initiating Depot Medroxyprogesterone, Oral Contraceptive Pills, or No Hormonal Contraceptive Method. *Arch Pediatr Adolesc Med*. 2006; 160:40-45.

Bloomfield EL, Secic M, Porembka D. A correlation of catecholamine and vasoactive peptide release with hemodynamics in patients undergoing resection of arteriovenous malformations. *Neurocrit Care*. 2005; 3(2):127-131.

Spindler KP, Warren TA, Callison JC, Secic M, Fleisch SB, Wright RW. Clinical outcome at a minimum of five years after reconstruction of the anterior cruciate ligament. *J Bone and Joint Surgery*. 2005 Aug;87(8):1673-1679.

Rome E, Zeigler J, Secic M, Bonny A, Stager M, Lazebnik R, Cromer BA. Bone biochemical markers in adolescent girls using either depot medroxyprogesterone acetate or an oral contraceptive. *J Pediatr Adolesc Gynecol*. 2004 Dec;17(6):373-7.

Bakris GL, Weir MR, Secic M, Campbell B, Weis-McNulty A. Differential effects of calcium antagonist subclasses on markers of nephropathy progression. *Kidney International*. 2004 June;65(6):1991-2002.

Glenn RE Jr, Spindler KP, Warren TA, McCarty EC, Secic M. Cryotherapy decreases intraarticular temperature after ACL reconstruction. *Clin Orthop*. 2004 Apr;(421):268-72.

Fuller MA, Shermock KM, Secic M, Grogg A. A comparative study of the development of diabetes in patients taking risperidone and olanzapine. *Pharmacotherapy*. 2003 Sept;23(8):1037-1043.

Paul JJ, Spindler KP, Andrish JT, Parker RD, Secic M, Bergfeld JA. Jumping versus nonjumping anterior cruciate ligament injuries: a comparison of pathology. *Clin J Sport Med*. 2003 Jan;13(1):1-5.

Oikonomakis I, Wexner SD, Gervaz P, You SY, Secic M, Giamundo P. Sefrafilm(R): A Retrospective Preliminary Evaluation of the Impact on Short-Term Oncologic Outcome in Colorectal Cancer. *Dis Colon Rectum*. 2002 Oct;45(10):1376-80.

Prina LD, Rancatore E, Secic M, Weber RE. Comparison of Stone Size and Response to Analgesic Treatment in Predicting Outcome of Patients with Renal Colic. *Eur J Emerg Med*. 2002 Jun;9(2):135-9.

Fuller MA, Shermock KM, Secic M, Laich JS, Durkin MB. Service Use and Costs Among VA Patients with Schizophrenia Taking Risperidone or Olanzapine. *Psychiatric Services*. July 2002;53(7):855-860.

Yamani MH, Haji SA, Starling RC, Tuzcu EM, Ratliff NB, Cook DJ, Abdo A, Crowe T, Secic M, McCarthy P, Young JB. Myocardial Ischemic-Fibrotic Injury After Human Heart Transplantation Is Associated With Increased Progression of Vasculopathy, Decreased Cellular Rejection and Poor Long-Term Outcome. *Journal of the American College of Cardiology*. March 2002;39:6,970-977.

Gervaz P, Cerottini JP, Bouzourene H, Hahnloser D, Doan CL, Benhattar J, Chaubert P, Secic M, Gillet M, Carethers JM. Comparison of Microsatellite Instability and Chromosomal Instability in Predicting Survival of Patients with T3N0 Colorectal Cancer. *Surgery*. February 2002;13(2):190-197.

Mercado G, Adelstein DJ, Saxton JP, Secic M, Larto MA, Lavertu P. Hypothyroidism: A Frequent Event After Radiotherapy and After Radiotherapy with Chemotherapy for Patients with Head and Neck Carcinoma. *Cancer*. December 2001;92(11):2892-2897.

Lavertu P, Adelstein DJ, Myles J, Secic M. P53 and Ki-67 as Outcome Predictors for Advanced Squamous Cell Cancers of the Head and Neck Treated with Chemoradiotherapy. *Laryngoscope*. November 2001;111(11):1878-1892.

Gervaz P, Rotholtz N, Wexner SD, You SY, Saigusa N, Kaplan E, Secic M, Weiss EG, Noguera JJ, Belin B. Colonic J-Pouch Function in Rectal Cancer Patients: Impact of Adjuvant Chemoradiotherapy. *Diseases of the Colon and Rectum*. November 2001; 44(11):1667-1675.

Alexander F, Magnuson D, DiFiore J, Jirousek K, Secic M. Specialty Versus Generalist Care of Children with Appendicitis: An Outcome Comparison. *Journal of Pediatric Surgery*. October 2001;36(10):1510-1513.

Gervaz P, Pikarsky A, Utech M, Secic M, Efron J, Belin B, Jain A, Wexner S. Converted Laparoscopic Colorectal Surgery - A Meta-Analysis. *Surgical Endoscopy*. August 2001;15(8):827-832.

Gervaz P, Bouzourene H, Cerottini JP, Chaubert P, Benhattar J, Secic M, Sexner S, Givel JC, Belin B. Dukes B Colorectal Cancer: Distinct Genetic Categories and Clinical Outcome Based on Proximal or Distal Tumor Location. *Diseases of The Colon and Rectum*. March 2001, 44(3):364-372.

Gervaz P, Rotholtz N, Pisano M, Kaplan E, Secic M, Coucke P, Pikarsky A, Efron J, Weiss E, Wexner S. Quantitative Short-Term Study of Anal Sphincter Function After Chemoradiation for Rectal Cancer. *Archives of Surgery*, February 2001, 136(2):192-196.

Secic M. How To Write Statistical Reports For Clients. *American Statistical Association 2000 Proceedings*, 214-217, 2000.

Adelstein DJ, Lavertu P, Saxton JP, Secic M, Wood BG, Wanamaker JR, Eliachar I, Strome M, Larto MA. Mature Results of a Phase III Randomized Trial Comparing Concurrent Chemoradiotherapy with Radiation Therapy Alone in Patients with Stage III and IV Squamous Cell Carcinoma of the Head and Neck. *Cancer*, 2000. 88(4):876-883.

Lewicki LJ, Mion LC, Secic M. Sensitivity and Specificity of the Braden Scale in the Cardiac Surgical Population. *Journal of Wound, Ostomy and Continence Nurses*, 1999. 27(1):36-41.

Lavertu P, Adelstein DJ, Saxton JP, Secic M, Eliachar I, Strome M, Larto MA, Wood BG. Aggressive Concurrent Chemoradiotherapy for Squamous Cell Head and Neck Cancer: An 8-Year Single-Institution Experience. *Archives of Otolaryngology - Head & Neck Surgery*, February 1999;125(2):142-148.

Prieto LR, Hordof AJ, Secic M, Rosenbaum MS, Gersony WM. Progressive Tricuspid Valve Disease in Patients with Congenitally Corrected Transposition of the Great Arteries. *Circulation*, September 1998;98(10):997-1005.

Bloomfield EL, Schubert A, Secic M, Barnett G, Shutway F, Ebrahim ZY. The Influence of Scalp Infiltration with Bupivacaine on Hemodynamics and Postoperative Pain in Adult Patients Undergoing Craniotomy. *Anesth Analg*. September 1998;87(3):579-582.

Goodkin DE, Kinkel RP, Weinstock-Guttman B, VanderBrug Medendorp S, Secic M, Gogol D, Perryman JE, Uccelli MM, Neilley L. A Phase II Study of IV Methylprednisolone in Secondary-Progressive Multiple Sclerosis. *Neurology*, 1998, 51:1,239-245.

Hirakawa K, Stulberg BN, Wilde AH, Bauer TW, Secic M. Results of 2-stage Reimplantation for Infected Total Knee Arthroplasty. *Journal of Arthroplasty*, 1998. 13: 1, 22-8.

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Alexander F, Wyllie R, Jirousek K, Secic M, Porvasnik S. Delayed Gastric Emptying Affects Outcome of Nissen Fundoplication in Neurologically Impaired Children. *Surgery*, 1997. 122(4)690-698.

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Lewicki LJ, Mion L, Splane KG, Samstag D, Secic M, Patient Risk Factors for Pressure Ulcers During Cardiac Surgery. *AORN Journal*, 1997. 65:(5)933-42.

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Gombeski WR, Briller S, Fishleder A, Bat-Cirjak E, Rothner AD, Secic M. Marketing Impact of Health Education Programs. *Journal of Hospital Marketing*, 1997. 11(2):91-103.

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Gupta A, Kottke-Marchant K, Secic M, Jacobsen DW, Green R, Robinson K. Elevated Plasma Homocysteine: A Common Reversible Risk Factor for Thromboembolism in Men and Women. *Journal of the American College of Cardiology*, 1996. 27(2):273A-274A.

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- Lavertu P, Guay ME, Meeker SS, Kmiecick JR, Secic M, Wanamaker JR, Eliachar I, Wood BG. Secondary Tracheoesophageal Puncture: Factors Predictive of Voice Quality and Prosthesis Use. *Head and Neck*, 1996. 393-398.
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- Lowder CY, Secic M, Butler CP, Dodds EM, Recillas-Gispert C. CD8+ T lymphocytes and cytomegalovirus retinitis in patients with the acquired immunodeficiency syndrome - Reply. *American Journal of Ophthalmology*, 1996. 121(4):455-456.
- Bloomfield EL, Porembka DT, Ebrahim ZY, Grimes-Rice M, Secic M, Little JR, Lockrem JD. Analysis of Catecholamine and Vasoactive Peptide Release in Intracranial Arterial Venous Malformations. *Journal of Neurosurgical Anesthesiology*, 1996. April:8(2).
- Secic M. Discussion of the Comparison of GLM and MIXED Procedures for a Repeated Measures Design: One Within and One Between Subjects Factor. *Mid-West SAS User's Group Proceedings*, 1995 October.
- Goodkin DE, Jacobsen DW, Galvez N, Daughtry M, Secic M, Green R. Serum Cobalamin Deficiency is Uncommon in Multiple Sclerosis. *Archives of Neurology*, 1995. 51:11,1110-1114.
- Rom ME, Keller WB, Meyer CJ, Meisler DM, Chern KC, Lowder CY, Secic M. Relationship Between Corneal Edema and Topography. *Contact Lens Association of Ophthalmologists Journal*, 1995. 21(3):191-194.
- Lowder CY, Butler CP, Dodds EM, Secic M, Recillas-Gispert C. CD8+ T Lymphocytes and Cytomegalovirus Retinitis in Patients with Acquired Immunodeficiency Syndrome. *American Journal of Ophthalmology*, 1995. 120(3):283-290.
- Jacobsen DW, Gatautis VJ, Green R, Robinson K, Savon SR, Secic M, Ji J, Otto J, Taylor LM Jr. Rapid HPLC Determination of Total Homocysteine and Other Thiols in Serum and Plasma: Sex Differences and Correlations with Cobalamin and Folate Levels in Normal Subjects. *Clinical Chemistry*, 1994. 40:873-881.
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- Gupta MK, McBride N, Secic M, Sheeler L, Kohse L, Licata A, Hoogwerf B. TSH Receptor Antibodies in Graves' Ophthalmopathy: High Association and Predictive Role of Thyroid Stimulating but not TSH Binding Inhibitory Antibodies. *Endocrine Journal*, 1994. 2:305-310.
- Wood DA, Hughes GB, Secic M, Good TL. Objective Measurement of Normal Facial Movement with Video Microscaling. *The American Journal of Otolaryngology*, 1994. 15(1):61-65.