

CURRICULUM VITAE

Dr. Susan P. McGorray

Department of Biostatistics
College of Public Health and Health Professions
College of Medicine
University of Florida
Box 117450
Gainesville, FL 32610-7450

(352) 294-1934 (office)
(352) 294-1930 (fax)
(352) 219-8767 (cell)
(352) 378-1515 (home)

spmcg@ufl.edu

EDUCATION

1976	BA in Mathematics	College of St. Benedict, St. Joseph, MN
1987	MS in Biostatistics	University of Washington School of Public Health, Seattle, WA
1990	PhD in Biostatistics	University of Washington School of Public Health, Seattle, WA

PROFESSIONAL EXPERIENCE

2010-	Research Assistant Professor Department of Biostatistics College of Public Health and Health Professions College of Medicine, University of Florida
2005-2010	Research Assistant Professor Department of Epidemiology and Health Policy Research College of Medicine, University of Florida
2001-2005	Research Assistant Professor Department of Statistics College of Medicine, University of Florida
1998-2001	Assistant Scientist Division of Biostatistics, Department of Statistics College of Liberal Arts and Sciences, University of Florida
1990-1998	Research Assistant Professor Division of Biostatistics, Department of Statistics College of Liberal Arts and Sciences, University of Florida
1989	Teaching Assistant Department of Biostatistics School of Public Health, University of Washington
1987-1988	Statistical Research Associate Fred Hutchinson Cancer Research Center, Seattle, WA
1977-1982	Statistical Analyst Department of Medical Statistics and Epidemiology Mayo Clinic, Rochester MN

PROFESSIONAL SOCIETIES

American Statistical Association
Eastern North American Region of the International Biometrics Society

MAJOR GRANT INVOLVEMENT

2011-2013	Neurocognition and Performance after Moderate Drinking in Older Adults, NIH
2010-2012	Detection of Ethanol and Interferents in Breath: Validation of a Novel Technology, NIH
2009-2011	A Breath-based Medication Adherence Monitoring System for HIV/AIDS Therapy, NIH
2008-2011	Center for Research to Reduce Disparities in Oral Health, NIH
2005-2008	Career Development and Transition, Florida Department of Education
2004-2005	Psychological Stress and the Risk of Cardiac Events, NIH
2003-2007	Mindfulness Based Stress-Reduction and Myocardial Ischemia, NIH
1996-2006	Women's Ischemia Syndrome Evaluation (WISE), NHLBI
1990-2007	Timing of Treatment for Class II Malocclusion in Children, NICDR
1990-1995	Vision Research Center, NEI
1982-1987	Cancer-Epidemiology Traineeship, Department of Biostatistics, University of Washington School of Public Health, NCI
1977-1982	DESAD Project (Study of the Incidence and Natural History of Genital Tract Abnormalities and Cancer in Offspring Exposed in Utero to Synthetic Estrogens), NIH

SERVICE

2006-present	Vice-chair, Institutional Review Board for the Protection of Human Subjects University of Florida Health Science Center
2005-present	Data and Safety Monitoring Board Member Department of Pediatrics, College of Medicine, University of Florida
2007-2009	Council of Sections Representative, Section on Statistical Consulting, American Statistical Association
2005	Program Chair, ASA Joint Statistical Meetings, Section on Statistical Consulting
2003-2009	Data and Safety Monitoring Board Member and Chair Fluoride Varnish Trial in High Caries Preschoolers, NIH
2002-2008	Data and Safety Monitoring Board Member and Chair

	Early Orthodontic Intervention under Medicaid, NIH
2002-2007	Data and Safety Monitoring Board Member Canadian Cardiac Randomized Evaluation of Anti-Depressant and Psychotherapy Efficacy
2002-2005	Data and Safety Monitoring Board Member and Chair Caries Transmission Prevention in Alaska Native Infants Study, NIH
1994-present	Member, Institutional Review Board for the Protection of Human Subjects University of Florida Health Science Center
2001-2006 2011-present	Faculty Council Representative University of Florida College of Medicine
2001-2002, 2007-2010	Faculty Senate Representative University of Florida
1991-present	Reviewed submitted manuscripts for various journals: <i>Biometrics, Ophthalmology, Medical and Pediatric Oncology, Community Dentistry and Oral Epidemiology, American Journal of Orthodontics and Dentofacial Orthopedics, European Journal of Orthodontics, Journal of Public Health Dentistry, International Journal of Medical Sciences</i>

PUBLICATIONS – Book Chapters

1. Wheeler TT, **SP McGorray**, C Dolce, GJ King (2002). Results from Federally Funded Class II Randomized Clinical Trials. In: "Treatment Timing: Orthodontics in Four Dimensions", JA McNamara and KA Kelly (eds.). *Craniofacial Growth Series*, Volume 39:55-73, Department of Orthodontics and Pediatric Dentistry, School of Dentistry and Center for Human Growth and Development, The University of Michigan, Ann Arbor.
2. Keeling SD, GJ King, TT Wheeler, **SP McGorray** (1995). Timing of Class II Treatment: Rationale, Methods, and Early Results of a Randomized Clinical Trial. In: "Orthodontic Treatment: Outcome and Effectiveness", JA McNamara (ed.). *Craniofacial Growth Series*, Volume 30:1-32, Center for Human Growth and Development, The University of Michigan, Ann Arbor.

PUBLICATIONS – Peer-Reviewed Journals

1. Chen DR, **SP McGorray**, C Dolce , TT Wheeler (2011). Effect of early Class II treatment on the incidence of incisor trauma. *American Journal of Orthodontics and Dentofacial Orthopedics*. 140(4):e155-60.
2. Coors ME, R Moseley, **S McGorray**. (2011). Informed consent process in Alpha-1 testing of at-risk children: views of parents and adults tested as children. *COPD: Journal of Chronic Obstructive Pulmonary Disease*. 8(1):30-8.
3. Patel S, **SP McGorray**, R Yezierski, R Fillingim, H Logan, TT Wheeler (2011). Effects of analgesics on orthodontic pain. *American Journal of Orthodontics and Dentofacial Orthopedics* 140(4):e155-60.
4. Khuddus MA, CJ Pepine, EM Handberg, CN Bairey Merz, G Sopko, AA Bavry, SJ Denardo, **SP McGorray**, KM Smith, BL Sharaf, SJ Nicholls, SE Nissen, RD Anderson (2010). An intravascular ultrasound analysis in women experiencing chest pain in the absence of obstructive coronary artery

disease: a substudy from the National Heart, Lung and Blood Institute-Sponsored Women's Ischemia Syndrome Evaluation (WISE). *Journal of Interventional Cardiology* 23(6):511-9.

5. Bresnahan BW, HA Kiyak, SH Masters, **SP McGorray**, A Lincoln, G King (2010). Quality of life and economic burdens of malocclusion in U.S. patients enrolled in Medicaid. *Journal of the American Dental Association* 141(10):1202-12.
6. Antonelli PJ, JC Jorge, MR Feniman, SH Piazentin-Penna, JC Dutka-Souza, MB Seagle, WN Williams, JA Nackashi, S Boggs, MI Graciano, TV Souza, JS Neto, LA Garla, ML Silva, IL Marques, HC Borgo, AP Martinelli, JJ Shuster, MC Pimentel, MC Zimmermann, CG Bento-Gonçalves, FJ Kemker, **SP McGorray**, MI Pegoraro-Krook (2010). Otologic and audiologic outcomes with the Furlow and von Langenbeck with intravelar veloplasty palatoplasties in unilateral cleft lip and palate. *Cleft Palate Craniofacial Journal* 2011 48(4):412-8. Epub 2010 Jun 10.
7. Lock M, **S McGorray**, A Auricchio, E Ayuso, EJ Beecham, V Blouin-Tavel, F Bosch, M Bose, BJ Byrne, T Caton, JA Chiorini, A Chtarto, KR Clark, T Conlon, C Darmon, M Doria, A Douar, TR Flotte, JD Francis, A Francois, M Giacca, MT Korn, I Korytov, X Leon, B Leuchs, G Lux, C Melas, H Mizukami, P Moullier, M Müller, K Ozawa, T Philipsberg, K Poulard, C Raupp, C Rivière, SD Roosendaal, RJ Samulski, SM Soltys, R Surosky, L Tenenbaum, DL Thomas, B van Montfort, G Veres, JF Wright, Y Xu, O Zeleniaia, L Zentilin, RO Snyder (2010). Characterization of a recombinant adeno-associated virus type 2 reference standard material. *Human Gene Therapy* 21(10):1273-85.
8. Minor V, CL Marris, **SP McGorray**, R Yeziarski, R Fillingim, H Logan, TT Wheeler (2009). Effects of preoperative ibuprofen on pain after separator placement. *American Journal of Orthodontics and Dentofacial Orthopedics* 136(4):510-7.
9. Wortham JR, C Dolce, **SP McGorray**, H Le, GJ King, TT Wheeler (2009). Comparison of arch dimension changes in 1-phase vs. 2-phase treatment of Class II malocclusion. *American Journal of Orthodontics and Dentofacial Orthopedics* 136(1):65-74.
10. Lubbers JH, JB Repetto, **SP McGorray** (2008). Perceptions of transition barriers, practices, and solutions in Florida. *Remedial and Special Education* 29:280-92.
11. Olson MB, KA Matthews, CN Bairey Merz, W Eteiba, **SP McGorray**, CE Cornell, DA Vido, ME Muldoon (2008). Lipid-lowering medication use and aggression scores in women: a report from the NHLBI-sponsored WISE study. *Journal of Women's Health* 17(2): 187-94.
12. Pavlow SS, **SP McGorray**, MG Taylor, C Dolce, GJ King, TT Wheeler (2008). Effect of early treatment on stability of occlusion in patients with Class II malocclusion. *American Journal of Orthodontics and Dentofacial Orthopedics* 133(2):235-44.
13. Dolce C, **SP McGorray**, L Brazeau, GJ King, TT Wheeler (2007). Timing of Class II treatment skeletal changes comparing 1-phase and 2-phase treatment. *American Journal of Orthodontics and Dentofacial Orthopedics* 132(4):481-9.
14. Pepine CJ, GO von Mering, RA Kerensky, BD Johnson, **SP McGorray**, SF Kelsey, G Pohost, WJ Rogers, SE Reis, G Sopko, CN Bairey Merz, Wise Study Group (2007). Phytoestrogens and coronary microvascular function in women with suspected myocardial ischemia: a report from the Women's Ischemia Syndrome Evaluation (WISE) Study. *Journal of Women's Health* 16(4):481-8.
15. Miller KB, **SP McGorray**, R Womack, JC Quintero, M Perelmuter, J Gibson, TA Dolan, TT Wheeler (2007). A comparison of treatment impacts between Invisalign aligner and fixed appliance therapy during the first week of treatment. *American Journal of Orthodontics and Dentofacial Orthopedics* 131(3):302.e1-9.

16. Wessel TR, CB Arant, **SP McGorray**, BL Sharaf, SE Reis, RA Kerensky, GO von Mering, KM Smith, DF Pauly, EM Handberg, S Mankad, MB Olson, BD Johnson, CN Merz, G Sopko, CJ Pepine, NHLBI Women's Ischemia Syndrome Evaluation (WISE) (2007). Coronary microvascular reactivity is only partially predicted by atherosclerosis risk factors or coronary artery disease in women evaluated for suspected ischemia: results from the NHLBI Women's Ischemia Syndrome Evaluation (WISE). *Clinical Cardiology* 30(2):69-74.
17. Montini RW, **SP McGorray**, TT Wheeler, C Dolce (2007). Perceptions of orthognathic surgery patient's change in profile. A five-year follow-up. *Angle Orthodontist* 77(1):5-11.
18. Morey TE, JH Modell, D Shekhawat, T Grand, DO Shah, N Gravenstein, **SP McGorray**, DM Dennis (2006). Preparation and anesthetic properties of propofol microemulsions in rats. *Anesthesiology* 104(6):1184-90.
19. Ramachandrani S, RB Fillingim, **SP McGorray**, CM Schmalfluss, GR Cooper, RS Schofield, DS Sheps (2006). Mental stress provokes ischemia in coronary artery disease subjects without exercise- or adenosine-induced ischemia. *Journal of the American College of Cardiology* 47(5):987-91.
20. Dolce C, RE Schader, **SP McGorray**, TT Wheeler (2005). Centographic analysis of 1-phase versus 2-phase Class II malocclusion treatment. *American Journal of Orthodontics and Dentofacial Orthopedics* 128(2):195-200.
21. Terra SG, **SP McGorray**, R Wu, DM McNamara, LH Cavallari, JR Walker, MR Wallace, BD Johnson, CN Bairey-Merz, G Sopko, CJ Pepine, JA Johnson (2005). Association between beta-adrenergic receptor polymorphisms and their G-protein-coupled receptors with body mass index and obesity in women: a report from the NHLBI-sponsored WISE study. *International Journal of Obesity* 29(7):746-54.
22. Kim CK, **SP McGorray**, BA Bartholomew, M Marsh, T Dicken, S Wassertheil-Smoller, JD Curb, A Oberman, J Hsia, J Gardin, ND Wong, B Barton, RP McMahon, DS Sheps (2005). Depressive symptoms and heart rate variability in postmenopausal women: an ancillary study of the WHI observational study. *Archives of Internal Medicine* 165(11):1239-44.
23. Lewis JF, **SP McGorray**, L Lin, CJ Pepine, B Chaitman, M Doyle, HD Edmundowicz, CN Bairey Merz (2005). Exercise treadmill testing using a modified exercise protocol in women with suspected myocardial ischemia: findings from the Women's Ischemia Syndrome Evaluation (WISE). *American Heart Journal* 149(3):527-33.
24. Bartholomew BA, DS Sheps, S Monroe, **SP McGorray**, K Smith, CJ Pepine (2004). A population-based evaluation of the thrombolysis in myocardial infarction risk score for unstable angina and non-ST elevation myocardial infarction. *Clinical Cardiology* 27(2):74-78.
25. Olson MB, CN Bairey Merz, LJ Shaw, S Mankad, SE Reis, GM Pohost, KM Smith, **SP McGorray**, CE Cornell, SF Kelsey, (2004). Hormone replacement, race, and psychological health in women: a report from the NHLBI-sponsored WISE Study. *Journal of Women's Health* 13(3):325-332.
26. von Mering GO, CB Arant, TR Wessel, **SP McGorray**, CN Bairey Merz, BL Sharaf, KM Smith, MB Olson, BD Johnson, G Sopko, E Handbert, CJ Pepine, RA Kerensky (2004). Abnormal coronary vasomotion as a prognostic indicator of cardiovascular events in women: results from the National Heart, Lung, and Blood Institute-sponsored Women's Ischemia Syndrome Evaluation (WISE). *Circulation* 109(6):722-725.

27. Dalziel D, BM Uthman, **SP McGorray**, RL Reep (2003). Seizure-alert dogs: a review and preliminary study. *Seizures* 12:115-120.
28. Johnson JA, I Zineh, BJ Puckett, **SP McGorray** (2003). Beta 1-andrenergic receptor polymorphisms and antihypertensive response to metoprolol. *Clinical Pharmacology and Therapeutics* 74(1):44-52.
29. King GJ, **SP McGorray**, TT Wheeler, C Dolce, M Taylor (2003). Comparison of peer assessment ratings (PAR) from 1-phase and 2-phase treatment protocols for Class II malocclusions. *American Journal of Orthodontics and Dentofacial Orthopedics* 123(5):489-496.
30. Olson MB, SF Kelsey, K Matthews, LJ Shaw, BL Sharaf, GM Pohost, CE Cornell, **SP McGorray**, D Vido, CN Bairey Merz (2003). Symptoms, myocardial ischemia, and quality of life in women: results from the NHLBI-sponsored WISE Study. *European Heart Journal* 24(16):1506-1514.
31. Dolce C, LK Babb, **SP McGorray**, MG Taylor, GJ King, TT Wheeler (2002). Vertical skeletal and dental changes in early treatment of Class II malocclusion. *Seminars in Orthodontics* 8(8):141-148.
32. Holubkov R, RH Karas, CJ Pepine, CR Rickens, N Reichek, WJ Rogers, BL Sharaf, G Sopko, CN Bairey Merz, SF Kelsey, **SP McGorray**, SE Reis (2002). Large brachial artery diameter is associated with angiographic coronary artery disease in women. *American Heart Journal* 143(5):802-807.
33. Humma LM, HE Richardsen, JF Lewis, **SP McGorray**, CJ Pepine, JA Johnson (2002). Dobutamine pharmacodynamics during dobutamine stress echocardiography and the impact of beta-blocker withdrawal: a report for the Women's Ischemia Syndrome Evaluation (WISE) Study. *Pharmacotherapy* 22(8):939-946.
34. **McGorray SP** (2002). Sensitivity, specificity, and related concepts. *Seminars in Orthodontics* 8(2):92-101.
35. Wheeler TT, **SP McGorray**, C Dolce, MG Taylor, GJ King (2002). Effectiveness of early treatment of Class II malocclusion. *American Journal of Orthodontics and Dentofacial Orthopedics* 121(1):9-17.
36. Bairey Merz CN, M Olson, **SP McGorray**, DL Pakstis, K Zell, CR Rickens, SF Kelsey, V Bittner, BL Sharaf, G Sopko (2000). Physical activity and functional capacity measurement in women: a report from the NHLBI-sponsored WISE Study. *Journal of Women's Health and Gender-Based Medicine* 9(7):769-777.
37. Carter K, LK Faberowski, MB Sherwood, LS Berman, **SP McGorray** (1999). A randomized trial of the effect of midazolam on intraocular pressure. *Journal of Glaucoma* 8(3):204-207.
38. King GJ, TT Wheeler, **SP McGorray**, LS Aiosa, RM Bloom, MG Taylor (1999). Orthodontists' perception of the impact of phase 1 treatment for Class II malocclusion on phase 2 needs. *Journal of Dental Research* 78(11):1745-1753.
39. Lewis JF, L Lin, **SP McGorray**, CJ Pepine, M Doyle, D Edmundowicz, R Holubkov, G Pohost, N Reichek, W Rogers, BL Sharaf, G Sopko, CN Bairey Merz (1999). Dobutamine stress echocardiography in women with chest pain: pilot phase data from the NHLBI Women's Ischemia Syndrome Evaluation (WISE). *Journal of the American College of Cardiology* 33(6):1462-1468.
40. **McGorray SP**, TT Wheeler, SD Keeling, L Yurkiewicz, MG Taylor, GJ King (1999). Evaluation of orthodontists' perception of treatment need and the peer assessment rating (PAR) index. *Angle Orthodontist* 69(4):325-333.

41. Johnson PD, DA Cohen, L Aiosa, **SP McGorray**, TT Wheeler (1998). Attitudes and compliance of pre-adolescent patients during early Class II correction with headgears and bionators. *Clinical Orthodontic Research* 1(1):20-28.
42. Keeling SD, TT Wheeler, GJ King, CW Garvan, DA Cohen, S Cabassa, **SP McGorray**, MG Taylor (1998). Anteroposterior skeletal and dental changes after early Class II treatment with bionators and headgear. *American Journal of Orthodontics and Dentofacial Orthopedics* 113:40-50.
43. McKnight B, C Tierney, **SP McGorray**, NE Day (1998). Likelihood-based inference for the genetic relative risk based on affected-sibling-pair marker data. *Biometrics* 54(2):426-443.
44. Sheats RD, **SP McGorray**, SD Keeling, TT Wheeler, GJ King (1998). Occlusal traits and perception of orthodontic need in eighth grade students. *Angle Orthodontist* 68(2):107-114.
45. Sheats RD, **SP McGorray**, TT Wheeler, GJ King (1998). Prevalence of orthodontic asymmetries. *Seminars in Orthodontics* 4(3):138-145.
46. Sherwood MB, A Garcia-Siekavizza, MI Meltzer, A Hebert, AF Burns, **SP McGorray** (1998). Glaucoma's impact on quality of life and its relation to clinical indicators: a pilot study. *Ophthalmology* 105:561-566.
47. Dolan TA, **SP McGorray**, CL Grinstead-Skigen, R Mecklenburg (1997). Tobacco control activities in US dental practices. *Journal of the American Dental Association* 128:1669-1679.
48. Huber TS, **SP McGorray**, LC Carlton, PB Irwin, RR Flug, TC Flynn, JM Seeger (1997). Intraoperative autologous transfusion during elective infrarenal aortic reconstruction: A decision analysis model. *Journal of Vascular Surgery* 25(6):984-994.
49. Pepine CJ, LL Lopez, DM Bell, EM Handberg, RG Marks, **SP McGorray**, and the TIDES-II Investigators (1997). Effects of intermittent transdermal nitroglycerine on occurrence of ischemia after patch removal: results of the Second Transdermal Intermittent Dosing Evaluation Study (TIDES-II). *Journal of the American College of Cardiology* 30(4):955-961.
50. Kania MJ, SD Keeling, **SP McGorray**, TT Wheeler, GJ King (1996). Risk factors associated with incisor injury in elementary school children. *Angle Orthodontist* 66(6):423-432.
51. Keeling SD, **SP McGorray**, TT Wheeler, GJ King (1996). Imprecision in clinical orthodontic diagnosis: reliability of clinical measures of malocclusion. *Angle Orthodontist* 66(5):381-392.
52. Doyle JW, Hansen JE, Smith MF, Hamed LM, **McGorray S**, Sherwood MB (1995). Use of scheimpflug photography to study iris configuration in patients with pigment dispersion syndrome and pigmentary glaucoma. *J Glaucoma* 4(6):398-405.
53. Keeling SD, CW Garvan, GJ King, TT Wheeler, **SP McGorray** (1995). Temporomandibular disorders after early Class II treatment with bionators and headgears: results from a randomized controlled trial. *Seminars in Orthodontics* 1(3):149-165.
54. Wheeler TT, WA Alberts, TA Dolan, **SP McGorray** (1995). Dental, visual, auditory, and olfactory complications in Paget's disease of bone. *Journal of the American Geriatric Society* 43(12):1384-1391.
55. Guy J, **SP McGorray**, J Fitzsimmons, B Beck, AA Mancuso, NA Rao, L Hamed (1994). Reversals of blood-brain barrier disruption by catalase: a serial magnetic resonance imaging study of experimental optic neuritis. *Investigative Ophthalmology and Visual Science* 35(9):3456-3465.

56. Guy J, **SP McGorray**, J Fitzsimmons, B Beck, NA Rao (1994). Disruption of the blood-brain barrier in experimental optic neuritis: immunocytochemical co-localization of H0 and extravasated serum albumin. *Investigative Ophthalmology and Visual Science* 35(3):1114-1123.
57. Guy J, **SP McGorray**, X Qi, J Fitzsimmons, AA Mancuso, NA Rao (1994). Conjugated deferoxamine reduces blood-brain barrier disruption in experimental optic neuritis. *Ophthalmologic Research* 26(5):1384-1391.
58. Mukherji SK, RP Tart, J Fitzsimmons, C Belden, **SP McGorray**, J Guy, AA Mancuso (1994). Fat-suppressed MR of the orbit and cavernous sinus: comparison of fast spin-echo and conventional spin-echo. *American Journal of Neuroradiology* 15(9):1707-1714.
59. Wheeler TT, **SP McGorray**, L Yurkiewicz, SD Keeling, GJ King (1994). Orthodontic treatment demand and need in third and fourth grade schoolchildren. *American Journal of Orthodontics and Dentofacial Orthopedics* 106:22-33.
60. Doyle JW, MB Sherwood, PT Khaw, **SP McGorray**, MF Smith (1993). Intraoperative 5-fluorouracil for filtration surgery in the rabbit. *Investigative Ophthalmology and Visual Science* 34(12):3313-3319
61. Hamed LM, EN Fang, MF Maher, BL Maria, **SP McGorray**, BS Rosen, B Cassin (1993). The prevalence of neurologic dysfunction in children with strabismus who have superior oblique overaction. *Ophthalmology* 100(10):1483-1487.
62. Idris AH, MF McDermott, JC Raucci, A Morrabel, **SP McGorray**, L Hendeles (1993). Emergency department treatment of severe asthma. *Chest* 103(3):665-672.
63. Keeling SD, **SP McGorray**, TT Wheeler, GJ King (1993). Risk factors associated with temporomandibular joint sounds in children 6 to 12 years of age. *American Journal of Orthodontics and Dentofacial Orthopedics* 105(3):279-287.
64. Khaw PT, JW Doyle, MB Sherwood, MF Smith, **SP McGorray** (1993). Effects of intraoperative 5-fluorouracil or mitomycin C on glaucoma filtration surgery in the rabbit. *Ophthalmology* 100(3):367-372.
65. Khaw PT, JW Doyle, MB Sherwood, I Grierson, S Schultz, **SP McGorray** (1993). Prolonged localized tissue effects from 5-minute exposures to fluorouracil and mitomycin C. *Archives of Ophthalmology* 111(3):263-267.
66. Parker L, LM Hamed, B Cassin, **SP McGorray** (1993). Monocular OKN asymmetry and defective stereopsis in parents of children with infantile esotropia. *American Orthoptic Journal* 43:71-76.
67. Khaw PT, MB Sherwood, JW Doyle, MF Smith, I Grierson, **SP McGorray**, G Schultz (1992). Intraoperative and post-operative treatment with 5-fluorouracil and mitomycin-C: long-term effects in vivo on subconjunctival and scleral fibroblasts. *International Ophthalmology* 16(4-5):381-385.
68. Sandler ES, C Weyman, K Conner, K Reilly, N Dickson, J Luzins, **SP McGorray** (1992). Midazolam versus fentanyl as premedication for painful procedures in children with cancer. *Pediatrics* 89(4):631-634.
69. Smith MF, MB Sherwood, **SP McGorray** (1992). Comparison of the double-plate Molteno drainage implant with the Schocket procedure. *Archives of Ophthalmology* 110(9):1246-1250.
70. Jain VK, RN Mames, **SP McGorray** (1991). Inadvertent penetrating injury to the globe with periocular corticosteroid injection. *Ophthalmic Surgery* 22(9):508-511.

71. Ros PR, RM Steinman, GM Torres, SB Burton, JL Panaccione, DC Rappaport, **SP McGorray** (1991). The value of barium as a gastrointestinal contrast agent in MR imaging: a comparison study in normal volunteers. *American Journal of Roentgenology* 157:761-767.
72. Welch WR, SR Robboy, RH Kaufman, D Townsend, KL Noller, J Gundersen, WD Lawrence, RM Richart, P O'Brien, **SP McGorray**, BC Tilley, G Chazen (1985). Pathology of colposcopic findings in 2,635 diethylstilbestrol-exposed young women. *Gynecologic Oncology*21(3):277-286.
73. Robboy SJ, KL Noller, PC O'Brien, RH Kaufman, D Townsend, AB Barnes, J Gundersen, W Lawrence, E Bergstrahl, **SP McGorray**, BC Tilley, J Anton, G Chazen (1984). Increased incidence of cervical and vaginal dysplasia in 3,980 diethylstilbestrol-exposed young women. *Journal of the American Medical Association* 252(21), 2979-2983.
74. Noller KL, DE Townsend, RH Kaufman, AB Barnes, SJ Robboy, CR Fish, JA Jefferies, EJ Bergstrahl, PC O'Brien, **SP McGorray**, R Scully (1983). Maturation of vaginal and cervical epithelium in women exposed in utero to diethylstilbestrol (DESAD Project). *American Journal of Obstetrics and Gynecology* 146(3):279-285.
75. Robboy SJ, WM Szyfelbein JR Goellner RH Kaufman, PD Taft, RM Richart, TA Gaffey, J Pratt, R Virata, PA Hatab, **SP McGorray**, KL Noller, D Townsend, D LaBarthe, AB Barnes (1981). Dysplasia and cytologic findings in 4,589 young women enrolled in the Diethylstilbestrol-Adenosis (DESAD) Project. *American Journal of Obstetrics and Gynecology* 140(5):579-586.

PUBLICATIONS – Non-Refereed

1. Wheeler TT, **SP McGorray**, C Dolce, GJ King (2006). The timing of Class II treatment. *American Journal of Orthodontics and Dentofacial Orthopedics* 129(4 Suppl):S66-70.
2. Lewis JF, **SP McGorray**, CJ Pepine (2002). Assessment of Women with Suspected Myocardial Ischemia: Review of findings of the Women's Ischemia Syndrome Evaluation (WISE) Study. *Current Women's Health Report* 2(2):110-114.
3. **McGorray SP**, EJ Bergstrahl (1982). Variable selection for categorical data using SAS. *Proceedings of the 7th Annual SAS Users Group International (SUGI) Conference* 712-717.

ABSTRACTS 1998-2011

Andersen LA, Levy JK, McManus CM, **McGorray SP**, Leutenegger CM. Prevalence of enteropathogens in four management models for unowned cats in the southeast United States. American College of Veterinary Internal Medicine Forum, Denver CO, June 2011.

McManus CM, Levy JK, Anderson LA, **McGorray SP**, Leutenegger CM. Prevalence of upper respiratory pathogens in four management models for unowned cats in the southeast United States. American College of Veterinary Internal Medicine Forum, Denver CO, June 2011.

Clark N, Sandow P, Logan H, **McGorray S**. Method to improve confidence and knowledge in oral cancer examination. IADR/AADR/CADR 89th General Session, San Diego, CA, March 2011.

Sandow P, Sabra D, Clark N, Logan H, **McGorray S**. compliance after teaching oral self-examination to underserved individuals. IADR/AADR/CADR 89th General Session, San Diego, CA, March 2011.

- McGorray SP**, Logan H. Trends in head and neck cancer stage at diagnosis. IADR/AADR/CADR 89th General Session, San Diego, CA, March 2011.
- Drake C, **McGorray SP**, Dolce C, Wheeler TT. Orthodontic tooth movement with clear aligners. Florida Association of Orthodontists Meeting, March 2010.
- Mansour D, Dolce C, **McGorray SP**, Wheeler TT. Class II etiology and its effect on treatment approach and outcome. Florida Association of Orthodontists Meeting, March 2010.
- Adewumi A, Horton C, Guelmann M, Dixon-Wood G, Guelmann M, **McGorray, SP**, Williams W. Parental perception versus professional speech assessment following primary incisor extractions. Accepted for International Association of Dental Research Meeting, Barcelona Spain, July 2010.
- Metz J, C Dolce, **S McGorray**, T Wheeler. Occlusal plane changes as a predictor for Class II molar correction. International Association of Dental Research, Miami FL, Apr 2009.
- Lauris RCM, C Dolce, TO Ozawa, AM Almeida, AO Cavassan, OG Silva Filho, GP Baessa, TV Sousa-Brosco, MI Pegoraro-Krook, JCR Dutka, **SP McGorray**, WN Williams. Assessment of facial esthetic in complete cleft lip and palate patients. Cleft 2009: 11th International Congress on Cleft Lip and Palate and Related Craniofacial Anomalies, Fortaleza, Brazil, Sept. 2009.
- Ozawa TO, C Dolce, RCM Lauris, AM Almeida, AO Cavassan, OG Silva Filho, GP Baessa, TV Sousa-Brosco, MI Pegoraro-Krook, JCR Dutka, **SP McGorray**, WN Williams, WN. Surgical and dental arch growth outcome study in 462 UCLP patients. Cleft 2009: 11th International Congress on Cleft Lip and Palate and Related Craniofacial Anomalies, Fortaleza, Brazil, Sept 2009.
- Repetto J, **S McGorray**, D Andrews. Student Voices as They Leave School: Listening to Students with and without Disabilities. Accepted for Division on Career Development and Transition Conference, Savannah GA, Oct. 2009.
- Dolce C, TO Ozawa, VA Cavassan, A DeAlmeida, RM Lauris, OG Silva, MI Pegoraro-Krook, W Williams, MB Seagle, JR Dutka-Souza, **S McGorray**, JA Nackashi. Alveolar arch growth following palatal surgery in cleft lip/palate. International Association of Dental Research, Dallas TX, Apr 2008
- Khuddus MA, BC Sizemore, CN Bairey Merz, CJ Pepine, **SP McGorray**, EM Handberg, KM Smith Sopko, BL Sharaf, SE Nissen GO von Mering (2006). Coronary atherosclerosis by intravascular ultrasound in women with suspected myocardial ischemia but no or minimal angiographic disease: A report from the National Heart, Lung, and Blood Institute-sponsored Women's Ischemia Syndrome Evaluation (WISE) Study. *American College of Cardiology Meetings*, Atlanta GA, March 2006.
- Khuddus, MA, BC Sizemore, CJ Pepine, CN Bairey Merz, G Sopko, EM Handberg, **SP McGorray**, KM Smith, BL Sharaf, SE Nissen, GO von Mering (2006). Positive coronary artery remodeling in women with no or minimal angiographic disease: Intravascular ultrasound findings for the Nation Heart, Lung, and Blood Institute-sponsored Women's Ischemia Syndrom Evaluation (WISE) Study. *American College of Cardiology Meetings*, Atlanta GA, March 2006.
- Born C, SP McGorray, M Taylor, T Wheeler (2006). Race and sex bias in orthodontic treatment. *American Association of Dental Research Meetings*, Orlando FL, March 2006.
- Dolce C, L Brazeau, **SP McGorray**, MG Taylor, TT Wheeler (2005). Timing of Class II treatment: soft tissue profile changes. *IADR Meetings*, Baltimore MD, March 2005.
- Ramachandrani S, C Sizemore, **SP McGorray**, R Fillingim, A Pusey, DS Sheps (2005). Coronary artery

disease patients with high depression scores have lower cardiovascular reactivity during laboratory mental stressors. *APS Meetings*, Vancouver BC, March 2005.

Carroll A, M Taylor, **SP McGorray**, C Dolce, TT Wheeler (2004). Comparison of PAR index done on Stone and Orthocad models, *IADR meetings*, Honolulu HI, March 2004.

Chicola R, B Bivens, **SP McGorray**, M Taylor, D Dolce, TT Wheeler (2004). Variables that impact Class II patients to obtain orthodontic treatment. *IADR Meetings*, Honolulu HI, March 2004.

O'Shaughnessy K, M Taylor, **SP McGorray**, C Dolce, TT Wheeler (2004). Comparison of PAR done on Stone and Invisalign digital models. *IADR Meetings*, Honolulu HI, March 2004.

Patel M, M Taylor, **SP McGorray**, C Dolce, TT Wheeler (2004). Outcome of Invisalign orthodontic treatment using PAR index. *IADR Meetings*, Honolulu HI, March 2004.

Ramachandrani S, ML Ruby, C Butler, RB Fillingim, CM Schmalfuss, **SP McGorray**, GR Cooper, DS Sheps (2004). Mental stress provokes ischemia in some coronary artery disease patients without exercise/adenosine-induced ischemia. *American College of Cardiology Meetings*, New Orleans LA, March 2004.

Wessel TR, CB Arant, **SP McGorray**, CN Bairey Merz, G Sopko, WJ Rogers, BL Sharaf, SE Reis, KM Smith, S Mankad, MB Olson, D Johnson, E Handberg, CJ Pepine (2004). Coronary vascular dysfunction is only partially predicted by traditional cardiovascular risk factors in women undergoing evaluation for suspected ischemia: Results From the National Heart, Lung, and Blood Institute WISE Study. *American College of Cardiology Meetings*, New Orleans LA, March 2004.

Zineh I, **SP McGorray**, LL Jernigan, DM McNamara, DF Pauly, CN Bairey Merz, CJ Pepine, JJ Johnson (2004). Relationship between beta-adrenergic system polymorphisms and coronary peak flow velocity ratio in women: Analysis from the NHLBI-Sponsored Women's Ischemia Evaluation (WISE). *American College of Cardiology Meetings*, New Orleans LA, March 2004.

Zineh I, **SP McGorray**, LL Jernigan, DM McNamara, DF Pauly, CN Bairey Merz, CJ Pepine, JJ Johnson (2004). Influence of genetic and non-genetic factors on endothelium-dependent microvascular reactivity in the NHLBI-Sponsored Women's Ischemia Syndrome Evaluation (WISE). *American College of Cardiology Meetings*, New Orleans LA, March 2004.

Born C, MG Taylor, **SP McGorray**, TT Wheeler (2003). Role of race and gender in orthodontic referrals. *Journal of Dental Research* 82(A):1483.

Kiyak HA, **SP McGorray**, MG Taylor, C Dolce, GJ King, BJ Inglin, TT Wheeler (2003). Long-term psychosocial benefits of orthodontic interventions. *Journal of Dental Research* 82(B):374.

Olson MB, SF Kelsey, K Matthews, CN Bairey Merz, **SP McGorray**, D Vido, CE Cornell, MF Muldoon (2003). Aggression and lipid-lowering medication use in women: The NHLBI-Sponsored WISE Study. *Psychosomatic Medicine* 65(1):10.

Olson MB, LJ Shaw, SF Kelsey, SE Reis, S Mankad, GL Gierach, **SP McGorray**, CE Cornell, CN Bairey Merz (2003). Racial differences in social support affect quality of life in women: Results from the NHLBI-Sponsored WISE Study. *American Heart Association Meetings*, Orlando FL, November 2003.

Taylor MG, **SP McGorray**, S Durrett, S Pavlow, N Downey, M Lenk, D Oxford, C Dolce, TT Wheeler (2003). Effect of "Invisalign" aligners on periodontal tissues. *Journal of Dental Research*

82(A):1483.

- Zineh I, BJ Puckett, DF Pauly, **SP McGorray**, JA Johnson (2003). Beta-1 adrenoreceptor gene haplotypes and antihypertensive response to beta-blocker therapy. *Clinical Pharmacology and Therapeutics* 73(2):97.
- Brown Z, RA Kerensky, **SP McGorray**, DM McNamara, SE Reis, CN Bairey Merz, G Sopko, CJ Pepine, DF Pauly (2002). Bradykinin B1 receptor gene polymorphism is associated with impaired coronary reactivity in women: A Report from the NHLBI WISE Study. *Journal of the American College of Cardiology* 39(A):271.
- Johnson BD, **SP McGorray**, CJ Pepine, GO von Mering, SF Kelsey, RA Kerensky, G Pohost, WJ Rogers, N Reichek, SE Reis, G Sopko, CN Bairey Merz (2002). Phyto-estrogens have a potentially adverse effect on coronary vasodilator (endothelial-independent) function in women with suspected ischemia: A Report from the NHLBI-Sponsored Women's Ischemia Syndrome Evaluation (WISE) Study. *Journal of the American College of Cardiology* 39(A):252.
- Johnson BD, LJ Shaw, CJ Pepine, **SP McGorray**, SE Reis, SF Kelsey, G Sopko, WJ Rogers, S Mankad, CN Bairey Merz (2002). Persistent chest pain and future adverse events: The NHLBI-Sponsored Women's Ischemia Syndrome Evaluation (WISE) Study. *Circulation* 106(16):117.
- Olson MB, SF Kelsey, L Shaw, S Mankad, C Cornell, K Matthews, **SP McGorray**, CN Bairey Merz (2002). Hormone replacement therapy, ethnicity, and psychological health in women: Results from the NHLBI-Sponsored WISE Study. *European Heart Journal* 4(A):259.
- Perce SM, **SP McGorray**, C Dolce, MG Taylor, TT Wheeler, GJ King (2002). PAR index relapse following treatment for Class II malocclusion. *Journal of Dental Research* 81(A):302.
- Terra SG, **SP McGorray**, MR Wallace, CJ Pepine, JA Johnson (2002). Linkage disequilibrium of common beta-1 adrenergic receptor polymorphisms. *Clinical Pharmacology and Therapeutics* 71(2):70.
- Zineh I, BJ Puckett, **SP McGorray**, DF Pauly, JA Johnson (2002). Beta-1 adrenergic receptor polymorphisms predict antihypertensive response to beta-blockers. *Circulation* 106(19-II):574.
- Bartholomew BA, D Sheffield, **SP McGorray**, JD Curb, A Oberman, J Hsia, J Gardin, DS Sheps (2001). Depressive symptoms are related to chest pain but not ST-segment depression in post-menopausal women: An Ancillary Study to the Women's Health Initiative. *European Heart Journal* 22(S):209.
- Bartholomew BA, DS Sheps, S Monroe, **SP McGorray**, K Smith, M Marsh, T Dixon, CJ Pepine (2001). A prospective evaluation of the TIMI Risk Score (TIMI-RS) for unstable angina and non-ST-elevated myocardial infarction. *Circulation* 104(17-II):728.
- Bills GC, MG Taylor, **SP McGorray**, C Dolce, TT Wheeler (2001). Alveolar bone changes during Phase I orthodontic treatment. *Journal of Dental Research* 80(A):322.
- Holubkov R, RH Karas, CJ Pepine, CR Rickens, N Reichek, WJ Rogers, BL Sharaf, G Sopko, CN Bairey Merz, SF Kelsey, **SP McGorray**, SE Reis (2001). Large brachial artery diameter is associated with angiographic CAD in women: A Report from the NHLBI-sponsored Women's Ischemia Syndrome Evaluation (WISE) Study. *Journal of the American College of Cardiology* 37(A):367.
- McGorray SP**, C Dolce, GJ King, MG Taylor (2001). Evaluation of Class II malocclusion treatment

- using the Peer Assessment Rating (PAR) index. *Journal of Dental Research* 80(A):345.
- Olson MB, CN Bairy-Merz, BL Sharaf, SF Kelsey, G Pohost, D Vido, K Matthews, CE Cornell, A Cardello, **SP McGorray** (2001). *Journal of the American College of Cardiology* 37(A):492.
- Schader RE, C Dolce, **SP McGorray**, TT Wheeler (2001). Centographic analysis of 1- or 2-Phase orthodontic treatment. *Journal of Dental Research* 80(A):401.
- von Mering GO, CJ Pepine, **SP McGorray**, RA Kerensky, PA Humphlett, SF Kelsey, DM McNamara, SE Reis, BL Saraf, G Sopko, DF Pauly (2001). Coronary reactivity to acetylcholine varies with a polymorphism in the angiotensin II Type I receptor gene in women: Data from the NHLBI-Sponsored Women's Ischemia Syndrome Evaluation (WISE) Study. *Journal of the American College of Cardiology* 37(A):293.
- von Mering GO, CJ Pepine, **SP McGorray**, DM Miller, CN Bairy Merz, SF Kelsey, N Reichel, SE Reis, WJ Rogers, BL Saraf, G Sopko, RA Kerensky (2001). Abnormal coronary vasomotion in response to acetylcholine predicts increased cardiac events in women: Data from the NHLBI-Sponsored Women's Ischemia Syndrome Evaluation (WISE) Study. *Journal of the American College of Cardiology* 37(A):243.
- Wortham JR, **SP McGorray**, M Taylor, C Dolce, GJ King, TT Wheeler (2001). Arch dimension changes following Phase I and Phase II orthodontic Class II treatment. *Journal of Dental Research* 80(A):321.
- Babb LK, **SP McGorray**, MG Taylor, C Dolce, GJ King, TT Wheeler (2000). Cervical maturation as an index for craniofacial growth. *Journal of Dental Research (IADR Abstracts)* 79:245.
- Babb LK, **SP McGorray**, MG Taylor, GJ King, TT Wheeler (2000). Vertical skeletal and dental changes with early treatment of Class II malocclusion. *Journal of Dental Research (IADR Abstracts)* 79:242.
- Bairy-Merz CN, **SP McGorray**, BL Sharaf, CJ Pepine, N Reichel, S Reis, WJ Rogers, G Sopko, S Kelsey (2000). Race, risk factors and coronary artery disease in women: The NHLBI-Sponsored WISE Study. *Circulation* 101(6):52.
- Bar-Zion Y, **SP McGorray**, CH Gibbs, C Dolce, MG Taylor, TT Wheeler (2000). Reliability of self-reported diary of compliance with orthodontic headgear wear. *Journal of Dental Research (IADR Abstracts)* 79:501.
- Dopazo L, **SP McGorray**, C Dolce, MG Taylor, GJ King, TT Wheeler (2000). Class II malocclusion 2-phase treatment and root resorption. *Journal of Dental Research (IADR Abstracts)* 79:614.
- McGorray SP**, TT Wheeler, C Dolce, GJ King (2000). Molar class relapse following Phase 1 treatment of Class II malocclusion. *Journal of Dental Research (IADR Abstracts)* 79:244.
- Bairy Merz CN, M Olson, **SP McGorray**, DL Pakstis, K Zell, CR Rickens, BL Sharaf, SF Kelsey, G Sopko (1999). Physical activity measured by the PEPI-Q and CAD risk factors in women: The NHLBI-Sponsored WISE Study. *Journal of the American College of Cardiology* 33(A):560.
- Domondon M, TT Wheeler, **SP McGorray**, GJ King, C Dolce, M Taylor (1999). Effects of Class II treatment on incidence of incisal injury. *Journal of Dental Research (IADR Abstracts)* 78:442.
- Lin L, JF Lewis, RA Kerensky, **SP McGorray**, AF Boyette, BR Chaitman, CJ Pepine (1999). Exercise treadmill testing in women with suspected myocardial ischemia: new findings using the ACIP

Protocol: NHLBI Women's Ischemia Syndrome Evaluation (WISE). *Journal of the American College of Cardiology* 33(A):327.

McGorray SP, TT Wheeler, FL Casthely, C Dolce, MG Taylor, GJ King (1999). Factors affecting cost and effectiveness of initial phase of treatment of Class II malocclusion. *Journal of Dental Research* (IADR Abstracts) 78:237.

Ossi AR, SD Keeling, **SP McGorray**, GJ King, C Dolce, TT Wheeler (1999). Orthodontists' and lay persons' perception of facial profile following bionator and headgear therapies. *Journal of Dental Research* (IADR Abstracts) 78:126.

Siros BC, SF Sears, **SP McGorray**, RA Kerensky, J Hill, B Bertolet (1999). Biomedical and psychosocial predictors of angina frequency in patients post angiography. *Circulation* 100(18-I):737.

Wheeler TT, **SP McGorray**, GJ King, C Dolce, MG Taylor (1999). Anteroposterior dental changes during early Class II treatment. *Journal of Dental Research* (IADR Abstracts) 78:442.

Wheeler TT, **SP McGorray**, GJ King, C Dolce, MG Taylor, D Ferrer (1999). Compliance and Class II correction with early treatment. *Journal of Dental Research* (IADR Abstracts) 78:442.

Aviles RA, TT Wheeler, C Dolce, **SP McGorray**, M Taylor, GJ King, SD Keeling (1998). Effectiveness of early Class II treatment utilizing the PAR index. *Journal of Dental Research* (IADR Abstracts) 77:253.

Bar-Zion Y, D Ferrer, PD Johnson, CH Gibbs, M Taylor, **SP McGorray**, TT Wheeler (1998). *Journal of Dental Research* (IADR Abstracts) 77:253.

Casthely FL, SD Keeling, TT Wheeler, C Dolce, GJ King, **SP McGorray** (1998). Cost effectiveness analysis of Class II malocclusion. *Journal of Dental Research* (IADR Abstracts) 77:253.

Holubkov R, **SP McGorray**, S Reis, N Reichek, W Rogers, BL Sharaf, G Sopko, S Kelsey, CN Bairey Merz, CJ Pepine (1998). Determinants of brachial artery endothelial function in women: Pilot Phase Results from the WISE Clinical Centers. *Journal of the American College of Cardiology* 31(A):321.

Kerensky RA, L Lin, A Boyette, J Lewis, **SP McGorray**, BL Sharaf, CN Bairey Merz, CJ Pepine (1998). Relationship between systemic and coronary endothelial function in women with chest pain: Pilot Phase Data from the NHLBI Women's Ischemia Syndrome Evaluation (WISE). *Journal of the American College of Cardiology* 31(A):319.

Lin L, J Lewis, A Boyette, RA Kerensky, **SP McGorray**, BL Sharaf, CN Bairey Merz, CJ Pepine (1998). Effects of abnormal coronary flow reserve and coronary endothelial dysfunction on dobutamine stress echocardiography: Pilot Phase Data from the NHLBI Women's Ischemia Syndrome Evaluation (WISE). *Journal of the American College of Cardiology* 31(A):368.

Lin L, **SP McGorray**, JF Lewis, BL Sharaf, SE Reis, R Holubkov, CN Bairey Merz, N Reichek, WJ Rogers, S Kelsey, CJ Pepine (1998). Relationship between coronary stenosis, risk factors, and brachial endothelial dysfunction in women with chest pain: Pilot Phase Data from the NHLBI Women's Ischemia Syndrome Evaluation (WISE). *Journal of Investigative Medicine* 46(1A):30.

Lin L, CJ Pepine, RA Kerensky, **SP McGorray**, BL Sharaf, JF Lewis (1998). Diagnostic value of dobutamine stress echocardiography in women with chest pain. *Journal of Investigative Medicine* 46(3A):200.

McGorray SP, TT Wheeler, C Dolce, GJ King (1998). Cross-sectional assessment of occlusal traits and orthodontic treatment need of adolescents. *Journal of Dental Research* (IADR Abstracts) 77:357.

Nekuyi D, TT Wheeler, C Dolce, **SP McGorray**, MG Taylor, GJ King, SD Keeling (1998). Relationship of skeletal maturation, craniofacial growth, and Class II correction. *Journal of Dental Research* (IADR Abstracts) 77:254.

Sheats R, **SP McGorray**, TT Wheeler, GJ King, SD Keeling (1998). Orthodontic asymmetries in a normal adolescent population. *Journal of Dental Research* (IADR Abstracts) 77:150.

Taylor M, TT Wheeler, C Dolce, **SP McGorray**, GJ King, SD Keeling (1998). Self-perception of occlusion and parent perception of occlusion changes during early treatment of Class II patients. *Journal of Dental Research* (IADR Abstracts) 77:187.

PRESENTATIONS – Presented at International Conferences/Meetings

Trends in head and neck cancer stage at diagnosis. **SP McGorray**, H Logan. IADR/AADR/CADR 89th General Session, San Diego, CA, March 2011.

Impact of Malocclusion and Orthodontics on Quality of Life. **SP McGorray**, HA Kiyak, M Taylor, GJ King, C Dolce, BJ Inglin, TT Wheeler. *IADR/AADR Meetings*, Baltimore MD, March 2005.

Minority Women, Risk Factors and CAD: The NHLBI-Sponsored Women's Ischemia Syndrome Evaluation (WISE) Study. **SP McGorray**, CN Bairey Merz, R Holubkov, J Lewis. 1st International Conference on Women, Heart Disease and Stroke, Victoria BC, May 2000.

Factors Affecting Cost and Effectiveness of Initial Phase of Treatment of Class II Malocclusion. **SP McGorray**, TT Wheeler, FL Casthely, C Dolce, M Taylor, GJ King. *IADR Meetings*, Vancouver BC, March 1999.

A Standardized Graphical Approach to Examine the Course of Early Class II Treatment. **SP McGorray** et al. *IADR/AADR Meetings*, Orlando FL, March 1997.

Factors Used by Orthodontists in Determining Treatment Classification. **SP McGorray** et al. *IADR Meetings*, Seattle WA, March 1994.

PRESENTATIONS – Presented at National Conferences/Meetings

Evaluation of Class II Malocclusion Treatment using the Peer Assessment Rating (PAR) Index. **SP McGorray**, C Dolce, GJ King, MG Taylor, TT Wheeler. *AAADR Meetings*, Chicago IL, March 2001.

Cross-sectional Assessment of Occlusal Traits and Orthodontic Treatment Needs of Adolescents. **SP McGorray**, TT Wheeler, C Dolce, GJ King. *AAADR Meetings*, Minneapolis MN, March 1998.

Biostatistics in Academia: What We Do Besides Teach. **SP McGorray**, J Pendergast. *American Statistical Association Annual Meeting*, Orlando FL, August 1995.

PRESENTATIONS – Presented at Regional Conferences/Meetings

Impact of Tuberculosis Screening, Prevention, and Treatment on Purified Protein Derivative Conversion Rates Among Seasonal and Migrant Farm Workers in Northeast Florida. **SP McGorray**, R Carter, C Lesneski, L Gauch. *Emerging Statistical Issues in Public Health for the 21st Century: 7th Biennial CDC and ATSDR Symposium on Statistical Methods*, Atlanta GA, January, 1999.

PRESENTATIONS – Presented at State Conferences/Meetings

Minority Women, Risk Factors, and Coronary Artery Disease: The NHLBI-Sponsored Women's Ischemia Syndrome Evaluation (WISE) Study. **SP McGorray**, CN Bairey Merz, R Holubkov, J Lewis. *6th Annual Florida Epidemiology Conference*, Gainesville FL, August 2000.

Tuberculin Skin Test Conversion Among Migrant and Seasonal Farmworkers in Northeast Florida, **SP McGorray**, R Carter, C Lesneski, L Gauch. *3rd Annual Florida Epidemiology Conference*, Miami Beach FL, July 1997.

The Women's Ischemic Syndrome Evaluation (WISE) Project. **SP McGorray** et al. *Women's Health and Research: Multidisciplinary Models for Excellence, 2nd Meeting of National Leaders in Women's Health*, Gainesville FL, February 1997.

Estimation of Genetic Relative Risk Using Affected Sibling Pair Methods. **SP McGorray**. *2nd Annual Florida Epidemiology Conference*, Tampa FL, July 1996.

GRADUATE TEACHING AND MENTORING

2011	Taught 2 classes, GMS 6841, Design and Analysis of Translational Research in Biomedical Sciences
2011	Small group leader for GMS 7093, Introduction to Clinical/Translational Research
1997-2011	Member of 3 Doctoral Dissertation Committees and 40 Master's Thesis Committees
1992-1995	Directed and team-taught STA6176, Introduction to Biostatistics
1992-present	Graduate Faculty Teaching Status

DOCTORAL DISSERTATION COMMITTEES

1. Andrews, W (2010). The job training and job experiences of high school students as they exit school. (Special Education).
2. Lim, K (1998). Statistical problems in using Markov chains to represent DNA sequences and their applications. (Statistics).
3. Teng, C (1997). Two-stage genome search design in affected-sibling-pair method. (Statistics).

MASTER'S THESIS COMMITTEES – Orthodontics

1. Clark, A. (2013) The use of ReNew dentifrice in the prevention of white spot lesions associated with orthodontic treatment.
2. Kovaleski (2013) Relationship of posterior occlusal plane changes in Class III patients to overjet, overbite depth indicator, and antero-posterior dysplasia indicator.

3. Chisari, J. (2012) The effect of age on orthodontic tooth movement.
4. Ellis, D. (2012) Parents' perspective of repaired cleft lip repair.
5. Rubenstein E. (2012) Analysis of the relationship between posterior airway space and molar classification in children age 10 to 15.
6. Drake, C (2010). Orthodontic tooth movement with clear aligners.
7. Mansour, D (2010). The etiology of Class II and its effect on treatment approach.
8. Miller, K (2010). The use of ibuprofen for the control of orthodontic pain.
9. Long, B (2009). Safety and efficacy of Invisalign in mixed dentition.
10. Metz, J (2009). Occlusal plane change as a predictor for Class II correction
11. Jones, D (2008). Effectiveness of CVM-based treatment timing in changing facial bone size and position in Class II patients.
12. Patel, S (2008). Effects of analgesics on pre- and post-separator pain.
13. Williams, N (2008). Effects of Class II treatment in third molar angulation and anterior PAR components.
14. Carroll, A (2007). Long-term comparison of treatment impacts between Invisalign and fixed appliance therapy.
15. Chen, D (2007). Effects of early Class II treatment on the incidence of incisor trauma.
16. Park, E (2007). Correlation and initiation of nickel sensitivity due to trauma during orthodontic treatment.
17. Sutton, M (2007). Clinical evaluation of biofilm content in orthodontic patients treated with Prophy-Jet versus conventional home care.
18. Minor, V (2006). Effects of preoperative ibuprofen, anxiety, and gender on post-separator placement pain.
19. Montini, R (2005). Perceptions of orthognathic surgery patient's change in profile: A five year follow-up.
20. Miller, K (2005). A comparison of treatment impacts between Invisalign and fixed appliance therapy during the first seven days of treatment.
21. Pavlow, S (2005). The effect of early treatment on stability of occlusion in patients with a Class II malocclusion.
22. Brazeau, L (2004). Cephalometric analysis of post-treatment changes in Class II Division 1 patients treated in either one or two phases.
23. Durrett, S (2004). Efficacy of composite tooth attachments in conjunction with the Invisalign system using three-dimension digital technology.

24. Nekula, C (2004). Effects of pre-operative ibuprofen, anxiety, and gender on post-separator placement pain.
25. Albert, J (2003). Clinical evaluation of the Prophy-Jet™ in routine plaque debridement of orthodontic patients.
26. Lawton, B (2003). Orthodontic psychosocial impacts.
27. Dopazo, L (2002). Patient-centered evaluation of the outcome of Class II malocclusion.
28. Ferrer, D (2002) Race and gender bias in orthodontic referrals.
29. Schader, R (2001). Centographic analysis of growing Class II patients treated with headgear/biteplane, bionator, and controls.
30. Wortham, J (2001). Arch dimension changes after phase I and phase II treatment.
31. Babb, Lisa (2000). Vertical skeletal and dental changes in early treatment of the Class II malocclusion.
32. Bar-Zion, Y (2000). Three dimensional characterization of maxillary molar displacement subsequent to headgear treatment with respect to time and force of application: development and pilot test of a novel study method.
33. Johnson, P (1999). An algorithm for headgear force and compliance monitoring utilizing a micro-electric data acquisition system.
34. Ossi, A (1999). Orthodontists and lay persons perception of facial profile following bionator and headgear therapies.
35. Stowers, J (1999). Comparison of apical base change in one phase versus two phase treatment.
36. Casthely, L (1998). Cost-effectiveness analysis of Class II malocclusion treatment.
37. Medina, R (1998). Effectiveness of early Class II treatment utilizing the peer assessment rating.
38. Nekuyi, D (1998). The relationship of skeletal maturation, craniofacial growth and Class II correction.
39. Aiosa, L (1997). The effect of early Class II bionator and headgear therapies on phase II treatment needs.
40. Cohen, D (1997). Anterior-posterior effects of headgear/biteplane and bionator therapies on dentofacial growth.