CURRICULUM VITAE
STEPHEN ROBERT BRADDOCK

PERSONAL INFORMATION

Place of Birth:	Newark, New Jersey
Date of Birth:	April 28, 1962
Marital Status:	Married, two children

PRESENT ADDRESS

Department of Pediatrics
Saint Louis University
1465 S. Grand Blvd
St. Louis, MO 63104

EDUCATION

University of Notre Dame; B.S. Pre-Professional Studies, cum laude; 1984.

University of Missouri - Columbia, School of Medicine; M.D.; 1988.

University of Utah Affiliated Hospitals, Department of Pediatrics; Internship; 1988 - 1989.

University of Utah Affiliated Hospitals, Department of Pediatrics; Residency; 1989 - 1991.

Cedars-Sinai Medical Center, Department of Medical Genetics; University of California, Los Angeles, Intercampus Medical Genetics Training Program; Medical Genetics Fellowship, 1991 - 1992.

University of California, San Diego, Department of Pediatrics; Dysmorphology Fellowship, 1992 - 1994.

ACADEMIC CAREER

Professor of Pediatrics with Tenure, St. Louis University School of Medicine, 2013-present.

Professor of Pediatrics, St. Louis University School of Medicine, 2010-2013.

Director, Division of Medical Genetics, St. Louis University School of Medicine, 2010-present.

Professor of Clinical Pediatrics, University of Virginia, School of Medicine, 2006-2010.

Professor, Non-resident faculty member, Center for Public Health Genomics, University of Virginia School of Medicine, 2007-2010.

Professor of Clinical Child Health, University of Missouri-Columbia, School of Medicine, 2005-2006.

Associate Professor of Clinical Child Health, University of Missouri-Columbia, School of Medicine, 2001-2005.

Assistant Professor of Clinical Child Health, University of Missouri - Columbia, School of Medicine, 1994 - 2001.

Medical Director, Missouri Teratogen Information Services (MOTIS), 1994 - 2006.

Joint Clinical Professor, Sinclair School of Nursing, University of Missouri-Columbia, 2004 - 2006.

Joint Clinical Associate Professor, Sinclair School of Nursing, University of Missouri-Columbia, 1998 - 2004.

Director of Pediatric Genetics, Center for Craniofacial Disorders, Children's Hospital at University of Missouri - Columbia, 1994 - 2006.

Director, National Neurofibromatosis Foundation Referral Center at Children's Hospital at University of Missouri - Columbia, 1996 - 2006.

Director, UMC Hemoglobinopathy Resource Center, 1997 - 2000.

Adjunct Instructor, Center for Rare and Neglected Diseases, University of Notre Dame, 2010-present.

Co-Director, Molecular Biology and Genetics Course, SLU School of Medicine, 2011-2013.

MEDICAL LICENSE

California #G071468
Illinois #036126559
Missouri #MD 106085
Virginia - inactive

MEDICAL BOARDS

Diplomate of the National Board of Medical Examiners, Certified 1989
American Board of Pediatrics, Certified 1992 (Recertified, 2014-2019)
American Board of Medical Genetics, Certified 1993 (Recertified, 2010-2019)

HONORS AND AWARDS

Cum laude (B.S.), University of Notre Dame, 1984.
Robert L. Jackson Outstanding Pediatric Student Award (Univ. of Missouri); 1988.
Teratology Society Young Investigator Travel Award; 1991.
American Medical Association Physician's Recognition Award; 2000-2003.
Strathmore's Who's Who Directory, 2000 - present.
Order of Socrates - July 4, 2001 (recognition of master teachers by UMC Office of Medical Education)
Marquis Who's Who in America, 58th edition, 2004.
"Guide to America's Top Pediatricians", 2004-2005 Edition
Best Doctors in America, 2007-2008
Best Doctors in America, 2009-2010
Best Doctors in America, 2011-2012
Best Doctors in America, 2013-2014
Outstanding Young Physician- University of Missouri Medical Alumni Organization Award, 2008.
America's Top Physicians, Consumer Research Council of America, 2009.
America's Top Physicians, Consumer Research Council of America, 2011.
University of Virginia Department of Pediatrics Award for Clinical Excellence as Professor, 2009.
Harvard School of Public Health Leadership Development for Physicians in Academic Health Centers 2010.
University of Missouri Medical Alumni Board of Governors, 2014-2020.

PROFESSIONAL SOCIETY MEMBERSHIPS

American College of Medical Genetics (Fellow)
American Academy of Pediatrics (Fellow)
    Committee on Genetics (appointed term 2007-2013)
    Section on Genetics & Birth Defects

The American Society of Human Genetics
Teratology Society
Organization of Teratogen Information Specialists (OTIS)
American Cleft Palate-Craniofacial Association
Dr. Tom Dooley Society, Medical Alumni of Notre Dame

REVIEW PANELS AND MANUSCRIPT EDITORIAL SERVICES

Grants/Contracts

National Institutes of Health/National Institute of Child Health & Human Development Pediatric Review Committee (CHHD-A), 2007-2013.

National Institutes of Health/National Institute of Child Health & Human Development Special Emphasis Panel (ZHD1 DSR-M HB 1), 2007-2008.

National Institutes of Health/National Institute of Child Health & Human Development Health, Behavior and Context Subcommittee (CHHD-M), 2008-2009.

Journals

American Journal of Medical Genetics – Editorial Board (2012-present)
American Journal of Medical Genetics – Reviewer
Teratology - Reviewer
Birth Defects Research – Reviewer
Genetics in Medicine – Reviewer
Journal of Pediatrics - Reviewer
Pediatrics – Reviewer
Journal of Neurosurgery – Reviewer
American Journal of Perinatology - Reviewer
American Journal of Cardiology - Reviewer
Cleft Palate-Craniofacial Journal - Reviewer

PROFESSIONAL COMMITTEES

National and International

University of Missouri Medical Alumni Board of Governors, 2014-2020.
American Academy of Pediatrics, Committee on Genetics, 2007-2013 (appointed).
American Academy of Pediatrics, Section on Genetics & Birth Defects
Exam item writer, American Board of Medical Genetics, 2005
Exam item writer, American Board of Medical Genetics, 2007-2008.
David W Smith Workshop on Malformations and Morphogenesis Planning Committee, 2012-present.
35th David W Smith Workshop on Malformations and Morphogenesis Conference Chairman 2013-14.
National Organization on Fetal Alcohol Syndrome (NOFAS), Virginia Medical Advisor, 2009 – 2010.
Midwest Regional FAS Training Center faculty member, 2002-2006.
Research Committee, Organization of Teratogen Information Service (OTIS),
1996 - present.
Education Committee, Organization of Teratogen Information Service (OTIS),
1996 - present.
Education Committee, Teratology Society, 2002-2004.
Program Committee, Support Organization for Trisomy 18, 13 and Related Disorders 26th Annual Meeting, July 19-22, 2012.
Director of Medical Clinics, Support Organization for Trisomy 18, 13 and Related Disorders 26th Annual Meeting, July 19-22, 2012.

Curbside Consultant, American Society of Human Genetics 52nd Annual Meeting, October 17, 2002.
Moderator, Scientific Session on Clinical Genetics: Syndromology, American Society of Human Genetics 47th Annual Meeting, October 30, 1997.
Moderator, Scientific Session on Teratology, Organization of Teratogen Information Service 12th Annual Meeting, June 30, 1999.
Moderator, Scientific Session on Human Teratogenesis, Teratology Society 39th Annual Meeting, July 3, 1999.
Keynote Address and Moderator, "Healthy Babies for a Healthy Future: Exploring the Effects of Teratogens." Southeastern Missouri Area Health Education Center and Bootheel Healthy Start Conference, Cape Girardeau, Missouri, August 19-20, 1999.
The National Neurofibromatosis Foundation, Inc. Missouri Medical Advisory Board, 1996-2000.

State

National Organization of FAS-Missouri Board of Directors, 8/2011-present.
Virginia Genetics Advisory Committee, State of Virginia, 2006 – 2010.
State of Missouri Governor's Alliance for the Prevention of Disabilities, 1994 - 2000.
Genetics Advisory Committee, Bureau of Special Health Care Needs, State of Missouri, 1994 - 2003.
Missouri Fetal Alcohol Syndrome Action and Care Team (MOFASACT), 2001-2006.
Executive Board of the Central Missouri Division of the March of Dimes, 2002-2004.
Perinatal Substance Abuse (PSA) Advisory Committee, September 2002-2006.
Missouri Fetal Alcohol Coalition, Bureau of Special Health Care Needs, State of Missouri, 1994 - 1996.
Medical Advisory Board, National Neurofibromatosis Foundation, Inc., Missouri Chapter, 1997 – 2006.
Sickle Cell Disease: Current Concepts in Management Educational Conference, University of Missouri Hemoglobinopathy Outreach Center, Sikeston, Missouri, June 26, 1998, Conference Chairman.
Scientific Symposium, 41st Annual Physicians Alumni Weekend, University of Missouri School of Medicine, October 16, 1998, Symposium Chairman.
Program Committee, 19th Annual Common Childhood Problems Conference, University of Missouri School of Medicine, June 6-7, 1997.
Program Committee, 13th Missouri Conference on Genetic Disorders, September 28-30, 1994.
Program Committee, 14th Missouri Conference on Genetic Disorders, October 12-13, 1995.
Program Committee, 15th Missouri Conference on Genetic Disorders, November 14-15, 1996.
Program Committee, 16th Missouri Conference on Genetic Disorders, November 20-21, 1997.
Program Committee, 17th Missouri Conference on Genetic Disorders, November 19-20, 1998.

Intramural

Curriculum Board, Office of Medical Education, University of Missouri School of Medicine, 1998 - 1999.
Curriculum Director's Committee, Office of Medical Information, 1998 - 1999.
Conley Preprofessional Scholar Selection Committee, 1995 - 1999.
Child Health Residency Curriculum Committee, 1996 - 1997.
Child Health Library Committee, 1998 - 2006, Chair.
Problem Based Learning (PBL) Curriculum Committee, 2000 - 2006.
Millennium Health Care Class of 2000, selected to attend, Univ. of Missouri School of Medicine..
Health Sciences Research Advisory Committee, University of Missouri School of Medicine, 2001 - 2006.
University of Missouri School of Medicine Faculty Appointment, Promotion, and Tenure Committee, 2006 Subcommittee on Clinical Promotions
Teaching in Academic Medicine 2008, inaugural class, selected to attend, University of Virginia School of Medicine.
SLU Department of Pediatrics Research Colloquium, Coordinator, 2011-present.
SLU Pediatric Science Days, Session Moderator, April 11-12, 2013.

Local

Boone County Medical Society Board of Directors, 2006

RESEARCH/PROGRAM SUPPORT

Areas of Research Interest:

1. Teratology
2. Fetal Alcohol Syndrome (FAS)
3. Dysmorphology/Syndrome Delineation

My research interests and goals are to investigate the prevalence of, consequences including dysmorphology and longitudinal variation of prenatal teratogen exposures and birth defects.

Grants Funded

TITLE	GRANTING AGENCY	YEARS	TOTAL COST
Missouri Teratogen Information Service	Missouri Department of Health Contract AOC8000120	1997 3 mos.	$ 45,000
		1997-98	$ 70,000
		1998-99	$ 90,000
		1999-2000	$ 90,000
		2000-2001	$ 90,000
		2001-2002	$ 90,000
		2002-2003	$ 90,000
		2004-2005	$ 90,000
Missouri Teratogen Information Service Spina Bifida Inter-vention Project	Missouri Department of Health Contract AOC00380003	1999-2000 8 mos	$ 23,700
Missouri Teratogen Information Service (P.I.)	Children's Miracle Network Telethon Research Grant	1996	$ 13,000
Missouri Teratogen Information Service	Giulio J. Barbero Research Fund	1997	$ 20,000
Missouri Teratogen Information Service	March of Dimes	1998	$1,000
Missouri Teratogen Information Service	March of Dimes	2000-2001	$ 8,000
Missouri Teratogen Information Service	March of Dimes	2001-2001	$14,000
Missouri Teratogen Information Service	Children's Miracle Network	2003-2004	$41,000
Establishment of a Regional FAS Training Center (Co-P.I.)	The Association of Teachers of Preventive Medicine (ATPM) and the Centers for Disease Control and Prevention (CDC) U50/CCU300860	2002-2005	$794,606

(P.I. for the UMC/MIMH component for establishing training center and providing education and curriculum development. Total budget $250,499. FTE 10%)

Midwest Regional Fetal Alcohol Syndrome Training Center (Co-Investigator, FTE 10% through 9/2006))	The Association of Teachers of Preventive Medicine (ATPM) and the Centers for Disease Control and Prevention (CDC)	2005-2008	$750,000
Joubert Syndrome: Mouse Models and Clinical Characteristics	NINDS/NIH/ORD R01 NS41030-01	2003-2005	$120,000

(P.I. for UMC component to continue clinical dysmorphology, genetic history and neuropsychological research. FTE 10%)

Hemoglobinopathy (Sickle Cell) Resource Center	Missouri Department of Health Contract AOC8000121	1997-98	$ 52,396
		1997-98 SUPPLEMENT	$ 22,000
		1998-99	$137,500
		1999-2000	$137,500
Missouri Fetal Alcohol Syndrome Rural Awareness and Prevention (Co-P.I. through 8/2006)	Centers for Disease Control	2003-2008	$2,125,000

(P.I. for the UMC/MIMH component with responsibility of creating a interdisciplinary clinic in 3 rural locations, providing education for health professionals and social services, intake and primary referral for treatment of alcoholic women, data collection and survey of drinking in Missouri with access to care. Total budget $984,300. FTE 20%)

MO Genetic Disease Program Services	Missouri Department of Health & Senior Services	2010-11	$131,394
	Contract C309088001	2011-12	$131,394
		2012-13	$131,394
	Supplement for LSD screening	2012-13	$ 28,199
		2013-14	$174,727
		2014-15	$195,612
Illinois Genetic Counseling Clinical Services Program	Illinois Department of Public Health Contract 13780247	2010-11	$ 85,000
		2011-12	$ 95,000
		2012-13	$ 95,000
		2013-14	$ 95,000
		2014-15	$120,000
Nonketotic Hyperglycinemia (NKH)	John Thomas NKH Foundation	2013-14	$12,000
		2014-15	$ 5,000

Grants Approved but not funded

Virginia Fetal Alcohol Syndrome Network

U.S. Department of Health and Human Services
Health Resources and Services Administration
HRSA-08-117
2008-09
$972,704 (Approved but not funded)

TEACHING

Graduate

Doctoral Committee, Anthony Vomund, Department of Biochemistry, 1997 - 2002.

Medical Student/Resident

Lecturer for Molecular Biology and Genetics Curriculum, SLU School of Medicine, 2011-present.
Lecturer each clinical block for 3rd year Medical Students, SLU School of Medicine, 2011-present.
Lecturer, Pediatric Residency Conference Series, UVA, 2006-2010.
Lecturer each clinical block for 3rd year Medical Students, UVA, 2006-2010.
Lecturer for Medical Genetics Curriculum, UVA School of Medicine, 2006-2010.
Annual lecture on Dysmorphology to 2nd year UMC Medical Students, 1994 - 2006.
Annual lecture on Central Nervous System Malformations to 2nd year UMC Medical Students, 1995 - 1999.
Annual lecture on Fetal Alcohol Syndrome to 1st year UMC Medical Students, 2005 - 2006.
Monthly lecture on Malformation Syndromes to Child Health Residents, 1996 - 2006.
Research and clinical mentor to Antoinette Laskey, M.D. (see abstracts/presentations), 1997 - 2001.
Research and clinical mentor to Kimberly Henley, B.S. (see abstracts/presentations), 2000 - 2005.
Research mentor to Diana Dang, B.S., (see abstracts/presentations), 2003 -2006.
Research mentor to Matt Fickie, MD, 2005- 2006.
Clinical mentor to Chris Molitor, M.D., 1995-2005.
Research mentor to Sarah Jarrett, B.S. 2011-present.

BIBLIOGRAPHY:

PUBLICATIONS

1. **Braddock S.R.**, Jones K.L., Superneau D.W., and Jones M.C.: Sagittal craniosynostosis, Dandy-Walker malformation and hydrocephalus: A unique multiple malformation syndrome. Am J Med Genet 47:640-643, 1993.

2. **Braddock S.R.**, Braddock B.A., and Graham J.M. Jr.: Rett syndrome: An update and review for the primary pediatrician: Common syndromes and management issues for primary care physicians. Clin Pediatr. 32:613-626, 1993.

3. **Braddock S.R.**, Lachman R.S., Charman Stoppenhagen C., Carey J.C., Ireland M., Moeschler J.B., Cunniff C., and Graham J.M. Jr.: Radiological features in Brachmann-de Lange syndrome. Am J Med Genet 47:1006-1013, 1993.

4. **Braddock S.R.** and Carey J.C.: A new syndrome: Congenital thrombocytopenia, Robin sequence, corpus callosal agenesis, distinctive facies, and developmental delay. Clinical Dysmorphol 3(1):75-81, 1994.

5. **Braddock S.R.**, Jones K.L., Bird L.M., Villegas I., and Jones M.C.: Anterior cervical hypertrichosis: A dominantly inherited isolated defect. Am J Med Genet 55:498-499, 1995.

6. **Braddock S.R.**, Grafe M.R., and Jones K.L.: Development of the olfactory nerve: Its relationship to the craniofacies. Teratology 51:252-256, 1995.

7. Casey H.D., **Braddock S.R.**, Haskins R.C., Carey J.C., and Morales L. Jr.: Fronto nasal malformation and the oculoauriculovertebral spectrum: The oculoauriculofrontonasal syndrome. Cleft Palate Craniofac J 33:519-523, 1996.

8. Schimmenti L.A., Cunliffe H.E., McNoe L.A., Ward T.A., French M.C., Shim H.H., Zhang Y.H., Proesmans W., Leys A., Byerly K.A., **Braddock S.R.**, Masuno M., Imaizumi K., Devriendt K., and Eccles M.E.: Further delineation of Renal-coloboma syndrome with extreme variability of phenotype and identical *PAX*2 mutations. Am J Hum Genet 60:869-878, 1997.

9. Schamberger M.S., Goel J., **Braddock S.R.**, Parsons D.S., and Tobias J.D.: Stevens-Johnson syndrome and respiratory failure in a 9-year old boy. South Med J 90:755-757, 1997.

10. Graham J.M. Jr., **Braddock S.R.**, Mortier G.R., Lachman R.S., Van Dop C., and Jabs E.W.: Syndrome of coronal craniosynostosis with brachydactyly and carpal/tarsal coalition due to Pro250Arg mutation in FGFR3 gene. Am J Med Genet 77:322-329, 1998.

11. Proud V.K., **Braddock S.R.**, Cook L., and Weaver D.D.: Weaver syndrome: Autosomal dominant inheritance of the disorder. Am J Med Genet 79:305-310, 1998.

12. Bohring A., Silengo M., Lerone M., Superneau D.W., Spaich C., **Braddock S.R.**, Poss A., and Opitz J.M.: Severe End of Opitz Trigoncephaly C Syndrome or New Syndrome? Am J Med Genet, 85: 438-446, 1999.

13. Gigantelli J.W., **Braddock S.R.**, and Johnson L.N.: Blepharoptosis and central nervous system abnormalities in combined valproate and hydantoin embryopathy. Ophth Plas Recon Surg 16:52-54, 2000.

14. **Braddock S.R.**, Henley K.M., Potter K.L., Nguyen H.G. and Huang T.H-M.: Tertiary trisomy due to a reciprocal translocation of chromosomes 5 and 21 in a four generation family. Am J Med Genet 92:311-317, 2000.

15. McMahon C.L. and **Braddock S.R.**: Septo-Optic Dysplasia as a Manifestation of Valproic Acid Embryopathy. Teratology 64:83-86, 2001.

16. Barone, C.M., Jimenez D.F., Laskey A.L., and **Braddock S.R.**: Establishment of normative data for orbital and nasal soft-tissue measurements among Filipino children. Journal Craniofac Surg 12(5):427-32, discussion 433, 2001.

17. Chamber C.D., **Braddock S.R.**, Briggs G.G., Einarson A., Johnson Y.R., Miller R.K., Polifka J.E., Robinson L.K., Stepanuk K, Jones K.L.: Postmarketing surveillance for human teratogenicity: a model approach. Teratology 64:252-261, 2001.

18. Barone C.M., Jimenez D.F., Laskey A., Alcantara B.G., **Braddock S.R.**: Bony orbital distances among the Filipino population. J Craniofac Surg 13(2):258-61, 2002.

19. Groeper K., Johnson J.O., **Braddock S.R.,** Tobias J.D.: Anaesthetic implications of Nager syndrome. Paediatr Anaesthes 12(4):365-8, 2002.

20. Fichter C.R., Johnson G.A., **Braddock S.R.** and Tobias J.D.: Perioperative care of the child with Johanson-Blizzard syndrome. Paediatr Anaesth 13:72-75, 2003.

21. Wilson M., Mowat D., Dastot-Le Moal F., Cacheux V., Kaariainen H., Cass D, Donnai D., Clayton-Smith J., Townsend S., Curry C., Gattas M., **Braddock S.**, Kerr B., Aftimos S., Zehnwirth H., Barrey C., Goossens M.: Further delineation of the phenotype associated with heterozygous mutations in ZFHX1B: "Mowat-Wilson" syndrome. Am J Med Genet 119:257-65, 2003.

22. **Braddock S.R.** Peck, D.S.: New Genetic Testing in Pediatrics. GCMS Journal 61:20, 2003. (Requested)

23. **Braddock S.R.**, Henley K.M. and Maria B.L. The face of Joubert syndrome: a study of dysmorphology & anthropometry. The Rainbow 12:9-11, 2003.

24. **Braddock S.R.** : A new recessive syndrome with VATER-like defects, pulmonary hypertension, abnormal ears, blue sclera, laryngeal webs and persistent growth deficiency. Am J Med Genet 123:95-99, 2003.

25. Mierisch R.F., Frasier L.D., **Braddock S.R.**, Giangiacomo J., Berkenbosch J.W.: Retinal hemorrhages in an 8-year-old child: An uncommon presentation of abusive injury. Pediatr Emerg Care 20(2):118, 2004.

26. Vomund A.N., **Braddock S.R.**, Krause G.F., Phillips C.L.: Potential modifier role of the R618Q variant of pro∀2(I) collagen in type I collagen fibrillogenesis: in vitro assembly analysis. Mol Genet Metab 82(2):144, 2004.

27. Armstrong L, El Moneim A, Aleck K, Aughton D, **Braddock SR**, Gillessen-Kaesbach G, Graham JM, Grebe TA, Gripp KW, Hall BD, Hennekam R, Hunter A, Keppler-Noreuil K, Lacombe D, Lin AE, Ming JE, Kokitsu-Nakata NM, Nikkel SM, Philip N, Raas-Rothschild A, Sommer A, Verloes A, Walter C, Wieczorek D, Williams MS, Zackai E, Allanson JE: Further Delineation of Kabuki Syndrome in 48 Well-Defined New Individuals. Am J Med Gen A 132(3):265, 2005.

28. Mengel M.B., Ulione M., Cook K., Wedding D., Rudeen K., **Braddock S.**, Ohlemiller M. Midwest family physicians' knowledge and attitudes about FAS, FASD, and alcohol use during pregnancy. JFAS Int 4:e7, 2006.

29. Williamson L, Kelley RI, Shackleton C, Arlt W, **Braddock SR**: Linking Antley-Bixler syndrome and congenital adrenal hyperplasia - a novel case of P450 oxidoreductase deficiency. Am J Med Genet A 140(17):1797, 2006.

30. Wedding D., Kohout J., Mengel M.B., Ohlemiller M., Ulione M., Cook K., Rudeen P.K., **Braddock S**.: Psychologists' knowledge and attitudes about FAS, FASD, and alcohol use during pregnancy. Professional Psychology: Research and Practice, 38(2):208, 2007.

31. Rudeen PK, Cook K, Mengel MB, Wedding D, **Braddock S**, Ohlemiller M.: Knowledge and attitudes about FAS, FASD, and alcohol use during pregnancy by occupational therapists in the Midwest. J Allied Health 36(3):e203, 2007.

32. Kang SH, Scheffer A, Ou Z, Li J, Scaglia F, Belmont J, Lalani SR, Roeder E, Enciso V, **Braddock S**, Buchholz J, Vacha S, Chinault AC, Cheung SW, Bacino CA: Identification of proximal 1p36 deletions using array-CGH: a possible new syndrome. Clin Genet 72(4)329, 2007.

33. **Braddock SR**, Henley KM, Maria BL: The face of Joubert syndrome: A study of dysmorphology and anthropometry. Am J Med Genet A. 143(24):3235, 2007.

34. Kim H., Kishikawa S., Higgins A.W., Seong I., Donovan D.J., Shen Y., Lally E., Weiss L.A., Najm J., Kutsche K., Descartes M., Holt L., **Braddock S.,** Troxell R., Kaplan L., Volkmar F., Klin A., Tsatsanis K., Harris D.J., Noens I., Pauls D.L., Daly M.J., MacDonald, M.E., Morton C.C., Quade B.J., Gusella J.F. Disruption of Neurexin 1 associated with autism spectrum disorder. Am J Hum Genet 82(1):199, 2008.

35. Miles J., Takahasi T.N., Hong J., Munden N., Flournoy N., **Braddock S.R.,** Martin R.A., Spence M.A., Hillman R.E., Farmer J.E.: Development and validation of a measure of dysmorphology: useful for autism subgroup classification. Am J Med Genet A,146(9):1101, 2008.

36. Lipinski MJ, Lipinski SE, Kripalani S, Friesen LD, Uthlaut BS, **Braddock SR**.: An unusual presentation of Ehlers-Danlos syndrome vascular type with deep vein thrombosis: a case for multidisciplinary management. Am J Med Genet A 149(4):698, 2009.

37. Chambers, CD, Johnson DL, Robinson LK, **Braddock SR**, Xu R, Lopez-Jimenez J, Mirrasoul N, Salas E, Luo YJ, Jin S, Jones KL, and the Organization of Teratology Information Specialists Collaborative Research Group. Birth outcomes in women who have taken leflunomide during pregnancy. Arthritis Rheum 62(5):1494, 2010.

38. **Braddock SR**, Ardinger HH, Chun-Song Yang, Paschal BM, Hall BD.: Petty syndrome and Fontaine-Farriaux syndrome: delineation of a single syndrome. Am J Med Genet A 152(7):1718, 2010.

39. Krone, N, Reisch N, Idkowiak J, Dhir V, Ivison HE, Hughes BA, Rose IT, O'Neil DM, Vijzelaar R, Smith MJ, Macdonald F, Cole TR, Adolphs N, Barton JS, Blair EM, **Braddock SR**, Collins F, Cragun DL, Dattani MT, Day R, Dougan S, Feist M, Gottschalk ME, Gregory JW, Haim M, Harrison R, Haskins Olney A, Hauffa BP, Hindmarsh PC, HOpkin RJ, JIra PE, Kempers M, Kerstens MN, Khalifa MM, Kohler B, Maiter D, Nielsen S, O'Riordan SM, Roth CL, Shane KP, SIlink M, Stikkelbroeck NM, Sweeney E, Szarras-Czapnik M, Waterson JR, Williamson L, Hartmann MF, Taylor NF, Wudy SA, Malunowicz EM, Shackleton CH, Arlt W.: Genotype-phenotype analysis in congenital adrenal hyperplasia due to P450 oxidoreductase deficiency. J Clin Endocrinol Metab 97(2):E257, 2012.

40. Cassina M, Johnson DL, Robinson LK, **Braddock SR**, Xu R, Lopez-Jimenez JL, Mirrasoul N, Salas E, Luo YJ, Jones KL, Chambers CD, and the Organization of Teratology Information Specialists Collaborative Research Group. Pregnancy outcome in women exposed to leflunomide before or during pregnancy. Arthritis Rheum 64(7):2085, 2012.

41. Solomon BD, Bear KA, Wyllie A, Keaton AA, Dubourg C, David V, Mercier S, Odent S, Hehr U, Paulussen A, Clegg NJ, Delgado MR, Bale SJ, Lacbawan F, Ardinger HH, Aylsworth AS, Bhengu NL, **Braddock S**, Brookhyser K, Burton B, Gaspar H, Grix A, Horovitz D, Kanetzke E, Kayserili H, Lev D, Nikkel SM, Norton M, Roberts R, Saal H, Schaefer GB, Schneider A, Smith EK, Sowry E, Spence MA, Shalev SA, Steiner CE, Thompson EM, Winder TL, Balog JZ, Hadley DW, Zhou N, Pineda-Alvarez DE, Roessler E, Muenke M. Genotypic and phenotypic analysis of 396 individuals with mutations in Sonic Hedgehog. J Med Genet 49(7):473, 2012.

42. Braddock BA, McDaniel J, Spragge S, Loncke F, **Braddock SR**, Carey JC. Communications in persons with Trisomy 18 and Trisomy 13. AAC Augmentative and Alternative Communication 28(4):266, 2012.

43. Torti EE, **Braddock SR**, Bernreuter K, Batanian JR. Oculo-auriculo-vertebral spectrum, Cat-eye, and Distal 22q11 microdeletion syndromes: a unique double rearrangement. Am J Med Genet 161A(8):1992, 2013.

44. Liang CA, Braddock BA, Heithaus JL, Christensen KM, **Braddock SR**, Carey JC. Reported communication abilities of persons with trisomy 18 and trisomy 13. Dev Neurorehabil, epub November 1, 2013.

45. Batanian JR, **Braddock SR**, Christensen K, Knutsen AP. Combined immunodeficiency in a 3 year old boy with 16p11.2 and 20p12.2-11.2 chromosomal duplications, Am J Med Genet A 164A(2):535, 2014.

46. Pota P, Grammatopoulou V, Torti E, **Braddock S**, Batanian JR. Instability of isochromosome 4p in a child with pure trisomy 4p syndrome features and entire 4q-arm translocation. Cytogenet Genome Res. 144(4):280, 2014. Epub 2015 Jan 28.

47. Bieser S, Reis M, Guzman M, Gauvain K, Elbabaa S, **Braddock SR**, Abdel-Baki MS. Grade II pilocytic astrocytoma in a 3-month-old patient with encephalocraniocutaneous lipomatosis (ECCL): Case report and literature review of low grade gliomas in ECCL. Am J Med Genet A 167(4):878, 2015.

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ABSTRACTS

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PRESENTATIONS

National and International

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2. **Braddock S.R.**, and Carey J.C.: A new syndrome: Thrombocytopenia, Robin sequence, corpus callosal agenesis, distinctive facies, and developmental delay. Presented at the Western Society for Pediatric Research, Carmel, CA. February, 1990.

3. **Braddock S.R.**, Carey J.C., Morales L., and Haskins R.C.: Frontonasal malformation and the oculoauriculovertebral spectrum: the oculoauriculofrontonasal "syndrome." Presented at the Western Society for Pediatric Research, Carmel, CA. February 1991.

4. **Braddock S.**, Lachman R., Charman C., Carey J.C., Ireland M., Graham J.M. Jr.: Radiological Features in Brachmann-deLange Syndrome. Presented at the XII David W. Smith Workshop on Malformations and Morphogenesis, Lake Arrowhead, CA. September 27 - October 1, 1991.

5. **Braddock, S.R.**, Lachman R.S., and Graham J.M. Jr.: The radiology of mild de Lange syndrome. Presented at the Western Society for Pediatric Research, Carmel, CA. February 5-8, 1992.

6. **Braddock S.R.**, Charman C.E., Clarren S.K., and Graham J.M. Jr.: Distinguishing characteristics and long term outcomes associated with malformational vs. deformational craniosynostosis. Presented at the 1992 Teratology Society Annual Meeting, Boca Raton, FL. June 27-July 2, 1992. Awarded the Teratology Society Young Investigator Travel Award.

7. Garber A.P., Carlson D.E., Klein J., Schreck R., **Braddock S.R.**, and Graham J.M. Jr.: Clinical findings in mosaic trisomy 16. Presented at the 1992 Teratology Society Annual Meeting, Boca Raton, FL. June 27-July 2, 1992.

8. **Braddock S.R.** and Graham J.M. Jr.: Ventruto syndrome: A second family report. Presented at the XIII David W. Smith Workshop on Malformations and Morphogenesis. Winston-Salem, N.C. August 5-9, 1992.

9. **Braddock S.R.**, Jones K.L., Superneau D.W., and Jones M.C.: Sagittal craniosynostosis Dandy-Walker malformation and hydrocephalus: A unique multiple malformation syndrome. Presented at the Western Society for Pediatric Research, Carmel, Ca. February 18-20, 1993.

10. **Braddock S.R.** and Jones K.L.: The breech position: Implications with respect to testicular descent. Presented at the Western Society for Pediatric Research, Carmel, CA. February 18-20, 1993.

11. **Braddock S.R.**, Grafe M.R., and Jones K.L.: Development of the olfactory nerve: Its relationship to the craniofacies. Presented at the XIV David W. Smith Workshop on Morphogenesis and Malformations. Mont Tremblant, Canada. August 12-17, 1993.

12. **Braddock S.R.**, Jones K.L., Martin R.A., Grafe M.R., and Benirschke K.: Human tails: Evidence for a defect in retrogressive differentiation. Presented at the XIV David W. Smith Workshop on Morphogenesis and Malformations. Mont Tremblant, Canada. August 12-17, 1993.

13. Martin R.A, **Braddock S.**, Georgy B., Robinson L., Budorick N.E., and Jones K.L.: The lack of subclavian artery hypoplasia in Poland anomaly using various imaging modalities. Presented at the XIV David W. Smith Workshop on Morphogenesis and Malformations. Mont Tremblant, Canada, August 12-17, 1993.

14. **Braddock S.R.**, Jones K.L., Salafsky I.S., and Millar E.A.: Bilateral fibular hypoplasia: A dominant disorder with variable expressivity. Presented at the Western Society for Pediatric Research, Carmel, CA. February 10-12, 1994.

15. **Braddock S.R.**, Jones K.L., Bird L.M., Villegas I., and Jones M.C.: Hairy throat: A dominantly inherited isolated defect. Presented at the Western Society for Pediatric Research, Carmel, CA. February 10-12, 1994.

16. Jones K.L., **Braddock S.R.**, Curry C., and Benirschke K.: Possible teratogenesis of Encainide. Presented at the 1994 Teratology Society Meeting, San Juan, Puerto Rico. June 25-30, 1994.

17. **Braddock S.R.**, Jones K.L., Reynaldo R., and Bejar R.: The relationship between palpebral fissures and ocular size. Presented at the XV David W. Smith Workshop on Malformations and Morphogenesis. Tampa, FL. August 4-9, 1994.

18. **Braddock S.R.**, Jones K.L., Lachman R.S., Salafsky I.S., and Millar E.A.: Mesomelic dysplasia with fibular hypoplasia. Presented at the 44th American Society for Human Genetics Meeting, Montreal, Canada. October 18-21, 1994

19. **Braddock, S.R.**: Minor Malformations, Philippine-American Group of Educators and Surgeons Craniofacial Workshop, St. Martin de Porres Hospital, Manila, 60 people, January 14, 1995.

20. **Braddock, S.R.**: Conditions Associated with Encephaloceles, Philippine-American Group of Educators and Surgeons Craniofacial Workshop, St. Martin de Porres Hospital, Manila, 60 people, January 14, 1995.

21. **Braddock S.R.**, Barone C.M., Jimenez D.F., Guverra M., Nicodemus H., and Tongson T.: Anterior encephaloceles in the Philippines: Clinical phenotypes, associations, and prognosis. Presented at the XVI David W. Smith Workshop on Malformations and Morphogenesis. Big Sky, MT. July 29 - August 3, 1995.

22. Bird, L.M., **Braddock S.R.**, Jones K.L., and Jones M.C.: Breast tissue hypoplasia- another minor malformation seen in Down syndrome. Presented at the XVI David W. Smith Workshop on Malformations and Morphogenesis. Big Sky, MT. July 29-August 3, 1995.

23. **Braddock S.R.**, Barone C.M., Jimenez D.F., Guverra M., Nicodemus H., and Tongson T.: Anterior encephaloceles in the Philippines: Clinical phenotypes, associations, and prognosis. Presented at the 45th American Society for Human Genetics Meeting, Minneapolis, MN. October 24-28, 1995.

24. **Braddock, S.R.**: Approach to the Dysmorphic Patient, Philippine Medical Society, St. Martin de Porres Department of Pediatrics, Manila Symposium, 45 people, July 2, 1996.

25. **Braddock S.**, Murray J., Barone C., Jimenez D., Guverra M., and Tongson T.: Isolated frontonasal malformation as a familial recessive disorder. Presented at the XVII David W. Smith Workshop on Malformations and Morphogensis. Lake Arrowhead, CA. September 26 - October 1, 1996.

26. **Braddock S.** and Byerly K.: "Tatoo" syndrome: Two new cases with autosomal dominant inheritance. Presented at the XVII David W. Smith Workshop on Malformations and Morphogenesis. Lake Arrowhead, CA. September 26 - October 1, 1996.

27. Shim H., Byerly K.A., **Braddock S.R.**, Eccles M.R., Zhang Y.H., and Schimmenti L.A.: Further delineation of PAX 2 mutations in coloboma-ureteral-renal syndrome. Presented at the XVII David W. Smith Workshop on Malformations and Morphogenesis. Lake Arrowhead, CA. September 26 - October 1, 1996.

28. Schimmenti L.A., Byerly K.A., **Braddock S.R.**, Eccles M.R., Zhang Y.H., and Shim H.H.: Mutation in PAX 2 in a patient with coloboma-ureteral-renal syndrome. Presented at the 46th American Society of Human Genetics Meeting, San Francisco, CA. October 29 - November 2, 1996.

29. Bird L.M., Allada V., **Braddock S.**, Jones K.L., and Casey B.: Isolated cardiac malformations as manifestations of familial left-right asymmetry defects. Presented at the 46th American Society of Human Genetics Meeting, San Francisco, CA. October 29 - November 2, 1996.

30. **Braddock S.**, Murray J., Barone C., Jimenez D., Guverra M., and Tongson T.: Isolated frontonasal malformation as a familial recessive disorder. Presented at the 54th American Cleft Palate Association Meeting, New Orleans, LA. April 7 - 12, 1997.

31. **Braddock S.R.**, Williamson-Kruse L., Peckham D., Chen X-N., and Korenberg J.R.: Trisomy 21: A case of severe genotype-phenotype discordance. Presented at the XVIII David W. Smith Workshop on Malformations and Morphogenesis, Pawleys Island, SC. August 13 - 17 , 1997.

32. **Braddock S.R.**, Witter S., Evans M.L., and Benirschke K.: Turner syndrome and tertraploidy mosaicism: A unique liveborn case of mixoploidy. Presented at the XVIII David W. Smith Workshop on Malformations and Morphogenesis, Pawleys Island, SC. August 13 - 27, 1997.

33. **Braddock S.R.**, Williamson-Kruse L., Peckham D., Chen X-N., and Korenberg J.R.: Trisomy 21: A case of severe genotype discordance. Presented at the 47th American Society of Human Genetics Meeting, Baltimore, MD. October 28 - November 1, 1997.

34. **Braddock S.**, Laskey A., Barone C., Jimenez D., and Tongson T.: Anterior encephaloceles and hypertelorism in the Philippines. Presented at the XIX David W. Smith Workshop on Malformations and Morphogensis, Whistler, British Columbia, Canada. August 6 - 10, 1998.

35. **Braddock S.R.**, Henley K.M., Nguyen H., and Huang T.H.M.: Tertiary trisomy due to a reciprocal translocation of chromosomes 5 and 21 in a five generation family. Presented at the 48th American Society of Human Genetics Meeting, Denver, CO. October 27 - 31, 1998.

36. Laskey A.L., Barone C.M., Jimenez D.F., and **Braddock S.R.**: Orbital hypertelorism in Filipino sincipital encephalocele patients. Presented at the 48th American Society of Human Genetics Meeting, Denver, CO. October 27 - 31, 1998.

37. **Braddock S.R.** and Wang C.H.: Autosomal dominant microcephaly with possible genetic anticipation. Presented at the Western Society for Pediatric Research, Carmel, CA. January 27 - 30, 1999.

38. **Braddock S.R.** and Dobyns W.B.: X-linked diffuse bilateral polymicrogyria: A new syndrome. Presented at the XX David W. Smith Workshop on Malformations and Morphogenesis, Schlangenbad, Germany, August 3-9, 1999.

39. Chambers C.D., **Braddock S.**, Briggs J., Einarson A., Johnson Y., and Jones K.: Post-marketing surveillance for human teratogenecity: A novel approach. Presented at the 13th Organization of Teratogen Information Services Annual Meeting, Palm Beach Florida, June 27-27, 2000.

40. **Braddock S.R.**, Vomund A., Cully A., Chen D., Pepin M., Byers P.H., Godfrey M. and Phillips C.L.: The Search for Non-fibrillin Defects in Patients with Marfanoid Habitus: Does the COL1A2 R618Q allele have a role? Presented at the XXI David W. Smith Workshop on Malformations and Morphogenesis, San Diego, CA, August 2-6, 2000.

41. Vomund A.N., **Braddock S.R.**, Cully A., Chen D., Pepin M., Byers P.H., Godfrey M. and Phillips C.L.: Is the pro∀2(I) collagen R618Q allele associated with specific connective tissue disorders or a rare variant? Presented at the 50th American Society of Human Genetics Annual Meeting , Philadelphia, PA, October 3-7, 2000.

42. **Braddock S.R.**, Barone C.M., and Martin R.A.: Premaxillary agenesis with normal brain: Implications for morphogenesis. Presented at the XXII David W. Smith Workshop on Malformations and Morphogenesis, Lake Arrowhead, CA, September 7-12, 2001.

43. **Braddock S.R.**, Henley K.M., and Maria B.L.: The face of Joubert syndrome: A study of dysmorphology and anthropometry. Presented at the XXIII David. W. Smith Workshop on Malformations and Morphogenesis, Greenville, SC, August 7-11, 2002.

44. **Braddock S.R.**, Henley K.M., and Maria B.L.: The face of Joubert syndrome: A study of dysmorphology and anthropometry. Presented at the 52nd American Society of Human Genetics Annual Meeting, Baltimore, MD, October 15-19, 2002.

45. Vomund A.N., **Braddock S.R.**, and Phillips C.L.: Potential modifier role of the R618Q variant of Pro∀2(I) collagen in type I collagen fibrillogenesis: In vitro assembly analyses. Presented at the 52nd American Society of Human Genetics Annual Meeting, Baltimore, MD, October 15-19, 2002.

46. **Braddock S.R.** : A new recessive syndrome with VATER-like defects, pulmonary hypertension, abnormal ears, blue sclera, laryngeal webs and persistent growth deficiency. Presented at the Bryan D. Hall Festschrift, Lake Arrowhead, CA, March 12, 2003.

47. Henley K.M., Maria B.L., Liu D.T., and **Braddock S.R.** Dysmorphology and Anthropometry of Joubert Syndrome. Pediatr Res 53:81-2A, 2003. Presented at the Pediatric Academic Society/Society for Pediatric Research annual meeting, Seattle, WA, May 3-6, 2003.

48. **Braddock S.R.**, Srivastava R., and Bradley K.: Arthrogryposis, congenital hypertension, sensorineural hearing loss, facial and genitourinary abnormalities, and growth deficiency: a new syndrome. Presented at the XXIV David W. Smith Workshop on Malformations and Morphogenesis, Vancouver, British Columbia, August 7-11, 2003.

49. Miles J, Bocian M, Farmer J, Takahashi N, Spence M, **Braddock S**, Martin R, Hong J. Autism and dysmorphology: a valid observational tool. Presented at the 53rd American Society of Human Genetics Annual Meeting, Los Angeles, CA, November 4 - 7, 2003.

50. **Braddock S.R.**, Williamson L., Shackleton C, Kelley R.I.: Antley-Bixler syndrome: face, skeleton, genitalia, CNS and adrenal hyperplasia; Evidence of defective steroidogenesis. Proceedings of the Greenwood Genetics Center 24, 2005. Presented at the XXV David W. Smith Workshop on Malformations and Morphogenesis, Snowbird, UT, August 18-21, 2004.

51. Buchholz J.L., Schwarze U., Pepin M., Byers P.H., **Braddock S.R.** Defining the spectrum of vascular Ehlers-Danlos syndrome: a novel *COL3A1* mutation with a mild phenotype. Proceedings of the Greenwood Genetics Center, 25:105, 2006. Presented at the XXVI David W. Smith Workshop on Malformations and Morphogenesis, Iowa City, Iowa, August 2-6, 2005.

52. Rimoin DL, Krakow D, Wilcox W, Ghizzoni L, **Braddock S**, Unger S, Superti-Furga A, Mortier G, Hall J, Alaney Y, Lachman R. Acrolaryngeal dysplasia: a distinct autosomal dominant acromelic syndrome. Presented at the European Society of Human Genetics meeting, Amsterdam, The Netherlands, May 7, 2006.

53. **Braddock SR**, Johnson JP, Phillips CL. HERDA and Ehlers-Danlos syndrome: a horse of a different color? Proceedings of the Greenwood Genetics Center, in press, 2007. Presented at the 27th David W. Smith Workshop on Malformations and Morphogenesis, Lake Arrowhead, CA, September 8-13, 2006.

54. Krakow D, Wilcox W, Ghizzoni L, **Braddock S**, Unger S, Superti-Furga S, Mortier G, Hall J, Alaney Y, Lachman R, Rimoin RL. Acrolaryngeal dysplasia: a distinct autosomal dominant acromelic syndrome. Proceedings of the Greenwood Genetics Center, in press, 2007. Presented at the 27th David W. Smith Workshop on Malformations and Morphogenesis, Lake Arrowhead, CA, September 8-13, 2006.

55. Martin RA, Remschisel T, **Braddock S**, Roa BB, Del Gaudio D, Cheung SW, Eng C. Review of X-linked mental retardation caused by MECP2 duplication and the first report of MECP2 triplication in a dysmorphic male. Proceedings of the Greenwood Genetics Center 26, 2007. Presented at the 27th David W. Smith Workshop on Malformations and Morphogenesis, Lake Arrowhead, CA, September 8-13, 2006.

56. Chambers CD, Jones KL, Johnson DL, **OTIS Collaborative Research Group**. Pregnancy outcome following early gestational exposure to leflunomide. Birth Defects Research, Part A 79(5):363, 2007. Presented at the 47th Teratology Society Annual Meeting, Pittsburgh, PA, June 25, 2007.

57. Bakhireva LN, Schatz M, Jones KL, Tucker CM, Johnson D, Klonoff-Cohen HS, Chambers CD, **OTIS Collaborative Research Group**. Evaluation of disease severity and control in drug safety studies. Birth Defects Research, Part A 79(5):445, 2007. Presented at the Organization of Teratogen Information Specialists meeting, Pittsburgh, PA, June 26, 2007.

58. **Braddock SR**, Saller DN, Gaskin CM, LeGallo RD. Unique anterior body wall defect in an acardiac twin: a series of unusual vascular events. Proceedings of the Greenwood Genetics Center 27:59, 2008. Presented at the 28th David W. Smith Workshop on Malformations and Morphogenesis, Williamsburg, VA, August 8-12, 2007.

59. **Braddock SR,** Golabi M, Hall BD. Petty syndrome: further delineation of a rare "old" syndrome. Proceedings of the Greenwood Genetics Center 28:34, 2009. Presented at the 29th David W. Smith Workshop on Malformations and Morphogenesis, Mont Tremblant, Quebec, August 8-13,2008.

60. Jones KL, Robinson LK, **Braddock S**, Johnson D, Chambers CD. Chondrodysplasia punctata and maternal systemic lupus erythematosus. Proceedings of the Greenwood Genetics Center 28:111, 2009. Presented at the 29th David W. Smith Workshop on Malformations and Morphogenesis, Mont Tremblant, Quebec, August 8-13,2008.

61. The Marfan Syndrome: Genetics Past & Present, St. Louis University Pediatric Grand Rounds, 50 people, October 22, 2008.

62. The Marfan Syndrome: Genetics Past & Present, Children's Mercy Hospital Academic Scholarship Conference, 200 people, Kansas City, MO, February 27, 2009.

63. **Braddock SR**, Thomas MJ. Cerebellar atrophy in YWHAE submicroscopic duplication: a new syndrome. Proceedings of the Greenwood Genetics Center, 2010 in press. Presented at the 30th David W. Smith Workshop on Malformations and Morphogenesis, Philadelphia, PA, August 6-9, 2009.

64. The Fetal Alcohol Syndrome. National Institutes of Health Genetic Counseling Program, 25 people, September 18, 2009.

65. **Braddock SR**, Thomas MJ, Hair AB. Deletion 17q25.3: CHARGE syndrome heterogeneity or a unique syndrome. Proceedings of the Greenwood Genetic Center, 2011 in press. Presented at the 31st David W. Smith Workshop on Malformations and Morphogenesis, Union, WA, August 27-September 1, 2010.

66. Practice of Inter-professional Medical Practice Model with FASD Clients/Patients. MRFASTC Booster Event, 40 people, St. Louis, MO, March 24, 2011.

67. Braddock BA, **Braddock** SR, Carey JC. Neurodevelopmental perspectives in older individuals with trisomy 18 and trisomy 13. Presented at the 2011 Pediatric Academic Society Meetings, Denver, CO, April 30-May 3, 2011.

68. FASD: A community-based approach to diagnosis and treatment. Presented at the 2011 Organization of Teratogen Information Specialists Meeting, Coronado, CA, June 24-28, 2011.

69. **Braddock SR**, Schiffman JD, South ST, Carey JC. Braddock-Carey syndrome: A twenty year journey ends with a new microdeletion syndrome. Presented at the 32nd David W. Smith Workshop on Malformations and Morphogenesis, Lake Arrowhead, CA, September 9-14, 2011.

70. **Braddock SR**, Kanetzke EE, Bernreuter K, Batanian JR. Hemifacial microsomia, Cat-eye and distal 22q11 syndromes: a unique double rearrangement. Presented at the 33rd David W. Smith Workshop on Malformations and Morphogenesis, Lake Lanier, GA, August 8-12, 2012.

71. Solomon BD, Bear KA, Wyllie A, Keaton AA, Dubourg C, David V, Mercier S, Odent S, Hehr U, Paulussen A, Clegg NJ, Delgado MR, Bale SJ, Lacbawan F, Ardinger HH, Aylsworth AS, Bhengu NL, **Braddock S**, Brookhyser K, Burton B, Gaspar H, Grix A, Horovitz D, Kanetzke E, Kayserili H, Lev D, Nikkel SM, Norton M, Roberts R, Saal H, Schaefer GB, Schneider A, Smith EK, Sowry E, Spence MA, Shalev SA, Steiner CE, Balog JZ, Hadley DW, Zhou N, Pineda-Alvarez DE, Hong S-K, Feldman B, Roessler E, Muenke M. Genotypic and phenotypic analysis of 396 individuals with *Sonic Hedgehog* mutations and development of a clinically applicable biosensor assay to determine variant pathogenicity. Presented at the 33rd David W. Smith Workshop on Malformations and Morphogenesis, Lake Lanier, GA, August 8-12, 2012.

72. **Braddock SR**, Christensen KM, Torti EE, Elbabaa SK. Encephalocraniocutaneous lipomatosis: Evidence for mosaicism and early brain tumors. Presented at the 34th David W. Smith Workshop on Malformations and Morphogenesis, Mont Tremblant, Quebec, August 9-14, 2013.

73. Pollard LM, **Braddock SR**, Christensen KM, Boylan DJ, Smith LD, Heese BA, Atherton AM, Lawson CE, Strenk ME, Willing M, Manwaring L, Wood TC. Three apparent pseudo-deficiency alleles in the IDUA gene identified through newborn screening. Presented at the 63rd American Society for Human Genetics Annual Meeting, Boston, MA, October 22-26, 2013.

74. **Braddock SR**. Unknown: A case of Fine-Lubinsky syndrome. Presented at the 35th David W. Smith Workshop on Malformations and Morphogenesis, Madison, WI, July 25-30, 2014.

State and Local

Professionals

1. An Introduction to Dysmorphology, School of Nursing, Nurse Practitioner Program, 20 people, January 10, 1995.

2. Drugs and Pregnancy: Fetal Development, School of Nursing, Nurse Practitioner Program, 12 people, February 22, 1995.

3. Teratogens, UMC Department of OB/GYN Resident Didactic Course, 10 people, March 8, 1995.

4. Deformations, Grand Rounds, UMC Department of Child Health, 40 people, March 17, 1995.

5. Fetal Alcohol Syndrome, Division of Alcohol and Drug Abuse Spring Training Institute, 100 people, May 3, 1995.

6. Neurofibromatosis, Department of Child Health Resident Lecture, 8 people, May 15, 1995.

7. What Do I Do With the Child Who Has Some Dysmorphic Features, 17th Common Childhood Problems Conference, UMC, 120 people, June 10, 1995.

8. The Effect of TGF-alpha Taq1 Allele on Cleft Palate, Molecular Genetics Journal Club, 10 people, July 11, 1995.

9. Minor Malformations, UMC Department of Plastic Surgery Resident Lecture Series, 10 people, July 19, 1995.

10. Dysmorphology, Department of Pathology Resident Lecture Series, 20 people, August 8, 1995.

11. Down Syndrome, Department of Child Health Resident Lecture Series, 7 people, September 21, 1995.

12. Teratogens, 14th Missouri Conference on Genetic Disorders, 120 people, October 12, 1995.

13. DiGeorge Sequence, 14th Missouri Conference on Genetic Disorders, 50 people, October 13, 1995.

14. Mendelian Inheritance, UMHSC OB/GYN Department Grand Rounds, 35 people, January 12, 1996.

15. Update in Genetics: Minor Malformations, Departments of Pediatrics and OB/GYN Grand Rounds, St. Mary's Hospital, Jefferson City, 25 people, January 15, 1996.

16. Minor Malformations, UMC Post-Masters Nurse Practitioner Class, 30 people, February 9, 1996.

17. Deformations, UMHSC OB/GYN Department Grand Rounds, 50 people, March 22, 1996.

18. Minor Malformations, UMC Post-Masters Nurse Practitioner Class, 30 people, April 2, 1996.

19. PAX 2 Genes, UMC Division of Medical Genetics Conference, Braddock and Byerly, 10 people, July 9, 1996.

20. Rett Syndrome, UMC Department of Neurology & Psychiatry Grand Rounds, 50 people, August 1, 1996.

21. Minor Malformations, Department of Nursing Grand Rounds, St. Mary's Hospital, Jefferson City, 30 people, August 2, 1996.

22. Minor Malformations, UMC Post-Masters Nurse Practitioner Class, 30 people, September 5, 1996.

23. Dysmorphology, UMC Department of Family and Community Medicine Grand Rounds, 25 people, September 10, 1996.

24. Rett Syndrome, UMC Department of Child Health Grand Rounds, 75 people, September 13, 1996.

25. Vomund A.N., Phillips C.L., and Braddock S.R.: A possible connection between collagen and the Marfan syndrome. Research Expo VI, University of Missouri-Columbia. Presented October 1, 1996.

26. Think Before You Drink: The Fetal Alcohol Syndrome, 15th Annual Missouri Conference on Genetic Disorders, Lake of the Ozark, 100 people, November 14, 1996.

27. Teratology, 15th Missouri Conference on Genetic Disorders, Lake of the Ozarks, 100 people, November 15, 1996.

28. Minor Malformations, Mead Johnson Nursing Series Lecture, Jefferson City, 30 people, November 23, 1996.

29. Vomund A.N., Phillips C.L., and Braddock S.R.: Marfan syndrome: abnormal migration of type I collagen in patients with normal fibrillin. Molecular Biology Week 1997, University of Missouri-Columbia. Presented March 4, 1997.

30. Minor Malformations, Post-Master's Nurse Practitioner Class, 30 people, March 18, 1997.

31. Minor Malformations, March of Dimes Nursing Conference, Columbia, 35 people, March 19, 1997.

32. Amniotic Bands, Child Health Problem Conference, 30 people, May 3, 1997.

33. Minor Malformations, UMC Nurse Midwives Course, 20 people, October 1, 1997.

34. Laskey A., Barone C.M., Jimenez D.F., and Braddock, S.R.: Orbital hypertelorism in Filipino sincipital encephalocele patients. Student Research Day,University of Missouri-Columbia. Presented November 12, 1997.

35. Vomund A.N., Phillips C.L., and Braddock, S.R.: Marfan syndrome: a role for type I collagen. Student Research Day, University of Missouri-Columbia. Presented November 12, 1997.

36. Teratology, 23rd Symposium on Obstetrics & Gynecology, Washington University School of Medicine, 200 people, November 14, 1997.

37. What Happens in Genetics Clinic? 16th Missouri Genetic Disorders Conference, St. Louis, 40 people, November 21, 1997.

38. Ryther R.C., Vomund A.N., Braddock, S.R. and Phillips C.L.: PCR restriction endonuclease assay for identification of the R618Q substitution in the Pro∀2(I)collagen gene in normal individuals and Marfan-like connective tissue patients. Molecular Biology Week 1998, University of Missouri-Columbia. Presented on March 10, 1998.

39. Hypertrophic Cardiomyopathy, Genetics Journal Club, 15 people, April 12, 1998.

40. Teratology, Child Health Grand Rounds, 50 people, May 8, 1998.

41. Anterior Encephaloceles in the Philippines: Clinical Phenotypes, Associations, and Prognosis, University of Missouri Alumni Weekend Scientific Program, 120 people, October 16, 1998.

42. Minor Malformations, Advanced Nurse Practitioner course, 12 people, October 20, 1998.

43. Cully A., Vomund T.N., Braddock S.R. and Phillips C.L.: Search for Type I Collagen Abnormalities in Marfan-Like Connective Tissue Disease. Presented at Student Research Day, November 12, 1998, sponsored by MU School of Medicine and School of Medicine Research Council.

44. An Overview of Teratology, SE Missouri AHEC Conference, Cape Girardeau, MO, 15 people, August 19, 1999.

45. Minor Malformations, Child Health Grand Rounds, 55 people, October 1, 1999.

46. Cully A.C., Vomund T.N., Braddock S.R., and Phillips C.L.: Screening for Type I Collagen Abnormalities in Connective Tissue Disorders. Presented at Student Research Day, November 11, 1999. First prize winner in Category I.

47. Enhancing Obstetric Services at UHC, Millenium 2000 presentation, Columbia, MO, 50 people, October 27, 2000.

48. Clinical Teratology, Department of Psychology Seminar, Columbia, MO, 15 people, April 1, 2002.

49. Missouri Teratogen Information Service, Mid-Missouri Pharmacy Meeting, 40 people, Columbia, MO, May 16, 2002.

50. Joubert Syndrome, Child Health Grand Rounds, 65 people, August 30, 2002.

51. Henley K.M., Maria B.L., Liu D.T. and Braddock S.R.: Characterizing the face of Joubert syndrome: A study in dysmorphology and anthropometry. Presented at Student Research Day, November 7, 2002.

52. History of Fetal Alcohol Syndrome - The Path Traveled, Fetal Alcohol Syndrome Conference, Missouri Department of Health, Columbia, MO, 240 people, May 2, 2003.

53. The Future of Fetal Alcohol Syndrome in Missouri - The Road Ahead, Fetal Alcohol Syndrome Conference, Missouri Department of Health, Columbia, MO, 240 people, May 2, 2003.

54. Teratology: Past, Present and Future, Child Health Grand Rounds, 100 people, October 3, 2003.

55. Statins in Pregnancy, Pfizer conference, New York City, 6 people, October 27, 2003.

56. Statins in Pregnancy, Bristol Myer Squibb conference, Princeton, NJ, 8 people, October 27, 2003.

57. Fetal Alcohol Syndrome, Yesterday, Today and Tomorrow, UMKC-Children's Mercy Hospital Grand Rounds, 45 people, October 31, 2003.

58. Fetal Alcohol Syndrome Through the Ages, FAS Yesterday, Today and Tomorrow Conference, Kansas City Department of Health, 150 people, October 31, 2003.

59. Alcohol and Pregnancy: What Your Mother (and Doctor) Didn't Know, FAS Yesterday, Today and Tomorrow Conference, Kansas City Department of Health, 150 people, October 31, 2003.

60. Fetal Alcohol Syndrome Issues for the Next Thirty Years, FAS Yesterday, Today and Tomorrow Conference, Kansas City Department of Health, 150 people, October 31, 2003.

61. Beyond Diagnosis - Construction of a Treatment Plan, Fetal Alcohol Syndrome Train the Trainer Conference, March 18-19, 2004, St. Louis University, 45 attendees.

62. Fetal Alcohol Syndrome for Child Health Providers, Cox Health Systems and St. John's Hospital Pediatricians, Springfield, MO, 15 attendees, April 5, 2004.

63. Fetal Alcohol Syndrome, Through the Ages: FAS Primer, Southwest Missouri State University, Springfield, MO, April 6, 2004, 55 attendees.

64. Alcohol & Pregnancy - What Your Mother (and Doctor) Didn't Know!, Southwest Missouri State University, Springfield, MO, April 6, 2004, 55 attendees.

65. Fetal Alcohol Syndrome (FAS): Yesterday, Today and Tomorrow, Southwest Missouri State University, Springfield, MO, April 6, 2004, 55 attendees.

66. Significance of Dysmorphology, Neuropsychiatry Rounds, Rusk, 15 attendees, April 9, 2004.

67. History of FAS, Recognition & Diagnosis and Impact of Other Drugs, Fetal Alcohol Syndrome & Other Drug Effects Conference, Greater Substance Abuse Task Force, DePaul Hospital, St. Louis, MO, 160 attendees, April 23, 2004.

68. Fetal Alcohol Syndrome for Women & Child Health Providers I, Family Health Center (FQHC), Columbia, MO 19 attendees, August 3, 2004.

69. Fetal Alcohol Syndrome for Women & Child Health Providers II, Family Health Center (FQHC), Columbia, MO, 18 people, August 10, 2004.

70. Fetal Alcohol Syndrome for Women & Children Providers, McCambridge Center, Columbia, MO, 25 people, August 10, 2004.

71. Fetal Alcohol Syndrome for Women & Children Providers (FQHC), Richland, MO 12 people, July 8, 2005.

72. Fetal Alcohol Syndrome for Women & Children Providers (FQHC), Ava, MO 15 people, July 19, 2005.

73. Fetal Alcohol Syndrome for Women & Children Providers (FQHC), Springfield, MO 20 people, August 16, 2005.

74. Fetal Alcohol Syndrome for Women & Children Providers (FQHC), Anderson, MO 15 people, August 16, 2005.

75. Fetal Alcohol Syndrome for Women & Children Providers, St. Louis University, 120 people, September 12, 2005.

76. Fetal Alcohol Syndrome for Women & Children Providers, St. Louis University, 100 people, September 13, 2005.

77. Minor Malformations, UVA Pediatric Conference, 21 persons, March 6, 2006.

78. Teaching the FAS Diagnostic Guidelines, MRFASTC Academic Faculty Conference, 30 people, November 4, 2006.

79. Teaching a Comprehensive Treatment Approach to FAS, MRFASTC Academic Faculty Conference, 30 people, November 4, 2006.

80. Teaching FAS Recognition and Diagnostic Skills: A Skill Based Workshop, MRFASTC Academic Faculty Conference, 30 people, November 4, 2006.

81. Fetal Alcohol Syndrome: Past, Present, And Future, KCRC Grand Rounds, Charlottesville, VA, 20 people, January 9, 2007.
82. Fetal Alcohol Syndrome, Bristol/Abingdon Health Department, Abingdon, VA, 25 people, February 13, 2007.

83. Minor Malformations, Lynchburg Pediatric Group, Lynchburg, VA, 8 people, March 7, 2007.

84. Fetal Alcohol Syndrome, Virginia Genetics Advisory Committee, Richmond, VA, 22 people, April 17, 2007.

85. Fetal Alcohol Syndrome: More Common Than You Think, McLemore Birdsong Pediatric Conference, 150 people, Hot Springs, VA, April 29, 2007.

86. Interesting Genetic Cases Workshop, McLemore Birdsong Pediatric Conference, 10 people, Hot Springs, VA, April 29, 2007.

87. Interesting Genetic Cases Workshop, McLemore Birdsong Pediatric Conference, 6 people, Hot Springs, VA, April 29, 2007.

88. Fetal Alcohol Syndrome, Lynchburg Community Pediatric Group Lecture, 5 people, Lynchburg, VA, May 2, 2007.

89. Fetal Alcohol Syndrome, Abingdon Health Department, 40 people, May 10, 2007.

90. Interesting Case Presentation, Lynchburg Community Pediatric Group Lecture, 6 people, Lynchburg, VA, August 1, 2007.

91. Craniofacial Syndromes, UVA ENT Conference, 24 people, August 22, 2007.

92. Interesting Case Presentation, UVA OB/Gyn Conference, 30 people, September 19, 2007.

93. Syndromes with Congenital Heart Defects, UVA Pediatric Cardiology Conference, 11 people, November 30, 2007.

94. Top 10 Genetic Syndromes, Lynchburg Community Pediatric Group Lecture, 9 people, Lynchburg, VA, December 5, 2007.

95. Top 10 Genetic Syndromes II, Lynchburg Community Pediatric Group Lecture, 5 people, Lynchburg, VA, February 6, 2008.

96. Teratology, UVA Pediatric Grand Rounds, 60 people, February 21, 2008.

97. Interesting Case Presentation, Lynchburg Community Pediatric Group Lecture, 5 people, Lynchburg, VA, April 2, 2008.

98. Petty Syndrome, UVA Neonatal Morbidity & Mortality Conference, 18 people, August 28, 2008.

99. The Marfan Syndrome: Genetics Past & Present, UVA Pediatric Grand Rounds, 70 people, September 18, 2008.

100. The Marfan Syndrome, Part I, Lynchburg Community Pediatric Group Lecture, 9 people, Lynchburg, VA, October 1, 2008.

101. Assessing Motor Function Through Reflexes, UVA Teaching in Academic Medicine, 20 people, October 14, 2008.

102. The Marfan Syndrome, Cardinal Glennon/St. Louis University Pediatric Grand Rounds, 50 people, St. Louis, MO, October 21, 2008.

103. The Marfan Syndrome, Part II, Lynchburg Community Pediatric Group Lecture, 11 people, Lynchburg, VA, December 3, 2008.

104. 22q and You, Lynchburg Community Pediatric Group Lecture, 7 people, Lynchburg, VA, February 4, 2009.

105. The Importance of a Physical Exam, Abingdon Health Department, 40 people, February 10, 2009.

106. Fetal Alcohol Syndrome, NOFAS Community Health Center Initiative, 20 people, Farmville, VA, April 3, 2009.

107. The Significance of Minor Malformations, 18th New Horizons Conference, 50 people, Abingdon, VA, May 19, 2009.

108. Impact of Drugs During Pregnancy, Lynchburg Community Pediatric Group Lecture, 10 people, September 2, 2009.

109. Fetal Alcohol Syndrome, NOFAS Community Health Center Initiative, 10 people, Harrisonburg, VA, October 28, 2009.

110. Oral facial digital syndrome, UVA Neonatal M&M Conference, 8 people, November 19, 2009.

111. Cardiomyopathy, UVA Pediatric Grand Rounds, 100 people, January 14, 2010.

112. Minor Malformations, Costa Rica Pediatric Symposium, 250 people, San Jose, Costa Rica, April 14, 2006.

113. The Fetal Alcohol Syndrome, Costa Rica Pediatric Symposium, 250 people, San Jose, Costa Rica, April 15, 2010.

114. Approach to the Dysmorphic Child, Costa Rica Pediatric Symposium, 250 people, San Jose, Costa Rica, April 16, 2010.

115. The importance of minor malformations, UVA Family Medicine Grand Rounds, 25 people, June 1, 2010.

116. Fetal Alcohol Syndrome: Past, Present and Future, 43rd Matt Weiss Symposium, St. Louis, 60 people, April 29, 2011.

117. Clinical Teratology for the Practitioner, 43rd Matt Weiss Symposium, St. Louis, 60 people, April 29, 2011.

118. Fetal Alcohol Syndrome – The Importance of Preventing Alcohol Consumption During Pregnancy, Missouri Substance Abuse Prevention Network Conference, Lake Ozark, 50 people, December 13, 2011.

119. Teratology, SLU Maternal-Fetal Medicine Grand Rounds, 25 people, January 16, 2013.

120. **Braddock SR**, Torti EE, Bernreuter K, Batanian JR. Hemifacial microsomia, Cat-eye and distal 22q11 syndromes: a unique double rearrangement. Saint Louis University 7th Annual Pediatric Science Days, 75 people, April 11, 2013.

121. Treating children with trisomies: a panel discussion. Cardinal Glennon Children's Medical Center Ethics Lecture. 35 people, May 20, 2013.

122. Teratology, 29th Southern Illinois Perinatal Conference, O'Fallon, IL, 85 people, September 18, 2013.

123. Trisomy 18 and 13: Update for 2014. CGCMC Neonatal Conference, 11 people, January 15, 2014.

124. The importance of Minor Malformations, SLU MFM Fellowship Didactic Lecture, 14 people, January 22, 2014.

125. **Braddock SR**, Christensen KM, Torti EE, Elbabaa SK. Encephalocraniocutaneous lipomatosis: Evidence for mosaicism and early brain tumors. Saint Louis University 8th Annual Pediatric Science Days, 80 people, April 3, 2014.

126. Torres Garcia JA, **Braddock SR**, Garrett JS. Wolman Disease – developing management approaches: A case report and literature review. Saint Louis University 8th Annual Pediatric Science Days, 80 people, April 3, 2014.

127. Liang CA, Braddock BA, Heithaus JL, Christensen KM, **Braddock SR**, Carey JC. Reported communication ability in persons with trisomy 18. Saint Louis University 8th Annual Pediatric Science Days, 80 people, April 3, 2014.

128. Arrived: June, Due: September, Diagnosis: ?. Clinical Pathology Conference Pediatric Grand Rounds, 110 people, June 4, 2014.

129. Renal Cyst. Maternal Fetal Medicine Neonatalogy Case Conference, 25 people, October 30, 2014.

130. NF Across the Lifespan, Panel Discussion, 50 people, May 1, 2015.

Medical Students and Residents

1. CNS Malformations, School of Medicine 2nd Year Curriculum, 100 people, April 12, 1995.
2. Gaucher Disease, Department of Child Health, student rotation. Case Presentation, 10 people, April 27, 1995.
3. Minor Malformations, UMC School of Medicine 2nd year curriculum, 100 people, August 14, 1995.
4. Gaucher disease, Department of Child Health, 3rd year medical student case review, 11 students, November 16, 1995.
5. CNS Malformations, 2nd year UMC Medical Students, 110 people, April 30, 1996.
6. Dysmorphology, Child Health Residency Conference, 10 people, May 21, 1996.
7. Ambiguous Genitalia, UMC Perinatal Conference, 25 people, July 25, 1995.
8. Dysmorphology, UMC 2nd year medical student lecture, 100 people, August 12, 1996.
9. Apert Syndrome, Child Health Residency Conference, 15 people, August 26, 1996.
10. Craniosynostosis, UMC Perinatal Conference, 25 people, August 29, 1996.
11. Pfeiffer Syndrome, UMC Child Health Problem Conference, 30 people, August 31, 1996.
12. Apert Syndrome, PBL Case Wrap-up, UMC 1st year medical students, 100 people, September 9, 1996.
13. Beckwith-Wiedemann Syndrome, Child Health Residency Conference, 19 people, October 21, 1996.
14. Cornelia de Lange Syndrome, Child Health Residency Conference, 14 people, December 9, 1996.
15. Down Syndrome, Child Health Resident Lecture, 12 people, January 14, 1997.
16. Edwards Syndrome, Child Health Resident Lecture, 6 people, March 4, 1997.
17. Amniotic Bands, UMC Perinatology Case Conference, 25 people, April 17, 1997.
18. CNS Malformations, UMC 2nd year Medical Student Lecture Series, 100 people, April 29, 1997.
19. Fetal Alcohol Syndrome, Child Health Resident Lecture, 12 people, May 12, 1997.

20. Growth Disorders, Child Health Resident Lecture, 9 people, June 9, 1997.
21. Hemifacial Microsomia, Child Health Resident Lecture, 12 people, July 14, 1997.
22. Amyoplasia Congenita, UMC Perinatology Case Conference, 25 people, July 31, 1997.
23. Genetic History Taking, UMC 2nd year Medical Student Workshop, 25 people, August 6, 1997.
24. Minor Malformations, UMC 2nd year Medical Student Genetics Course, 100 people, August 11, 1997.
25. Incontinentia Pigmenti, Child Health Resident Lecture, 12 people, August 25, 1997.
26. Apert Syndrome, UMC 1st year Medical Student PBL Case, 97 people, September 8, 1997.
27. Ehlers-Danlos Syndrome, Child Health Resident Lecture, 16 people, November 17, 1997.
28. General Genetics, UMC Social Work Class, Potter, 40 people, January 28, 1998.
29. Klinefelter Syndrome, Child Health Resident Lecture, 16 people, February 9, 1998.
30. Syndromes with limb abnormalities, Child Health Resident Lecture, 16 people, February 9, 1998.
31. Central Nervous System Malformations, M2 Pathology Lecture, 98 people, April 3, 1998.
32. Noonan and Turner Syndromes, Child Health Resident Lecture, 13 people, May 18, 1998.
33. Genetics Review, Child Health Resident Lecture, 11 people, June 15, 1998.
34. Bart Syndrome, Child Health Problem Conference, 20 people, July 8, 1998.
35. Genetics Quiz, Child Health Resident Lecture, 15 people, July 13, 1998.
36. Osteogenesis Imperfecta, Child Health Resident Lecture, 15 people, September 14, 1998.
37. Child Health Resident Lecture, 15 people, November 11, 1998.
38. Prader-Willi Syndrome, Child Health Resident Lecture, 13 people, December 14, 1998.
39. Skeletal Dysplasias, Child Health Resident Lecture, 12 people, April 12, 1999.
40. Turner Syndrome, Child Health Resident Lecture, 13 people, June 14, 1999.
41. Uniparental Disomy, Child Health Resident Lecture, 12 people, July 19, 1999.
42. Genetic Pedigrees, M2 Student Lecture, 25 people, August 11, 1999.
43. Minor Malformations, M2 Student Lecture, 100 people, August 16, 1999.
44. Velocardiofacial Syndrome, Child Health Resident Lecture, 10 people, October 12, 1999.
45. Waardenburg Syndrome, Child Health Resident Lecture, 14 people, November 16, 1999.
46. Hydrancephaly, Perinatal Case Conference, 25 people, December 9, 1999.
47. Fetal Alcohol Syndrome, M1 PBL Case Wrap-up, 100 people, January 7, 2000.
48. Genetic Inheritance and Birth Defects, Nursing 160 class, 35 people, January 11, 2000.

49. Fragile X Syndrome, Child Health Resident Conference, 15 people, March 21, 2000.
50. Y Chromosome Abnormalities, Child Health Resident Conference, 11 people, April 24, 2000.
51. Zellweger Syndrome, Child Health Resident Conference, 11 people, April 24, 2000.
52. Minor Malformations, Cox Family Practice Resident Conference, 17 people, April 10, 2002.
53. Common Dysmorphology Syndromes I, Child Health Resident Conference, 11 people, November 19, 2002.
54. Common Dysmorphology Syndromes II, Child Health Resident Conference, 12 people, December 17, 2002.
55. DiGeorge Sequence and Teratogens, UMC Perinatal Pathology Conference, 25 people, January 8, 2003.
56. Minor Malformations, M2 Student Lecture, 100 people, August, 18, 2003.
57. Ellis van Creveld Syndrome, Child Health Problem Conference, 40 people, October 14, 2003.
58. Triploidy, Perinatalogy Case Conference, 40 people, October 15, 2003.
59. Fetal Alcohol Syndrome Primer, Psychiatry/Child Psychiatry Seminar, 9 people, December 17, 2003.
60. Fetal Alcohol Syndrome for Child Health Providers. UMC Child Health Resident Lecture Series, 11 people, May 12, 2004.
61. Dysmorphology of Neurologic Conditions, UMC Neurology Lecture Series, 5 people, May 28, 2004.
62. Minor Malformations, M2 Student Lecture, 100 people, September 10, 2004.
63. Fetal Alcohol Syndrome, M1 PBL Case Wrap-up, 100 people, August 12, 2005.
64. Minor Malformations, M2 Student Lecture, 100 people, August 25, 2005.
65. Fetal Alcohol Syndrome Primer, Psychiatry/Child Psychiatry Seminar, 9 people, October 12, 2005.
66. Minor Malformations, UVA Pediatric Resident Conference, 18 people, March 6, 2006.
67. Top 10 Dysmorphology Syndromes, Part I, Pediatric Housestaff Lecture Series, 16 people, October 4, 2006.
68. Minor Malformations, M-3 Lecture Series, 15 people, October 9, 2006.
69. Minor Malformations, M-3 Lecture Series, 13 people, November 7, 2006.
70. Clinical Correlation I: Intro to Dysmorphology, M-1 Genetics Course, 140 people, November 29, 2006
71. Principles of Clinical Genetics II, M-1 Genetics Course, 140 people, December 7, 2006.
72. Directed Clinical Letters, M-1 Genetics Course, 8 people, December 14, 2006.
73. Minor Malformations, M-3 Lecture Series, 17 people, January 24, 2007.
74. Minor Malformations, M-3 Lecture Series, 19 people, March 13, 2007.
75. Genetics Cases Discussion, M-2 Lecture Series, 10 people, June 1, 2007.
76. Minor Malformations, M-3 Pediatric Lecture Series, 15 people, June 29, 2007.

77. Minor Malformation, M-3 Pediatric Lecture Series, 11 people, September 19, 2007.
78. Top 10 Dysmorphology Syndromes I, UVA Resident Noon Conference, November 6, 2007.
79. Clinical Correlation I: Intro to Dysmorphology, M-1 Genetics Course, 140 people, November 28, 2007.
80. Minor Malformations, M-3 Lecture Series, 16 people, November 28, 2007.
81. Top 10 Dysmorphology Syndromes II, UVA Resident Noon Conference, November 29, 2007.
82. Principles of Clinical Genetics II: M-1 Genetics Course, 140 people, December 6, 2007.
83. Directed Clinical Letters, M-1 Genetics Course, 14 people, December 14, 2007.
84. Minor Malformations, M-3 Lecture Series, 14 people, January 15, 2008.
85. Minor Malformations, M-3 Lecture Series, 5 people, May 20, 2008.
86. Minor Malformations, M-3 Lecture Series, 21 people, July 15, 2008.
87. Minor Malformations, M-3 Lecture Series, 16 people, September 9, 2008.
88. Principles of Clinical Genetics I, M-1 Genetics Course, 145 people, December 4, 2008.
89. Principles of Clinical Genetics II, M-1 Genetics Course, 145 people, December 11, 2008.
90. Directed Clinical Letter, M-1 Genetics Course, 14 people, December 19, 2008.
91. Minor Malformations, M-3 Lecture Series, 15 people, January 27, 2009.
92. The Pathogenesis of Common Malformation Syndromes, M-4 Basic Science for Careers, 12 people, March 4, 2009.
93. The Pathogenesis of Common Malformation Syndromes, M-4 Basic Science for Careers, 14 people, March 10, 2009.
94. Minor Malformations, M-3 Lecture Series, 14 people, May 5, 2009.
95. Minor Malformations, M-3 Lecture Series, 14 people, July 21, 2009.
96. Impact of Drugs During Pregnancy, UVA Resident Lecture Series, 17 people, September 1, 2009.
97. Minor Malformations, M-3 Lecture Series, 14 people, September 15, 2009.
98. Minor Malformations, M-3 Lecture Series, 6 people, November 6, 2009.
99. Principles of Clinical Genetics I, M-1 Genetics Course, 145 people, December 3, 2009.
100. Principles of Clinical Genetics II, M-1 Genetics Course, 145 people, December 10, 2009.
101. Directed Clinical Letter, M-1 Genetics Course, 14 people, December 18, 2009.
102. Minor Malformations, M-3 Lecture Series, 12 people, January 26, 2010.
103. Minor Malformations, M-3 Lecture Series, 10 people, March 23, 2010.

104. The Pathogenesis of Common Malformation Syndromes, M-4 Basic Science for Careers, 12 people, May 4, 2010.

105. Minor malformations, SLU Maternal-Fetal Medicine Fellows Course, 15 people, August 11, 2010.

106. Teratology, SLU Physicians Assistant Program, 30 people, September 9, 2010.

107. The Importance of Minor Malformations, SLU M1 Genetics Lecture, 175 people, January 11,2011.

108. Case Tutorial, SLU M1 Genetics Lecture, 9 people, January 25, 2011.

109. Case Tutorial, SLU M1 Genetics Lecture, 9 people, January 28, 2011.

110. Teratology, SLU M1 Genetics Lecture, 175 people, February 15, 2011.

111. Minor Malformations, SLU M3 Pediatric Lecture Series, 23 people, May 24, 2011.

112. Minor Malformations, SLU M3 Pediatrics Lecture Series, 25 people, July 29, 2011.

113. Minor Malformations, SLU M3 Pediatrics Lecture Series, 25 people, September 23, 2011.

114. Minor Malformations, SLU M3 Pediatrics Lecture Series, 25 people, December 2, 2011.

115. The Importance of Minor Malformations, SLU M1 Genetics Lecture, 175 people, January 10,2012.

116. Case Tutorial, SLU M1 Genetics Lecture, 9 people, February 7, 2012.

117. Minor Malformations, SLU M3 Pediatrics Lecture Series, 25 people, February 10, 2012.

118. Teratology, SLU M1 Genetics Lecture, 175 people, February 14, 2012.

119. Minor Malformations, SLU M3 Pediatrics Lecture Series, 30 people, May 11, 2012.

120. Minor Malformations, SLU M3 Pediatrics Lecture Series, 25 people, July 27, 2012.

121. Malformations, SLU M3 Pediatrics Lecture Series, 26 people, September 21, 2012.

122. Minor Malformations, SLU M3 Pediatrics Lecture Series, 28 people, November, 16, 2012.

123. The Importance of Minor Malformations, SLU M1 Genetics Lecture, 175 people, January 15, 2013.

124. Teratology, SLU M1 Genetics Lecture, 175 people, February 21, 2013.

125. Minor Malformations, SLU M3 Pediatrics Lecture Series, 20 people, May, 17, 2013.

126. Approach to the Dysmorphic Child, SLU M3 Pediatrics Lecture Series, 27 people, July 19, 2013.

127. Minor Malformations, SLU M3 Pediatric Lecture Series, 27 people, September 27, 2013.

128. Approach to the Dysmorphic Child, SLU M3 Pediatrics Lecture Series, 24 people, December 16, 2013.

129. Approach to the Dysmorphic Child, SLU M3 Pediatric Lecture Series, 24 people, February 14, 2014.

130. Approach to the Dysmorphic Child, SLU M3 Pediatrics Lecture Series, 25 people, April 11, 2014.

131. Minor Malformations, SLU M3 Pediatric Lecture Series, 25 people, April 11, 2014.

132. Approach to the Dysmorphic Child, SLU M3 Pediatric Lecture Series, 23 people, May 30, 2014.

133. Approach to the Dysmorphic Child, SLU M3 Pediatric Lecture Series, 20 people, August 8, 2014.

134. Approach to the Dysmorphic Child, SLU M3 Pediatric Lecture Series, 18 people, November 4, 2014.

135. Approach to the Dysmorphic Child, SLU M3 Pediatric Lecture Series, 19 people, February 3, 2015.

136. Approach to the Dysmorphic Child, SLU M3 Pediatric Lecture Series, 23 people, March 6, 2015.

Lay and Public

1. Minor Malformations, Hannibal Regional Center, 10 people, February 8, 1995.
2. What Does Normal Look Like, Hannibal Regional Center, 15 people, June 7, 1995.
3. Fetal Alcohol Syndrome, Hannibal Regional Center, 14 people, October 4, 1995.
4. Fetal Alcohol Syndrome, Hannibal Regional Center, 16 people, February 5, 1997.
5. The Developmental Aspects of Substance Abuse, MO Div. Of Family Services Conference, 100 people, October 8, 1998.
6. Minor Malformations as a Clue to More Serious Structural Defects, Missouri State Genetics Conference, Springfield, MO, 79 people, November 20, 1998.
7. General Genetics, Hickman High School, Human Genetics Class, Potter, 21 people, March 12, 1999.
8. An Overview of Teratology, SE Missouri AHEC Conference, Cape Girardeau, MO, 95 people, August 20, 1999.
9. Birth Defects and the March of Dimes, March of Dimes Press Conference, Columbia, MO, 17 people, January 4, 2000.
10. Teratology, Kiwanis Club of Little Dixie, Columbia, MO, 20 people, January 17, 2000.
11. Teratology, Boonslick Kiwanis Club, Columbia, MO, 25 people, March 6, 2002
12. MOTIS, KOMU-TV Pepper & Friends, Columbia, MO, May 7, 2002.
13. Teratology, Department of Mental Health Spring Institute, Lake of the Ozarks, MO, 29 people, May 31, 2002.
14. Teratogen Impact, KMIZ-TV interview, Columbia, MO, November 20, 2002.
15. What Price Beauty?, Boston Globe Magazine Interview, April 27, 2003.
16. Fetal Alcohol Syndrome, KOMU-TV interview, Columbia, MO, May 2, 2003.
17. Fetal Alcohol Syndrome, KMIZ-TV interview, Columbia, MO, May 2, 2003.
18. Missouri Teratogen Information Service, KMIZ-TV “Newsmakers”, Columbia, MO, May 14, 2003.
19. Fetal Alcohol Syndrome in Missouri, KBIA radio interview, Columbia, MO, June 10, 2003 (broadcast June 30, 2003).
20. Missouri Teratogen Information Service, KBIA-NPR “All Things Considered” interview, July 7, 2003.

21. Fetal Alcohol Syndrome Through the Ages, FAS Yesterday, Today and Tomorrow Conference, Kansas City Department of Health, 150 people, October 31, 2003.

22. Alcohol and Pregnancy: What Your Mother (and Doctor) Didn't Know, FAS Yesterday, Today and Tomorrow Conference, Kansas City Department of Health, 150 people, October 31, 2003.

23. Fetal Alcohol Syndrome Issues for the Next Thirty Years, FAS Yesterday, Today and Tomorrow Conference, Kansas City Department of Health, 150 people, October 31, 2003.

24. National Birth Defects Awareness Month, KOMU-TV Pepper & Friends, Columbia, MO, January 6, 2004.

25. Fetal Alcohol Syndrome, Catholic Faculty Seminar, Newman Center-Columbia, MO, 20 April 2004, 15 attendees.

26. Fetal Alcohol Syndrome, WVIR-TV House Call, June 28, 2007.

27. Fetal Alcohol Syndrome, WVIR-TV House Call, December 13, 2007.

28. Trisomy Related Disorders, 23rd Support Organization for Trisomy 18, 13 and Related Disorders Conference, Roanoke, VA, July 23, 2009, 20 people.

29. Update on Trisomy 18 and 13, 26th Support Organization for Trisomy 18, 13 and Related Disorders Conference, St. Louis, MO, July 18, 2012, 30 people.

30. Introduction to Medical Genetics I, St. Louis Priory High School Advanced Biology Class, St. Louis, 21 people, November 19, 2012.

31. Introduction to Medical Genetics II, St. Louis Priory High School Advanced Biology Class, St. Louis, 25 people, November 19, 2012.

32. Medical Genetics, St. Louis University High School Genetics Course and Medical Profession Club, St. Louis, 50 people, November 14, 2013.

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