

# Elaine C. Siegfried, M.D.

# Curriculum Vitae

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## Personal

Citizenship: USA  
Birthdate & place: October 1, 1954; Saulte Ste. Marie, MI  
Personal: Married, 3 children

## Education

July 1988-June 1991	Residency-Dermatology	University of Iowa; Iowa City, IA
July 1985-June 1988	Residency-Pediatrics	University of Iowa; Iowa City, IA
Aug 1980-June 1985	M.D.	University of MO; Columbia, MO
Sep 1973-June 1977	B.A.	Pomona College; Claremont, CA

## Professional Experience

July 2007 – present	Professor of Pediatrics and Dermatology Director, Division of Pediatric Dermatology Cardinal Glennon Children's Hospital Saint Louis University Health Sciences Center, St. Louis, MO
Oct 2004 – present	Owner and Director Kids Dermatology, St. Louis, MO
Nov 2001 – Sept 2004	Director of Pediatric Dermatology Central Dermatology, St. Louis, MO
November 2001 – June 2007	Associate Clinical Professor of Pediatrics and Dermatology Saint Louis University Health Sciences Center, St. Louis, MO
July 1997 – November 2001	Associate Professor of Pediatrics and Dermatology Director, Pediatric Dermatology Director, Clinical Trials Unit Saint Louis University Health Sciences Center, St. Louis, MO
July 1992 – June 1997	Assistant Professor of Pediatrics and Dermatology Director, Pediatric Dermatology Unit Saint Louis University Health Sciences Center, St. Louis, MO
July 1991 – April 1992	Assistant Professor of Pediatrics and Dermatology Children's Memorial Hospital, Northwestern University, Chicago, IL
July 1991 – July 1992	Assistant Professor of Dermatology University of Iowa College of Medicine, Iowa City, IA
July 1977 – February 1981	Research Technician Department of Physiology Washington University School of Medicine, St. Louis, MO

## Certification

<i>Board</i>	<i>Date</i>	<i>Number</i>
American Academy of Pediatrics	06/02/89	211781
American Board of Dermatology	11/02/92	
recertified	06/30/00	
recertified	10/24/12	NA
subspecialty certification in Pediatric Dermatology	10/04/04	
subspecialty recertification in Pediatric Dermatology	10/24/12	

## Licensure

<i>State</i>	<i>Date</i>	<i>Status</i>
Iowa	1989	inactive
Illinois	1991	inactive
Missouri	1992	active

## Professional Affiliations

2005	<b>Member, American Dermatological Association</b>
1995	<b>American Board of Dermatology</b>
	2010 - president
	2009 - president-elect
	2008 - 2010 Executive Committee
	2007 - 2010:: Chair Pediatrics Curriculum Committee
	2001 - 2010: Member, Board of Directors
	1998 - 2001: Member, Test Committee for the Written Examination (Part I)
	1995 -1999: Member, Recertification Examination and Test Committee
1989	<b>Fellow, American Academy of Dermatology</b>
	2009-present: Clinical Guidelines and Research Committee
	2006-2009: Chair, Environment and Drugs Committee
	2005-2006: Vice Chair, Environment and Drugs Committee
	2007: Member, Council on Government Affairs Health Policy and Practice
	2004-2009: Member, Environment and Drugs Committee
	2001-2006: Acne Clinical Guidelines Task Force
	June 2000: Participant, Washington Conference
	2002-04: Member, Regulatory Issues Committee
	1996-98: Member, Ad Hoc Post Residency Credentialing Committee
	1989-91: Member, Task Force on Pediatric Dermatology
	1996-97: Member, Ad Hoc Committee on Postgraduate Credentialing
	1999: Member, Pediatric Dermatology Study Group
	1999-2004: Member, Joint AAD/AAP Subcommittee on Acne
	2010-present: Member, AAD Atopic Dermatitis Expert Resource Group
	2017: Member, Emerging Practice Models Committee
1998	<b>Member, Women's Dermatologic Society</b>
1989	<b>Fellow, American Academy of Pediatrics (#138347)</b>
	2000-01: Chair, Hemangioma Policy Statement group
	1998: Task Force on the Future of Pediatric Education II Project
	1991-96: Member, Section on Dermatology Executive Committee
1991	<b>Member, Missouri Dermatologic Society</b>
2007-present	Board of Directors
1991	<b>Member, St. Louis Dermatologic Society</b>
1988	<b>Member, Society for Pediatric Dermatology</b>

- 1995-2012: Executive Committee  
 1996-2000: Chair, Committee for Subspecialty Certification  
 2007: Co-Chair, Residency and Training, Strategic Planning Committee  
 2012: Chair, WorkForce Task Force
- 1988 **Member, Iowa Dermatological Society**
- 2003: Honorary Lifetime Member
- 2012 Founding member, **Pediatric Dermatology Research Alliance (PeDRA)**  
 2014: Member, Nominating Committee  
 2015: chair of an initiative jointly sponsored the PeDRA, National Eczema Association and International Eczema Council to develop a Guidance Document for Industry on New Drug Development for Atopic Dermatitis in Children
- 2015 FDA Special Government Employee (advisory committee member)

## Bibliography

### Papers

1. Walker, Kier, Siegfried, Harris and Schultz: Accelerated autoimmune disease lymphoreticular neoplasms in F<sub>1</sub> Hybrid PN/NZB and NZB/PN mice. *Clin Immunol & Immunopath* 39:81-92, 1986.
2. Siegfried EC, Prose NS, Friedman NJ, and Paller AS: Cutaneous granulomas in children with combined immune deficiency. *J Am Acad Dermatol* 25:761-766, 1991.
3. Siegfried EC: What's new in dermatology? - Management of congenital melanocytic nevi. *Iowa Medicine* 201, May 1991.
4. Siegfried EC: Childhood sporotrichosis. *The Child's Doctor*: 32-33, Spring 1992.
5. Siegfried EC, Stone MS and Madison KC: Ultraviolet burn - a cutaneous complication of visible light phototherapy of neonatal jaundice. *Pediatric Dermatol*, 9(3): 278 - 282, 1992.
6. Thieberg MD, Stone MS, Siegfried EC. Buschke-Ollendorf Syndrome. *Pediatrics* !0:85-87, 1993.
7. Paller AS, Cohen B, Hansen R, Hebert AA, Lucky A, Levy M, Siegfried EC, Truhan A. Proceedings of the concurrent sessions. *Pediatric Dermatology*, 9(4):397-406, 1992.
8. Reese V, Frieden IJ, Paller AS, Esterly NB, Ferriero D, Levy ML, Lucky Gellis SE, Siegfried EC: The association of facial hemangiomas with Dandy-Walker and other posterior fossa malformations. *J Peds* 122(3):379-84, 1993.
9. Emery MM, Siegfried EC, Stone MS, Stone EM and Patil SR: Incontinentia pigmenti: Transmission from father to daughter. *J Am Acad Dermatol* 29(2pt2):368-372, 1993.
10. Thieberg MD, Stone MS, Siegfried EC: Bushke-Ollendorf Syndrome. *Pediatric Dermatol*, 10(1):85-87, 1993.
11. Siegfried EC: Cutaneous manifestations of immune disorders in childhood. *Current Opinion in Pediatrics* 5(4):446-451, 1993.
12. Glaser DA, Siegfried EC: Giant cavernous hemangioma of the face.(letter) *Arch Ophthal*, 112:1407, 1994.
13. Hartley AH, Kahn TA, Sahn EE, Siegfried EC, Paller AS. Proceedings of the Society for Pediatric Dermatology, 1994. *Pediatric Dermatology*, 11(4):365-370, 1994.
14. Thornton CM, Eichenfield LF, Shinall EA, Siegfried EC, Rabinowitz LG, Esterly NB, Lucky AW, Friedlander SF: Cutaneous telangiectasias in neonatal lupus erythematosus. *J Am Acad Dermatol*, 33:19-25, 1995.
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16. Hamaguchi T, Bondar G, Siegfried EC, Penneys NS. Curtaneous histopathology of Conradi-Hunermann syndrome. *J Cutan Pathol* 22:38-41, 1995.
17. Penneys NS, Siegfried EC, Nahass G, Vogler C: PCNA expression in Spitz nevus. *J Amer Acad Dermatol*, *J Am Acad Dermatol*, 32(6):964-967, 1995
18. Garzon MC, Kahn TA, Siegfried EC, Silverman RA, Paller AS. Proceedings of the Society for Pediatric Dermatology, 1995. *Pediatric Dermatology*, 12(4):376-385, 1995.
19. Siegfried EC: Warts on children-an approach to therapy. *Pediatric Annals*, 25(2):79-90, 1996.

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64. Raimer S, Maloney JM, Bourcier M, Wilson D, Papp K, Siegfried E, Garrett S; United States/Canada Dapsone Gel Study Group. Efficacy and safety of dapsone gel 5% for the treatment of acne vulgaris in adolescents. *Cutis*. 2008 Feb;81(2):171-8.
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- hemangioma: Assessment of dosing errors. *J Am Acad Dermatol.* 2017;76(5):999-1000.
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  110. Dhanda MM, Siegfried EC, Knutsen AP. Treatment of selective antibody deficiency with IVIG resulting in decreased frequency of streptococcal infection and improvement of guttate psoriasis. *Dermatol Online J.* 2017 Aug 15;23(8).
  111. Jackson Cullison SR, Siegfried EC. Paradoxical eczema in infants after heart transplantation. *Pediatr Dermatol.* 2018 Jan;35(1):e29-e34
  112. Siegfried EC, Jaworski JC, Eichenfield LF, Paller A, Hebert AA, Simpson EL, Altman E, Arena C, Blauvelt A, Block J, Boguniewicz M, Chen S, Cordoro K, Hanna D, Horii K, Hulstsch T, Lee J, Leung DY, Lio P, Milner J, Omachi T, Schneider C, Schneider L, Sidbury R, Smith T, Sugarman J, Taha S, Tofte S, Tollefson M, Tom WL, West DP, Whitney L, Zane L. Developing drugs for treatment of atopic dermatitis in children (≥3 months to <18 years of age): Draft guidance for industry. *Pediatr Dermatol.* 2018 Mar 30.

## Chapters

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2. Siegfried EC: Principles of Treatment; In Pediatric Dermatology. Schachner LA and Hansen RC, (eds) 1<sup>st</sup> edition, Churchill Livingstone, NY., 1995.
3. Siegfried EC: Chapter 4- Dermatology; In Child Maltreatment- A Comprehensive Photographic Reference Identifying Potential Child Abuse. Monteleone JA, editor. Mosby-Year Book, Inc., St. Louis. 1994.
4. Siegfried EC: Diagnostic and therapeutic surgical interventions in pediatric dermatology. In Current Opinion in Dermatology, Dahl MV, Lynch PJ, editors. Current Science, Philadelphia. 1994.
5. Siegfried EC: Diagnostic and therapeutic surgical interventions in pediatric dermatology. In Current Opinion in Dermatology, Dahl MV, Lynch PJ, editors. Current Science, Philadelphia. 1995.
6. Siegfried EC, Esterly NB: Chapters 105-109 Skin Development, Newborn Skin, Congenital and Hereditary Disorders of the Skin, Infections of the Skin, Neonatal Dermatoses, Cutaneous Congenital Defects. In Diseases of the Newborn, Seventh Edition, Ballard R, Taeusch HW, editors. W.B. Saunders Co., Philadelphia. 1998.
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9. Siegfried EC: Knuckle Pads. In Textbook of Pediatric Dermatology, Harper JI, Oranje AP, Prose NS, editors. Blackwell Science, London. 1999.
10. Siegfried EC: Chapter 4- Dermatology; In Child Maltreatment- A Comprehensive Photographic Reference Identifying Potential Child Abuse, 2nd edition. Monteleone JA, editor. Mosby-Year Book, Inc., St. Louis, MO. 1996.
11. Siegfried EC: Chapter 12.2-3 Neonatal Dermatology; In RUDOLPH's Textbook of Pediatrics. Appleton Lange, 1999.
12. Siegfried EC: Chapter 5- Neonatal Skin and Skin Care; In Textbook of Neonatal Dermatology, 1st edition. Eichenfield LF, Frieden IJ, Esterly NB, editors. W.B. Saunders Co. Philadelphia, PA. 2000.
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14. Siegfried EC: Porokeratosis. In Textbook of Pediatric Dermatology, Harper JI, Oranje AP, Prose NS, editors. 2<sup>nd</sup> edition Blackwell Science, London. 2006



15. Siegfried EC: Knuckle Pads. In Textbook of Pediatric Dermatology, Harper JI, Oranje AP, Prose NS, editors. 2<sup>nd</sup> edition Blackwell Science, London. 2006.
16. Bree AF, Siegfried EC: Chapter 5- Neonatal Skin and Skin Care; In Textbook of Neonatal Dermatology, 2nd edition. Eichenfield LF, Frieden IJ, Esterly NB, editors. W.B. Saunders Co. Philadelphia, PA. 2007.
17. Siegfried EC: Chapter 5- Neonatal Skin and Skin Care; In Textbook of Neonatal Dermatology, 2nd edition. Eichenfield LF, Frieden IJ, Esterly NB, editors. W.B. Saunders Co. Philadelphia, PA. 2008.
18. Maronn ML, Siegfried EC, Bree AF, Zvulunov A, Waisbourd O, Ben-Amitai D, Draelos Z, Pride H: Principles of Treatment; In Pediatric Dermatology. Schachner LA and Hansen RC, (eds) , 4th edition, Churchill Livingstone, NY., 2011.
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## Abstracts

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2. Famiglietti EV and Siegfried EC: Quantitative analysis of ganglion cells in rabbit retina. Invest Ophthalmol 18 (Suppl):84, 1979.
3. Famiglietti EV and Siegfried EC: Amacrine cells of rabbit retina. Invest 19 (Suppl) 70, 1980.
4. Siegfried EC, Madison KC and Stone MS: Ultraviolet burn - cutaneous complication of neonatal phototherapy. Presented at the American Academy of Dermatology Summer Session, Monterey, CA., June 13, 1991.
5. Emery MM, Stone MS and Siegfried EC: Incontinentia pigmenti - transmission from fathers to daughters. Presented at the 6th International Congress of Pediatric Dermatology, Toronto, Canada, June 8, 1992.
6. Siegfried EC and Argenyi ZB: A giant congenital nevus associated with elevated serum estradiol and gynecomastia. Presented at the 18th World Congress of Dermatology, New York, NY, June 12, 1992.
7. O'Donnell M, Siegfried EC, Whitaker D: Exostoses in children. Presented at the American Academy of Dermatology 52nd Annual Conference, Washington, D. C. December 4, 1993.
8. Siegfried EC, Leonardi, CL, Rasnick-Conley, J, Cook, S: Non-invasive detection of human papillomavirus in children: Surveillance of lesional and normal appearing skin. Presented at the Society of Investigative Dermatology Conference in Baltimore, MD, April, 1994.
9. Siegfried EC, Leonardi CL, Rasnick-Conley J, Cook S, Monteleone J: Human papillomavirus (HPV) screening in a pediatric sexual abuse management (SAM) clinic. Presented at the Society of Investigative Dermatology Conference in Baltimore, MD, April, 1994.
10. Thornton C, Eichenfield L, Shinall E, Siegfried EC, Rabinowitz L, Esterly N, Lucky A, Friedlander S: Cutaneous vascular lesions in neonatal lupus erythematosus. Presented at the annual meeting of the Society for Pediatric Dermatology, Hilton Head, SC; June 1994.
11. Siegfried EC: Lipophagic panniculitis of childhood. Presented at the annual meeting of the Society for Pediatric Dermatology, Vancouver, BC; July, 1995.
12. Gibney MD, Siegfried EC, Glaser DA: Cimetidine therapy for recalcitrant warts: a double-blind, placebo-controlled study. Presented at the pre-AAD meeting of the Society for Pediatric Dermatology, Washington, D.C.; February, 1996.
13. Siegfried EC: Lipophagic panniculitis of childhood: Long term follow-up. Presented at the Pre-AAD meeting of the Society for Pediatric Dermatology, San Francisco, CA; March, 1997.
14. Siegfried EC: Langerhans cell histiocytosis masquerading as mollusca, Presented at the Pre-AAD meeting of the Society for Pediatric Dermatology, San Francisco, CA; March, 1997.
15. Cook TF, Siegfried EC: KID Syndrome- pathognomonic congenital features and the risk of early mortality. Presented at the annual meeting of the Society for Pediatric Dermatology, Sun Valley, Idaho; July, 1997.

17. Allen AL, Siegfried EC: The natural history of anogenital warts in children. Presented at the 33rd annual AOA Student Research Forum, Saint Louis University; St. Louis, MO; January, 1998.
18. Hanifin JM, Cooper KD, Paller A, Kang S, Siegfried EC. Use of tacrolimus ointment in 3-6 year olds with atopic dermatitis: dose escalation study. Presented at the annual meeting of the Society of Investigative Dermatology, Cologne, Germany; May, 1998.
19. Price C, Siegfried EC. Lichen planus/lupus overlap syndrome in a child. Presented at the Pre-AAD meeting of the Society for Pediatric Dermatology, New Orleans, LA; March, 1999.
20. Omid J, Siegfried EC. Mucinous nevus. Presented at the Pre-AAD meeting of the Society for Pediatric Dermatology, New Orleans, LA; March, 1999.
21. Waner M, Waner A, North P, Mihm M, Siegfried EC, Frieden IJ, Suen JY. Identification of two distinct types of hemangiomas. Presented at the 13<sup>th</sup> international workshop on Vascular Anomalies, Montreal, Canada; May 2000.
22. Allen A, Siegfried EC. The natural history of condyloma in children. Poster presentation at the annual meeting of the Society for Pediatric Dermatology, Santa Fe, NM; July 2000.
23. Allen A, Siegfried EC. Netherton Syndrome-treatment with topical FK506. Presented at the annual meeting of the Society for Pediatric Dermatology, Santa Fe, NM; July 2000.
24. Rouse C, Siegfried EC. Hair and Sweat Glands in Families with Hypohidrotic Ectodermal Dysplasia – Further Characterization. Presented at the 36<sup>th</sup> annual AOA Student Research Forum, Saint Louis University; St. Louis, MO; February, 2002
25. Bree AF, Siegfried EC. Cases in Search of a Diagnosis. Presented at the annual meeting of the Society for Pediatric Dermatology, Annapolis, MD; July 2002
26. Rouse R, Bree AF, Nahass G, Breer W, Siegfried EC. Hypohidrotic ectodermal dysplasia (HED) further characterization of hair and eccrine structures. Presented at the annual meeting of the Society for Pediatric Dermatology, Annapolis, MD; July 2002
27. Bree AF, Siegfried EC. Early onset acne. Presented at the annual meeting of the Society for Pediatric Dermatology, Seattle, WA June 2003
28. Siegfried EC, Korman N, Abrams K. Early use of pimecrolimus cream 1% twice daily on flare incidence and the effect of combination use with topical corticosteroids during severe flares in pediatric patients with mild to severe atopic dermatitis. Presented at the annual meeting for the American Academy of Dermatology, Washington, D.C. February 2004
29. Tom W, Obadiah J, Moore T, Siegfried E. Methotrexate Monotherapy for Pediatric Localized Scleroderma. Presented at the annual meeting for the American Academy of Dermatology, Washington, D.C. February 2007
30. Siegfried E, Kianifard F, Parneix-Spake A. Pimecrolimus cream 1% for the long-term control of atopic dermatitis: time to first major flare, time between major flares. Presented at the annual meeting of the European Academy of Dermatology and Venereology Vienna, Austria, May 2007
31. Paller AS, Siegfried E, Lucky A, Dunn M, Gottlieb A, Langley R, Jahreis A. Efficacy and safety of etanercept therapy in children and adolescents with moderate to severe plaque psoriasis. Presented at the annual meeting of the European Academy of Dermatology and Venereology Vienna, Austria May 2007
32. Siegfried EC. Keratosis Pilaris: A Review. Presented at the Hawaii Dermatology March 2008
33. Rouse CR, Siegfried EC. Methotrexate for Children with Severe Atopic Dermatitis. Presented at the annual meeting for the American Academy of Dermatology, San Antonio TX. February 2008
34. Paller AS, Siegfried EC, Langley R. et al. Etanercept for the treatment of psoriasis in children. Presented at the annual meeting for the American Academy of Dermatology, San Antonio TX. February 2008
35. Khan A, Siegfried E, Donovan T. Does Treatment of Upper Airway Infections Improve Severity of Atopic Dermatitis in Children? Presented at the 111th Annual Triological Society Meeting May 2008
36. Siegfried EC, Eichenfield LF, Paller AS, Pariser D, Creamer K, Kricorian G. Intermittent Etanercept Therapy in Pediatric Patients With Psoriasis. Presented at the annual meeting for the American Academy of Dermatology, San Francisco, CA. March 2009.
37. Prodanovic E, Siegfried E, Peter J. Number and Cost Analysis of ED Utilization for Atopic

- Dermatitis at a Urban Children's Hospital. CGCH Pediatric Science Day, April 22, 2010.
38. Paller AS, Siegfried EC, Pariser D, Kricorian K. Safety and Efficacy of Etanercept Treatment in Children and Adolescents With Plaque Psoriasis: 96-week Results of Open-Label Extension Study. Presented at the annual meeting for the American Academy of Dermatology, Miami, FL. March 2010.
  39. Chiu V, Siegfried EC, Jensen S. Eruptive Vellus Hair Cysts. Presented at the annual meeting for the American Academy of Dermatology, Miami, FL. March 2010.
  40. Shadel B, Siegfried EC. *Mycobacterium chelonae* Folliculitis Presented at the annual meeting for the American Academy of Dermatology, Miami, FL. March 2010.
  41. Prodanovic E, Peter J, Siegfried EC. Number and Cost Analysis of ED Admissions for Atopic Dermatitis. Presented at The Caribbean Dermatology Symposium March 2010.
  42. Gotsiridze T, Siegfried EC. Profile of Staph/Strep Carriage among children with Atopic Dermatitis Presented at the 69<sup>th</sup> Annual AAD meeting, New Orleans, LA, 2011.
  43. Chaudry S, Siegfried EC. Analysis of access to Dermatology care for children with Atopic Dermatitis by private and public payor. Presented at the 69<sup>th</sup> Annual AAD meeting, New Orleans, LA, 2011.
  44. Flanagan K, Siegfried EC. Analysis of MTX PG in a cohort of children with severe inflammatory disease. Presented at the 69<sup>th</sup> Annual AAD meeting, New Orleans, LA, Feb. 2011.
  45. Kuo J, Siegfried EC. Chronic bullous disease of childhood. Presented at the annual meeting of the Missouri Dermatological Society. Columbia MO September 2011.
  46. Gotsiridze T, Siegfried EC. Aplasia cutis congenital. Presented at the annual meeting of the Missouri Dermatological Society. Columbia MO September 2011.
  47. Chaudhry S, Siegfried EC, Armbrecht E. Pediatric Access to Dermatologists: Medicaid vs. Private Insurance. Presented at the 70<sup>th</sup> Annual AAD meeting, San Diego, CA, March 2012.
  48. Gotsiridze T, Siegfried EC, Guild C. Antibiotic Resistant Staphylococcus Aureus In Pediatric Patients with Atopic Dermatitis. Presented at the 70<sup>th</sup> Annual AAD meeting, San Diego, CA, March 2012.
  49. Mulligan K, Jain A, Knutsen A Siegfried E. Mesalamine Treatment For Colitis In Ectodermal Dysplasia With Immunodeficiency. Presented at the 2012 CIS Annual Meeting: Primary Immune Deficiency Disease North American Conference May, 2012 Chicago IL..
  50. Siegfried EC, Olin J. Pimecrolimus cream 1% rapidly reduces the extent and severity of atopic dermatitis in infants and children, including head-and-neck involvement: post hoc analysis of a 6-month, randomized, vehicle-controlled trial. Presented at the Annual Society for Investigative Dermatology meeting May 2012.
  51. Rahman SI, Siegfried E, Flanagan KH, Armbrecht ES. The methotrexate polyglutamate assay supports the efficacy of methotrexate for severe inflammatory skin disease in children. Presented at the annual meeting of the Society for Pediatric Dermatology, Milwaukee, WI July 2013.
  52. Chu MB, Siegfried E. Efficacy of topical brimonidine-timolol for hemangioma of infancy. Presented at the annual meeting of the Missouri Dermatologic Society, St. Louis, MO Sept 2013.
  53. Saint Louis University Dept of *Dermatology 2013 Resident Research Day*  
Gotsiridze T, Siegfried EC. Antibiotic Resistance Patterns in Pediatric Patients with Atopic Dermatitis.  
Tobin C, Armbrecht E, Siegfried EC. Analysis of Pediatric Atopic Dermatitis: The Relationship between Disease Progression and Total IgE/Percent Positive Immunocaps.  
Adil H, Armbrecht E, Siegfried EC. Comorbidities in Pediatric Atopic Dermatitis.
  54. Chu MB, Siegfried EC, Wild AP, Reis M, Frieden IJ, Drolet B. "Iceberg" hemangioma: a segmental scalp lesion marking extensive multifocal extracutaneous involvement. Presented at the Annual Meeting of the Society for Investigative Dermatology, April 2016
  55. Kurta A, Dai D, Armbrecht A, Siegfried EC. Prescribing Propranolol for Hemangioma of Infancy: Assessment of Dosing Errors. Presented at the Annual Meeting of the Society for Pediatric Dermatology, July 14-17 2016

56. Gruber P, Siegfried EC. Congenital Ichthyosis and Musculoskeletal Dysplasia. Presented at the Missouri Dermatologic Society Annual Meeting, Sept. 24, 2016
57. Crider C, Siegfried EC, Hurley Y. Incontinentia Pigmentii, Finally Recognized. Presented at the Annual City Wide Dermatology Conference, April 13, 2017
58. Varade R, Siegfried EC. Tuberous Sclerosis A Family Matter? Presented at the Annual City Wide Dermatology Conference, April 13, 2017
59. Clark, Siegfried EC. Atypical Conradi-Hünermann-Happle Syndrome. Presented at the Annual City Wide Dermatology Conference, April 13, 2017
60. Simonetta C, Siegfried EC. Iceberg Hemangioma with PHACE Arterial Anomalies. Presented at the Annual City Wide Dermatology Conference, April 13, 2017
61. Dhanda, M, Siegfried EC. Cost-Effective, Custom-Designed Wet Wrap Garments for Pediatric Patients: Experience at a Children's Hospital. Rising Star Presentation Award, Hawaii Derm Feb. 2017
62. Prindaville B, Horii KA, Siegfried EC, Brandling-Bennett H. Pediatric Dermatology Workforce in the United States. Presented at the World Congress for Pediatric Dermatology, July 5-9, 2017
63. Paller AS, Siegfried EC, Pariser DM, Rice, et al. Five-Year Open-Label Extension Study of Safety and Efficacy of Etanercept in Children and Adolescents With Moderate to Severe Plaque Psoriasis. Presented at the Annual Meeting of the American Academy of Dermatology, Washington DC; March 4-8, 2016
64. Darji K, Siegfried EC. Vitamin D deficiency and atopic dermatitis: consider disease, race, and body mass. Presented at the Annual Meeting of the Society for Investigative Dermatology
65. Hebert AA, Siegfried EC, Baselga E, Chen L, Dang B. Infantile Hemangiomas: Analysis of Untreated Lesions to Establish Criteria for Early Systemic Treatment. Presented at the Annual Meeting of the American Academy of Dermatology, Washington DC; March 4-8, 2016
66. Paller AS, Bronckers M, Seyger M, Kiguradze T, West T, Day J, Groenewoud M, Tom W, Tollefson M, Lara-Corrales I, Celano N, Vleugels RA, Siegfried E, Hogeling M, Belazarian L, Winkler A, Holland K, Cordoro K and the European Working Group on Pediatric Psoriasis. Systemic Agents in Pediatric Psoriasis: International Study of Characteristics, Comorbidities, and Adverse Events. Presented at the Annual Meeting of the Society for Pediatric Dermatology, July 2016.

## Other Contributions

2010-CGCH Pediatrics on Demand, 2 part series on Atopic Dermatitis

"Starting From Scratch" a collaborative educational video, sponsored by the National Eczema Association, a 2010 Telly Award winner in the Patient Education Video category

[http://www.nationaleczema.org/starting\\_from\\_scratch/](http://www.nationaleczema.org/starting_from_scratch/)

- Associate editor Textbook of Pediatric Dermatology, 5<sup>th</sup> edition, Mosby

Dermatology Times Editorials

- <http://dermatologytimes.modernmedicine.com/dermatology-times/news/fake-medical-news> (June 17, 2017)
- <http://dermatologytimes.modernmedicine.com/dermatology-times/news/so-many-medications-so-little-access> (March 1, 2017)
- <http://dermatologytimes.modernmedicine.com/dermatology-times/news/there-ought-be-word> (October 10, 2016)

## Awards

- 1981 University of Missouri Department of Medicine Summer Research Fellowship
- 1982 Smith-Kline Beecham Medical Perspectives Fellow

- 1994 Gold Ribbon Poster, Society for Pediatric Dermatology Annual Meeting
- 1994 initial and continuous annual selection, Best Doctors in America, Woodward White, Publishers
- 1996 Best Doctors in America-Midwest, Woodward White, Publishers
- 2001 Gold Ribbon Poster, Society for Pediatric Dermatology Annual Meeting
- 2001 First Prize, SLU AOA Student Research Forum
- 2001 Dermatology Resident Faculty Teaching Award
- 2005 Elected to the American Dermatological Association, Leadership, National. (2005 - Present).
- Honorary Society of National and International leaders in Dermatology
- 2009 Finalist, Min Editorial & Design Awards, Opinion/Commentary category: "Watching Out for No.1"
- 2010 Saint Louis University Department of Dermatology Teacher of the Year
- 2014 Best Doctors in America, Woodward White, Publishers

### **Professional Activities**

#### *Saint Louis University Intramural:*

- 1992-2001 Monthly M3 lectures, Department of Pediatrics
- 1992-2001 Biannual noon conference, Department of Pediatrics
- 1993-2001 Annual Grand Rounds, Division of Rheumatology, Division of Allergy/Immunology, Department of Pediatrics
- 1993-2001 Pediatric Dermatology rotation for pediatric residents
- 1994-1996 Dissertation Committee for Sandy Venneman, Ph.D. candidate, Department of Psychology, Saint Louis University
- 1995-1998 UMG Practice Issues Committee
- 1996-2000 Women's Mentoring Program
- 1998-2001 Medical student advisor
- 2000-2001 Annual M2 Lecture Series
- 2000-2001 UMG Executive Committee
- 2002- Quarterly Dermatology Lecture Series
- 2007- Director, Division of Pediatric Dermatology
- 2008- Dept. of Pediatrics IT Committee
- 2008- CGCH Skin Care Committee
- 2008- Resident candidate interviews
- 2009- Medical student advisor
- 2014 Dissertation Committee for Christine Schneider, Ph.D. candidate, Department of Psychology, Saint Louis University

#### *Extramural:*

- 1992 Editorial review for papers submitted to the journals: Pediatric Dermatology, Archives of Dermatology, Journal of the American Academy of Dermatology, Pediatrics, European Journal of Pediatrics, Journal of Perinatology
- 1996 Editorial Advisory Board, Pediatric Annals; SLACK, Inc.  
  - guest editor, Volume 27(3), March 1998
  - guest editor, Volume 30(4), April 2001
- 1997- Scientific Advisory Board, National Foundation for Ectodermal Dysplasias
- 1998-9 Pediatric Section Editor, Logical Images; Rochester, NY

- 2000-4 Assistant Section Editor, The Cutting Edge, Archives of Dermatology; AMA
- 2003 Associate Editor, Journal Watch for Dermatology; Massachusetts Medical Society
- 2005 American Dermatological Association, Member, elected.
- 2008- Editorial Advisory Board, Dermatology Times
- 2009- Best Pharmaceuticals for Children Act Prioritization Process  
2010 GI Section  
2012 Chair, Dermatology Committee
- 2010- Scientific Advisory Council, National Eczema Association
- 2010- ICD-10/ICD-11 Revision Project
- 2012- Harmonizing Outcome Measures for Eczema (HOME), Member

### **Clinical Studies**

- 1994 Double blind, placebo-controlled trial of cimetidine for refractory verruca vulgaris
- 1997 A Phase III, Randomized, Double-Blind Study Comparing Topically Applied Tacrolimus Ointment vs. Vehicle Ointment in Pediatric Patients
- 1997 An Open-Label, Long-Term Follow-up Study to Evaluate the Safety of Topically Applied Tacrolimus Ointment for the Treatment of Atopic Dermatitis
- 1998 An Open-Label, Adrenal Suppression Study of Fluticasone Propionate Cream 0.05% Used Twice Daily in Pediatric Subjects Aged 3 Months to 5 Years with Moderate to Severe Eczema or Psoriasis
- 2000 An Open-Label Study to Evaluate The Safety of Topically Applied Tacrolimus Ointment for the Treatment of Atopic Dermatitis
- 2000 A Phase IV, Multi-Center, Open-Label, Safety Study in Pediatric Patients with Atopic Dermatitis Treated with Diprosone Ointment 0.05% Twice Daily
- 2000 A Phase IV Multi-Center, Randomized, Parallel-Group, Safety Study in Pediatric Subjects with Atopic Dermatitis, Treated Once Daily for Three Weeks with Elocon® Cream, Elocon® Ointment or Elocon® Lotion
- 2001 An Evaluation of Depression Associated with Accutane Therapy for Acne
- 2001 A Multicenter, Open-Label, Safety Study of Tazarotene Cream 0.01% Applied Once Daily for Weeks in Psoriasis Patients 12 to 17 Years of Age
- 2001 Hair and Sweat Glands in Families with Hypohidrotic Ectodermal Dysplasia – Further Characterization (grant award by the National Foundation for Ectodermal Dysplasia)
- 2001 A Phase II Randomized, Double-Blind, Placebo-Controlled, Multiple-dose, Dose- Finding, Safety and Efficacy Study of XXXXXX (a PRIMATIZED Monoclonal Antibody against CD80) in Patients with Moderate to Severe Plaque Psoriasis

- 2001 Phase II, randomized, double-blind, placebo controlled, multi-center, four week trial of XXXXXX oral tablets versus placebo administered BID in patients with moderate to severe plaque-type psoriasis
- 2001 A Multi-Center, Double-Blind, Randomized, Placebo-Controlled Study of the Safety and Efficacy of 12 Weeks Treatment with XXXXXX Once Daily Followed by a 12-Week Post-Treatment Follow-up Period in Patient with Moderate to Very Severe Plaque Psoriasis
- 2001 A Randomized, Double-Blind, Double-Dummy, Placebo-Controlled, Multicenter Study Assessing the Effects of XXXXXX and XXXXXX in the Improvement of Moderate to Severe Age-Related Skin Changes in Postmenopausal Women
- 2002 A Phase IIIb, Randomized, Double-Blind, Parallel-Group, Placebo-Controlled, Multicenter Study to Evaluate the Efficacy and Safety of 1.0mg/kg Subcutaneously Administered XXXXXX in Adults with Moderate to Severe Plaque Psoriasis
- 2002 An Open-Label Multicenter Study to Evaluate the Efficacy and Safety of 1.0 mg/kg Subcutaneous Administered XXXXXX Followed by XXXXXX Taper in Adults with Plaque Psoriasis who Previously Participated in Study XXXXXX
- 2002 Multicenter Dose Ranging Study of the Safety and Efficacy of XXXXXX in Psoriasis
- 2002 A Multicenter, Open-Label, Vehicle-Controlled, Paired Comparison, Drug and Light Dose-Ranging Study to Evaluate the Safety and Efficacy of Photodynamic Therapy with Topical XXXXXX in Moderate Plaque-Type Psoriasis
- 2002 A Multi-Center, Open-Label Safety Study of XXXXXX 4.5 mg Capsules Administered Once Daily for 12 Weeks Followed by a 12-Week post-Treatment Follow-up Period, in Patients with Plaque Psoriasis who have no Change or an Increase in their Overall Lesional Assessment (OLA) After 12 Weeks of Treatment in a Study of Oral XXXXXXXX 4.5 mg versus Placebo (Study Number XXXXXXXX or XXXXXXXX)
- 2002 A Phase 2, Multicenter, Randomized, Double-blind, Placebo-controlled Trial Evaluating the Efficacy and Safety of XXXXXX Induction Therapy in Patients with Plaque-type Psoriasis
- 2002 Phase III Multicenter Study of the Safety and Efficacy of Enbrel in Psoriasis
- 2002 A Multi-center, Randomized, Placebo-controlled Phase 2 Study Evaluating the Effect of 2µg, 15µg, or 50µg PVAC Treatment Compared to Placebo in Patients with Psoriasis
- 2002 A Phase 2 Randomized, Double-Blind, Double-Dummy, Placebo-Controlled Study of the Safety and Efficacy of Ketoconazole Foam, 2%, versus Nizoral® (ketoconazole) 2% Cream in the Treatment of Seborrheic Dermatitis
- 2002 A Multi-Center, Double-Blind, Randomized, Vehicle-Controlled, Parallel-Group Study to Determine the Therapeutic Equivalence of Two Clotrimazole, 1%, 0.05% Lotions Formulations in the Treatment of Tinea Pedis
- 2002 A 12 Week, Multi-Center, Double-Blind, Randomized, Parallel-Design Study of 5% dapson and Vehicle Control in Patients with Acne Vulgaris
- 2003 A Phase 3 Randomized, Double-Blind, Placebo-Controlled Study of the Safety and Efficacy of Miconazole in Zinc Oxide Ointment in the Treatment of Diaper Dermatitis in Infants
- 2003 A Phase 3 Randomized, Double-Blind, Placebo-Controlled Study of the Safety and Efficacy of a Topical Lidocaine Peel to Control Procedure-Related Pain in Children

- 2003 A Phase 3 Randomized, Double-Blind, Placebo-Controlled Study of the Safety and Efficacy of a Topical Lidocaine Patch to Control Procedure-Related Pain in Children
- 2003 A Phase II, Double-Blind, Randomized Placebo-Controlled Study with an Open-Label Extension to Evaluate the Safety and Efficacy of Subjects with Moderate to Severe Alopecia Areata
- 2003 A Phase 3 Randomized, Double-Blind, Placebo-Controlled Study of the Safety and Efficacy of Imiquimod Cream in the Treatment of Childhood Molluscum Contagiosa
- 2003 An Investigation of the Safety and Efficacy of 1% Pimecrolimus Cream in Atopic Diseases Modification, Assessed in a 3 Year Randomized Double-Blind Vehicle-Controlled Phase to Evaluate Effects on Atopic Dermatitis in Infants, and a 2-3 Year Open-Label Phase to Evaluate the Effect of Early Intervention Versus Delayed Intervention with XXX on the Incidence of Asthma in Children
- 2003 A Phase 2, Multicenter, Randomized, Double-blind, Placebo-controlled Trial Evaluating the Efficacy and Safety of Subcutaneously Administered IL-12 in Patients with Plaque-type Psoriasis
- 2004 An Open Label Trial to Evaluate the Pharmacokinetics of Topical Imiquimod Cream in the Treatment of Childhood Molluscum Contagiosa
- 2004 A Phase 3 Randomized, Double-Blind, Placebo-Controlled Study of the Safety and Efficacy of Once Weekly Etanercept in the Treatment of Plaque-Type Psoriasis in Children
- 2004 A Phase 2 Open-Label, Dose Escalation Trial Blind, Placebo-Controlled Study of the Safety and Efficacy of Topical Resiquimod in the Treatment of Verucca Vulgaris
- 2004 An Open-Label Trial of the Effect of Topical 0.1% Fluocinonide Cream on HPA Axis Suppression in children with Atopic Dermatitis.
- 2004 An Open-Label Trial of the Effect of Topical Desonide Foam on HPA Axis Suppression in Children with Atopic Dermatitis.
- 2005 Phase 2, Placebo-Controlled Study with Etanercept to Determine Safety and Efficacy in Pediatric Subjects with Plaque Psoriasis, Principal Investigator.
- 2005 Phase 2, A Single-Blind, Dose Escalating Study to Assess Efficacy and Safety of Resiquimod Gel Applied 3 Times per Week for 4 Weeks for the Treatment of Common Warts in Pediatric Subjects, Principal Investigator.
- 2005 Phase 4, Double-Blind, Randomized, Vehicle Controlled Trial to Determine the Efficacy and Safety of Locoid® Lipocream (Hydrocortisone Butyrate 1.0%) in the Treatment of Mild to Moderate Atopic Dermatitis in Pediatric Subjects, Principal Investigator.
- 2005 Phase 4, A Multicenter, Open-Label Study of the Safety and Efficacy of Repeated Treatments with Botox® (Botulinum Toxin Type A) Purified Neurotoxin Complex for Primary Axillary Hyperhidrosis in Adolescents, Principal Investigator.
- 2006 Phase 2, An Open-Label 5 year Extension Study to Evaluate the Safety of Etanercept in Pediatric Subjects with Plaque Psoriasis, Principal Investigator.
- 2006 Phase 3, Clinical Safety Trial of Long-term Intermittent Use of Helioblock SX Cream, Principal Investigator.



- 2009 Phase 2, Safety and Efficacy of Taclonex ointment in adolescent patients with psoriasis, Principal Investigator
- 2011 Phase 2-3: A randomised, controlled, multidose, multicentre, adaptive study in infants with proliferating infantile hemangiomas requiring systemic therapy to compare four regimens of propranolol (1 or 3 mg/kg/day for 3 or 6 months) to placebo (double blind). Principal Investigator
- 2013 A first-in-human study to evaluate the safety and tolerability of repeated topical administrations of BPR277 ointment in healthy volunteers, and safety, tolerability and preliminary efficacy of multiple topical administrations of BPR277 in patients with atopic dermatitis and Netherton syndrome, Principal Investigator
- 2014 Multicenter, Randomized, Double-Blind, Vehicle-Controlled Study of the Safety and Efficacy of AN2728 Topical Ointment, 2% in Children, Adolescents, and Adults (Ages 2 Years and Older) With Atopic Dermatitis
- 2014 Multicenter, Non Interventional Research Study, entitled Protocol PFD HEM 2013, "Burden of Infantile Hemangioma on Family: an International observational cross-sectional study"
- 2015 A Multicenter, Open-label, Phase 1 Study of the Safety, Tolerability, Systemic Exposure, Pharmacodynamics, and Treatment Effect of Calcipotriene Foam, 0.005%, in Pediatric Subjects (Ages 2 to 11 Years) with Plaque Psoriasis
- 2015 A Multicenter, Randomized, Double-Blind, Vehicle-Controlled Study of the Safety and Efficacy of AN2728 Topical Ointment, 2% in Children, Adolescents, and Adults (Ages 2 Years and Older) with Atopic Dermatitis
- 2017 A Phase 3 Open-label Study to Assess the Efficacy, Safety, and Pharmacokinetics of Subcutaneously Administered Ustekinumab in the Treatment of Moderate to Severe Chronic Plaque Psoriasis in Pediatric Subjects  $\geq 6$  to  $<12$  Years of Age
- 2017 An Open-Label Phase 4 Safety and Efficacy Trial of ACZONE (Dapsone) Gel, 7.5% in 9 to 11 Year-old Patients with Acne Vulgaris
- 2017 A Randomized, Double-Blind, Placebo-Controlled Study to Investigate the Efficacy and Safety of Dupilumab Monotherapy In Patients  $\geq 12$  To  $<18$  Years of Age, with Moderate-To-Severe Atopic Dermatitis
- 2018 Multicenter, Double-Blind, Randomized, Placebo Controlled Study to Evaluate Safety, Tolerability, and Efficacy of Ixekizumab in Patients from 6 to Less than 18 Years of Age with Moderate-to-Severe Plaque Psoriasis
- 2018 A Phase 2/3 Study Investigating the Pharmacokinetics, Safety, and Efficacy of Dupilumab in Patients Aged  $\geq 6$  Months to  $<6$  Years with Severe Atopic Dermatitis
- 2018 An Open-Label Extension Study to Assess the Long-Term Safety and Efficacy of Dupilumab in Patients  $\geq 6$  Months To  $<18$  Years of Age with Atopic Dermatitis
- 2018 A Randomized, Double-Blind, Placebo-Controlled Study to Investigate the Efficacy and Safety of Dupilumab Administered Concomitantly with Topical Corticosteroids in Patients,  $\geq 6$  Years to  $<12$  Years of Age, with Severe Atopic Dermatitis

2018 A Phase 3, Randomized, Double-Blind, Placebo-Controlled, Pivotal Study to Evaluate the Safety and Efficacy of VP-102 Topical Film-Forming Solution [0.7% (w/v) Cantharidin] in Subjects (2 years and older) with Molluscum Contagiosum