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CURRICULUM VITAE

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EDUCATION:

- 1973 A.S. Biology, Sauk Valley College, Dixon, IL
- 1975 BS Biology, University of Illinois at Champaign-Urbana, Urbana, IL
- 1980 MD, University of Illinois-Rockford School of Medicine, Rockford, IL

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

07/1980 - 06/1984 Resident, Pathology, Medical College of Wisconsin, Milwaukee, WI
02/1984 - 06/1984 Chief Resident, Pathology, Medical College of Wisconsin, Milwaukee, WI
07/1984 - 06/1986 Fellow, Pathology, Pediatric, Medical College of Wisconsin, Milwaukee, WI

FACULTY APPOINTMENTS:

07/1988 - Present Assistant Professor, Pathology, Pediatric, Medical College of Wisconsin, Milwaukee, WI

HOSPITAL AND CLINICAL ADMINISTRATIVE APPOINTMENTS:

2000 - 2006 Technical Director-Surgical Pathology, Pathology, Pediatric, Children's Hospital of Wisconsin, Milwaukee, WI

HOSPITAL STAFF PRIVILEGES:

07/1986 - Present Pediatric Pathologist, Pathology and Laboratory Medicine, Pediatric, Children's Hospital of Wisconsin, Milwaukee, WI

SPECIALTY BOARDS AND CERTIFICATION:

Board Certified	Issue Date	Expiration
Anatomic Pathology	1988	None
Pediatric Pathology	1999	None

Licensure	Number	Issue Date	Expiration
State of Wisconsin: Medicine and Surgery	23869-020	1981	2019

AWARDS AND HONORS:

2008 - 2009 Outstanding Medical Student's Teachers, Medical College of Wisconsin
2011 - 2012 Outstanding Medical Student Teachers, Medical College of Wisconsin

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

American Society of Clinical Pathologists
Wisconsin Society of Pathologists
Children's Oncology Group (Associate Member)
Medical Society of Milwaukee County
College of American Pathologists
American Medical Association
State Medical Society of Wisconsin
Society for Pediatric Pathology
United States and Canadian Academy of Pathology

EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:

Editorial Board
The Journal of the American Society of Ophthalmic Plastic and Reconstructive Surgery
Pediatric Dermatology

RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:

Prior

Peer Review

Title:	Role of Growth Factors in Pediatric Brain Tumor Biology
Source:	Cancer Research Foundation of America
Role:	Co-Investigator
PI:	H. Wheelan
Dates:	1991 - 1992
Title:	Preclinical Evaluation of the Feasibility of Photodynamic Therapy in Pediatric Brain Tumors
Source:	American Cancer Society
Role:	Co-Investigator
PI:	H. Whelan
Dates:	1991 - 1993

Non-Peer Review

Title:	MR Imaging with MR Spectroscopy in Pediatric Brain Tumors
Role:	Co-Investigator
Dates:	1990 - 1991
Title:	Gallium Nitrate for Brain Tumors
Role:	Co-Investigator
Dates:	1993 - 1998
Title:	Photodynamic Therapy for Brain Tumors
Role:	Co-Investigator
Dates:	1993 - 1998

COMMITTEE SERVICE:

Medical College of Wisconsin

1993 - 1996 Admissions Committee
2002 LCME Task Force on Accreditation-Governance, Administration and Finance Subcommittee

Hospital

2009 - 2017 Alternate Departmental Representative, Medical Executive Committee, Children's Hospital of Wisconsin
2016 - Present Member, Diagnostic Safety Committee, Children's Hospital of Wisconsin
2017 - Present Member (Volunteer), Professional Review Committee, Medical Staff Office, Children's Hospital of Wisconsin

MEDICAL COLLEGE TEACHING ACTIVITIES:

Medical Student Education

1986 - 1993 Sophomore Pathology Course-Laboratory Sessions: Congenital Cardiovascular Anomalies
1987 - 1992 Sophomore Pathology Course - Tutorial Sessions
1992 - Present Sophomore Pathology Course - Case-Based Learning Sessions:
1995 - 2006 Lecturer - Renal Pathology: Sophomore Pathology
1996 - 2006 Sophomore Pathology Course: Section Director: Renal Pathology
2006 - Present Pediatric Surgical Pathology for M3/M4 Surgery Students
2007 - 2012 Sophomore Pathology Course: Lecturer - Tumors of Infancy & Childhood
2012 - Present M2 Discovery Curriculum: Content Expert for Renal Unit

Resident and Fellow Education

07/1986 - Present Resident Training in Pediatric Pathology
1991 - 1995 Fellow Training in Pediatric Pathology
2006 - 2009 Pediatric Surgical Pathology for PGY1 Surgery Residents: Introduction to Surgical Pathology
2013 - Present M2 Discovery Curriculum: Laboratory Pathology of Kidney & Urinary Tract

FACULTY DEVELOPMENT/CONTINUING MEDICAL EDUCATION:

1986 - Present Tumor Board
2001 - Present Surgical Pathology Conference
2003 - Present Pediatric Renal Pathology Conference
2003 - Present Pediatric Brain Tumor Conference
2005 - Present Pediatric Multidisciplinary Conference
2006 - Present Pediatric Dermatopathology Conference

HOSPITAL CONFERENCES:

Pediatric Morbidity-Mortality Conference
Pediatric Renal Subspecialty
Surgical Pathology Subspecialty
Pediatric Brain Tumor Group
Pediatric Dermatopathology Subspecialty
Pediatric Tumor Board
Pediatric Surgical Pathology Peer Review
Pediatric Gastroenterology Subspecialty
Pediatric Multidisciplinary Subspecialty

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Brimhall CL, Segura AD, McTigue K, Esterly NB. Nodular fasciitis on the palm of a child. Arch. Dermatol. 1989; 125:1441-1442.
2. Tang TT, Segura AD, Oechler HW. Inflammatory myofibrohistiocytic proliferation simulating sarcoma in children. Cancer 1990; 65:1626-1634.
3. Casale A, Sheth K, Leichter H, Segura A, Lawson R. Renal transplantation in a child with primary oxalosis. Child Nephrology and Urology, 1990; 10:103-106.
4. Camitta B, Wells R, Segura A, Murray K, Dunn D. Osteoblastoma: Response to chemotherapy. Cancer 1990; 68:999-1003.
5. Tang T, Oechler H, Hinke D, Segura A, Franciosi R. Limb body-wall complex in association with sirenomelia sequence ("Mermaid Syndrome"). American Journal of Medical Genetics 1991; 41:21-25.

6. Tang T, Oechler H, Siker D, Segura A, Franciosi R. Anesthesia-induced Rhabdomyolysis in Infants with Unsuspected Duchenne Dystrophy. Acta Paediatrica Scandinavia 1992; Sep; 81(9):716-719.
7. Whelan H, Traul D, Przybylski C, Segura A. Interactions of Merocyanine 540 with Human Brain Tumor Cells. Pediatr Neurol 1992; 82:117-120.
8. Whelan H, Schmidt M, Anderson G, Chan B, Kubacki D, Segura A, Chitambar C. Antineoplastic Effects of Gallium Nitrate on Human Medulloblastoma In Vivo. Pediatr Neurol 1992; 8:323-327.
9. Hansen K, Segura A, Esterly N. Solitary Congenital Nodule on the Ear of an Infant. Ped Derm 1993; 10:88-90.
10. Whelan H, Schmidt M, Segura A, McAuliffe T, Bajic D, Murray K, Moulder J, Strother D, Thomas J, Meyer G. The role of photodynamic therapy in posterior fossa brain tumors: A preclinical study in a canine glioma model. J Neurosurg 1993; Oct; 79(4):562-568.
11. Tang T, Segura A, Chen Y, Ricci L, Franciosi R, Splaingard M. Lubinsky M. Neonatal hypotonia and cardiomyopathy secondary to type IV glycogenosis. Acta Neuropathol 1994; 87:531-536.
12. Rabinowitz L, Luchetti M, Segura A, Esterly N. Acrally Occurring Dermatofibrosarcoma Protuberans in Children and Adults. J Dermatol Surg Oncol 1994; 20:655-659.
13. Whelan H, Kras L, Ozker K, Bajic D, Schmidt M, Lui Y, Trembath L, Uzum F, Meyer G, Segura A, Collier B. Selective incorporation of 111In-labeled PHOTOFRINTM by glioma tissue in vivo. J Neuro-Onc 1994; 20:7-13.
14. Stokes K, Rabinowitz L, Segura A, Esterly N. Cutaneous Mucinosis of Infancy. Ped Derm 1994; 11:246-251.
15. Zvulunow A, Sell L, Segura A, Esterly N. Firm Black Exophytic Tumor on the Foot of a Black Child. Ped Derm 1994; 11:358-361.
16. Whelan H, Williams M, Bajic D, Segura A, McAuliffe T, Chitambar C. Prevention of Gallium Toxicity by Hyperhydration in Treatment of Medulloblastoma. Pediatr Neurol 1994; 10:217-220.
17. Linder J, Harris G, Segura A. Periorbital Infantile Myofibromatosis. Archives of Ophthalmology 1996; 114:219-222.
18. Flomenberg P, Piaskowski V, Harb J, Segura A, Casper J. Spontaneous, Persistent infection of a B-cell Lymphoma with Adenovirus. J Med Virol. 1996 Mar; 48(3):267-272.
19. Baselga E, Drolet B, Segura A, Leonardi C, Esterly N. Dermatomal lichenoid chronic graft-vs-host disease following varicella zoster infection despite absence of viral genoma. J Cut Path 1996; 23(6):576-581.
20. Margolis D, Casper J, Segura A, Janczak T, McOlash L, Fisher B., Miller K, Gorski J. Infiltrating T cells during liver graft-versus-host disease show a restricted T-cell repertoire. Biology of Blood and Marrow Transplantation, 2000; 6(4):408-415.
21. Cham P, Drolet B, Segura A, Esterly N. Congenital Volkmann ischemic contractures: A case report and review. British Journal of Dermatology 2004; 150(2):357-363.
22. Franciosi R, Segura A. Sudden and unexpected fetal death associated with agenesis of the arcuate nucleus in the medulla. American Journal of Perinatology 2004; 21(7):421-424.
23. Rao A, Parakininkas D, Hintermeyer M, Segura A, Rice T. Bilateral lung transplant in Gauchers type 1disease. Pediatric Transplantation 2005; 9(2):239-243.
24. Zangwill S, Brown M, Bryke C, Cava J, Segura A. Marfan Syndrome Type II: There is more to Marfan Syndrome than Fibrillin I. Congenital Heart Disease 2006; 1(5):229-232.
25. Smart DR, Taintor AR, Kelly ME, Lyon VB, Segura A, Jensen JN, Drolet BA. Microcystic Adnexal Carcinoma: The First Reported Congenital Case. Pediatric Dermatology 2011; 1:35-38.
26. Collins CL, Bartz P, Lal D, Segura A, Woods R, Tower RL. Significant response to oral etoposide in the treatment of an unresectable cardiac sarcoma. J Pediatr Hematol Oncol. 2014 May; 36(4):e237-40. doi: 10.1097/MPH.0b013e318290c3b8. PMID: 23652877
27. Gheorghe G, Rangarajan HG, Camitta B, Segura A, Kroft S, Southern JF. T-Cell/Histiocyte-Rich Large B-Cell Lymphoma in Pediatric Patients: An Under-Recognized Entity? Ann Clin Lab Sci. Winter; 45(1):73-8, 2015. PMID: 25696014
28. Humphrey SR, Juern AM, Chusid MJ, Segura AD, Chiu YE. New Pustular Lesions in an Infant with Fever. Pediatr Dermatol. 2015 Sep-Oct;32(5):737-8.
29. Hong JC, Kim J, Browning M, Wagner A, Lerret S, Segura AD, Zimmerman MA. Modified Associating Liver Partition and Portal Vein Ligation for Staged Hepatectomy for Hepatoblastoma in a Small Infant: How Far Can We Push the Envelope? Ann Surg. 2017 08;266(2):e16-e17.
30. Chiang JCH, Harreld JH, Orr BA, Sharma S, Ismail A, Segura AD, Ellison DW. Low-grade spinal glioneuronal tumors with BRAF gene fusion and 1p deletion but without leptomeningeal dissemination. Acta Neuropathol. 2017 07;134(1):159-162. PMCID: PMC5848506.
31. Alexander Tassopoulos, MD, Melissa Wein, MD, Annette Segura, MD. Traumatic rupture of a giant

congenital splenic cyst presenting as peritonitis. Radiology Case Reports, Volume 12(2):401-404, June 2017. PMID: PMC5417624

32. Nemeth K, Szabo S, Cottrell CE, McNulty SM, Segura A, Sokumbi O, Browning M, and Siegel DH. Mosaic pathogenic HRAS variants in a patient with nevus spilus with agminated Spitz nevi and parametrial-uterine rhabdomyosarcoma. Br J Dermatol 2018 March; 178(3):804-806. PMID: 29193020
33. Chiang J, Dalton J, Upadhyaya SA, Patay Z, Qaddoumi I, Li X, Segura AD, Sharma S, Ismail A, Shurtleff SA, Raimondi SC. Chromosome arm 1q gain is an adverse prognostic factor in localized and diffuse leptomeningeal glioneuronal tumors with BRAF gene fusion and 1p deletion. Acta Neuropathol. 2018 Nov 21.

Abstracts

1. Whelan H, Segura A, Traul D, Przybylski C, Sieber F. Interactions of Merocyanine-540 with Human Brain Tumor cells: Preferential Binding In Vivo and Dye-sensitized Photoinactivation In Vitro. Annals of Neurology 1991; 30:459-460.
2. Whelan H, Schmidt M, Segura A, Strother D, Kubacki D, Meyer G. The role of photodynamic therapy in posterior fossa brain tumors: A preclinical study in a canine glioma model. Annals of Neurology 1992; 32(3):471.
3. Whelan H, Ozker K, Bajic D, Schmidt M, Liu Y, Trembath L, Uzum F, Meyer G, Segura A, Collier B. Selective Uptake of 111In-Photofrin in Posterior Fossa Brain Tumors. Annals of Neurology 1993; 34(3):469.
4. Whelan H, Strother D, Ozker K, Kras L, Schmidt M, Liu Y, Trembath L, Uzum F, Meyer G, Segura A, Collier D, Kovnar E. Selective incorporation of 111In-labeled Photofrin by glioma tissue in vivo. Pediatr Neurosurg 1994; 21:160-161.
5. Whelan H, Strother D, Kovnar E, Williams M, Bajic D, Flores R, Schmidt M, Segura A, McAuliffe T, Chitambar C. Gallium nitrate for microscopic disease in medulloblastoma: Preclinical study in a murine model. Pediatr Neurosurg 1994; 21:161.
6. Gheorghe G, Rangarajan H Reiswig A Camitta B, Segura A, Kroft S, Southern J. Pediatric T cell rich large B cell lymphoma: an underrecognized entity? Pediatric and Developmental Pathology 13, 498-512, 2010.
7. Fahmy MD, Gupta A, Padilla RJ, Segura A, Brookes CD. Desmoplastic fibroma associated with tuberous sclerosis: case report and literature review. Oral Surg Oral Med Oral Pathol Oral Radiol. 2019 Mar 16. pii: S2212-4403(19)30398-0. doi: 10.1016/j.oooo.2019.03.008. [Epub ahead of print] Review. PMID: 31078508