

**CURRICULUM VITAE**  
**SONJA DIANNE JULIA KIMCHOY CHEN**

2/7/2018

Business Address: Lifespan Academic Medical Center,  
Department of Pathology and Laboratory Medicine  
Rhode Island Hospital  
593 Eddy Street, APC 12-115  
Providence, RI 02908

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**EDUCATION**

Medical School University of the West Indies,  
St. Augustine (Champs Fleurs campus),  
Trinidad and Tobago Faculty of Medical  
Sciences, MBBS 2002-2007

**POSTGRADUATE TRAINING**

Fellowship Children's Hospital, Boston, MA  
Pediatric Pathology Fellowship  
July 2016- June 2017  
(Chief Fellow 2017)

Memorial Sloan Kettering Cancer Center  
New York, NY  
Oncologic Surgical Pathology Fellowship  
July 2015-June 2016

Residency Brown University Pathology Residency Training  
Program, Anatomic Pathology and Clinical  
Pathology, July 1, 2011-June 30, 2015  
(Chief Resident July 1, 2013-June 30, 2015)

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**OTHER APPOINTMENTS**

July 2008-May 2011	General Hospital, Northwest Regional Health Authority, Port of Spain, Trinidad and Tobago, West Indies, House Officer, Department of Pathology
July 2008	General Hospital, Northwest Regional Health Authority, Port of Spain, Trinidad and Tobago, West Indies, Neonatal Intensive Care Unit, House Officer
July 2007-June 2008	General Hospital, Northwest Regional Health Authority, Port of Spain, Trinidad and Tobago, West Indies, Intern

**HOSPITAL APPOINTMENTS**

2017-Present	Pediatric and Surgical Pathologist Rhode Island Hospital and The Miriam Hospital Providence, RI
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**ACADEMIC APPOINTMENTS**

2017-Present	Assistant Professor of Pathology The Warren Alpert Medical School of Brown University
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**POSTGRADUATE HONORS AND AWARDS**

Haffenreffer House Staff Excellence Awardee, May 2015;  
Lifespan Partners - Rhode Island Hospital and The Miriam Hospital, Providence, RI

**PROFESSIONAL LICENSES AND BOARD CERTIFICATION**

American Board of Pathology, Certification in Pediatric Pathology, September 2017

American Board of Pathology, Certification in Anatomic and Clinical Pathology, July 2015

ECFMG Certification, November 2009

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**HOSPITAL COMMITTEES**

Graduate Medical Education Subcommittee, Children's Hospital, Boston, MA, Pathology Fellow Representative July 2016- June 2017

House Staff Council for Patient Safety and Quality Improvement, Children's Hospital, Boston, MA, Pathology Fellow Representative July 2016 - June 2017

Graduate Medical Education Committee, Memorial Sloan Kettering Cancer Center, New York, NY, Pathology Fellow Representative July 2015 - June 2016

Quality Monitoring and Improvement Committee, Rhode Island Hospital, Providence, RI Resident Representative Aug 2014 – Jun 2015

**MEMBERSHIPS IN SOCIETIES**

Member – United States and Canadian Academy of Pathology (USCAP)

Member – Society of Pediatric Pathology (SPP), Communication and Informatics Committee and Social Media Subcommittee

CAP Residents Forum Representative 2011-2014

Member of Brown Minority Housestaff Association 2013-2014

Member of Medical Board of Trinidad & Tobago 2007-present

**PUBLICATIONS LIST**

**ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS**

1. **Chen S**, Resnick M, Pricolo V. Carcinoid tumor of the ileo-anal pouch in a patient with ulcerative colitis. RIMJ. 2013 Jan 4; 96 (1):30-1. PMID: 23638456
2. Matoso A, Allen D, Herzlinger M, Ferreira J, **Chen S**, Lu S, Fabre V, Monahan R, Yang D, Noble L, Mangray S, Resnick MB. Correlation of ALOX15 expression with eosinophilic or reflux esophagitis in a cohort of pediatric patients with esophageal eosinophilia. Hum Pathol. 2014 Feb 6. PMID: 24742828
3. Matoso A, Ross HM, **Chen S**, Allbritton J, Epstein JI. Squamous Neoplasia of the Scrotum: A Series of 29 Cases. Am J Surg Pathol. 2014 Mar 10. PMID: 24618607
4. Matoso A, **Chen S**, Plaza JA, Osunkoya AO, Epstein JI. Symplastic leiomyomas of the scrotum: A comparative study to usual leiomyomas and leiomyosarcomas. Am J Surg Pathol. 2014 May 14. PMID: 24832157

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**ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS (Continued)**

5. **Chen SD**, Fava JL, Amin A. Gleason grading challenges in the diagnosis of prostate adenocarcinoma: experience of a single institution. *Virchows Arch*. 2015 Nov 12. PMID: 26563400
6. **Chen S**, Deniz K, Sung YS, Zhang L, Dry S, Antonescu CR. Ewing sarcoma with ERG gene rearrangements: A molecular study focusing on the prevalence of FUS-ERG and common pitfalls in detecting EWSR1-ERG fusions by FISH. *Genes Chromosomes Cancer*. 2015 Dec 22. PMID: 26690869
7. **Chen S**, Patil PA, Lepe M, Lombardo KA, Amin A, Matoso A. Retrospective analysis of atypical glands suspicious for carcinoma in transurethral resection of prostate. *Appl Immunohistochem Mol Morphol*. 2016 Jun 13. PMID: 27299192
8. Owosho AA, **Chen S**, Kashikar S, Zhang L, Chen CL, Wexler LH, Estilo CL, Huryn JM, Antonescu CR. Clinical and molecular heterogeneity of head and neck spindle cell and sclerosing rhabdomyosarcoma. *Oral Oncol*. 2016 Jul; 58:e6-e11. PMID: 27261172
9. Owosho AA, Huang SC, **Chen S**, Kashikar S, Estilo CL, Wolden SL, Wexler LH, Huryn JM, Antonescu CR. A clinicopathologic study of head and neck rhabdomyosarcomas showing FOXO1 fusion-positive alveolar and MYOD1-mutant sclerosing are associated with unfavorable outcome. *Oral Oncol*. 2016 Oct;61:89-97. PMID: 27688110
10. Antonescu CR, Owosho AA, Zhang L, **Chen S**, Deniz K, Huryn JM, Kao YC, Huang SC, Singer S, Tap W, Schaefer IM, Fletcher CD. Sarcomas With CIC-rearrangements Are a Distinct Pathologic Entity With Aggressive Outcome: A Clinicopathologic and Molecular Study of 115 Cases. *Am J Surg Pathol*. 2017 Jul;41(7):941-949. PMID: 28346326
11. Siddique AS, Corney DC, Mangray S, Lombardo KA, **Chen S**, Marwaha AS, Resnick MB, Herzlinger M, Matoso A. Clinicopathologic and gene expression analysis of initial biopsies from patients with eosinophilic esophagitis refractory to therapy. *Hum Pathol*. 2017 Sep 4. PMID: 28882697.
12. Hui Y, **Chen S**, Lombardo KA, Resnick MB, Mangray S, Matoso A. ALOX15 Immunohistochemistry Aids in the Diagnosis of Eosinophilic Esophagitis on Paucieosinophilic Biopsies in Children. *Pediatr Dev Pathol*. 2017 Sep-Oct;20(5):375-380. PMID: 28812459.
13. Katz AP, **Chen S**, Denardo BD, Mangray S, Groblewski JC. Lingual alveolar soft part sarcoma in a pediatric patient: Case report and literature review. *International Journal of Pediatric Otorhinolaryngology Extra*. 2017;17:36-39. doi:10.1016/j.pedex.2017.07.002.

**CURRICULUM VITAE**  
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**BOOKS**

1. Ahmed AA, and Przygodzki R. Anatomic and clinical pathology board review. 2<sup>nd</sup> Ed.: Wolters Kluwer Health, 2016. Resident Editor.

**INVITED PRESENTATIONS**

1. A clinicopathologic review of subepithelial fibrosis in eosinophilic esophagitis. Shillingford N, **Chen S**, Mukkada V, Yakirevich E, Noble L, Resnick M, Mangray S. Mod Path. Vol 25 Suppl 2 Feb 2012 Abstract 43
2. A proposed technique for a proposed technique for topographical mapping of cancer burden in breast resection specimens. Shillingford N, Yakirevich E, Treaba D, **Chen S**, Mainiero M, Sams R, Chung M, DeLellis RA, Mangray S. Mod Path. Vol 25. Suppl 2. Feb 2012. Abstract 268. Poster Presentation
3. A clinicopathologic review of esophageal candidiasis. **Chen S**, Sams R, Shillingford N, Yakirevich E, Ross A, Noble L, Tavares R, Resnick M, Mangray S. Mod Path. Vol 25. Suppl 2. Feb 2012. Abstract 651. Poster Presentation
4. A proposed technique for topographical mapping of cancer burden in breast resection specimens” R Sams, A Matoso, Shillingford N, **Chen S**, Treaba D, Yakirevich E, DeLellis RA, Resnick M, Mangray S. Mod Path. Vol 25. Suppl 2. Feb 2012. Abstract 2150
5. Eclampsia-associated double-simultaneous supra- and infratentorial fatal hypertensive intracerebral hemorrhages. Mahboob M, **Chen S**, Lee A, Aghion D, Oyelese A, Martland W, de la Monte S. J Neuropathol Exp Neurol, June 2012, Vol 71, Number 6.  
DOI: <http://dx.doi.org/10.1097/NEN.0b013e31825c0526>
6. Paucieosinophilic esophagitis: recognizing that eosinophilic count is not all that counts. **Chen S**, Matoso A, Mukkada V, Resnick M, Mangray S. Poster presentation – Society of Pediatric Pathology Spring Meeting 2013
7. mTOR over-expression in recurrent low grade endometrial adenocarcinoma. Buell-Gutbrod R, **Chen S**, Liew PL, Quddus MR, Ou J, Zhang X, Lawrence D, Sung J. Mod Path. Vol 26 Suppl 2. Feb 2013 Abstract 1114

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**INVITED PRESENTATIONS (Continued)**

8. Clonal T-cell Large Granular Lymphocytosis and T-cell large granular lymphocytic leukemia occurring post-splenectomy in two young patients with idiopathic thrombocytopenic purpura. **Chen S**, Treaba D. Arch Pathol Lab Med. Vol 137 Oct 2013. Abstract #81
9. Fatal presentation of refractory anemia with excess blasts type 2 and associated hemophagocytosis. **Chen S**, Treaba D. Arch Pathol Lab Med. Vol 137 Oct 2013. Abstract #21
10. Extranodal marginal zone b-cell lymphoma with associated histiocytic hyperplasia with features of Rosai-Dorfman disease presenting as a nasal polyp. Ellermeier C, **Chen S**, Treaba D. Arch Pathol Lab Med. Vol 137 Oct 2013. Abstract #96
11. Utility of NKX2.2 in the immunohistochemical work-up of Ewing Sarcoma/primitive neuroectodermal tumor. **Chen S**, Yakirevich E, Lu S, Treaba D, Monahan R, Noble L, Altura R, Resnick M, DeLellis RA, Mangray S. Platform presentation, Spring Meeting Society of Pediatric Pathology 2014
12. The diagnostic utility of alox15 immunohistochemistry in pediatric patients with eosinophilic inflammation of the esophagus. Matoso A, **Chen S**, Resnick M. Mod Path Vol 27 Suppl 2. Feb 2014. Abstract 786
13. An institutional experience on the management of prostatic adenocarcinoma. **Chen S**, Fava J, Amin A. Mod Path Vol 27 Suppl 2. Feb 2014. Abstract 904.
14. Smooth muscle tumors of the scrotum: a comparative histologic study of 18 cases. Matoso A, **Chen S**, Epstein J. Mod Path Vol 27 Suppl 2. Feb 2014. Abstract 1018
15. Claudin Expression in Small Round Blue Cell Tumors. **Chen S**, Lu S, Yakirevich R, Monahan R, Treaba D, Altura R, Mangray S. Poster presentation, Spring Meeting Society of Pediatric Pathology 2014
16. Minor B cell clone detected at diagnosis of chronic myelogenous leukemia bcr-abl1 positive – herald of imminent accelerated phase and commitment to blastic transformation? Ellermeier C, **Chen S**, Welch J, Mangray S, Treaba D. Arch of Pathol Lab Med. September 2014, Vol. 138. Abstract 149

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**INVITED PRESENTATIONS (Continued)**

17. BCR-ABL1 negative atypical chronic myeloid leukemia with t (13;14)(q14;q24) and progression to Myeloid Sarcoma. Ellermeier C, **Chen S**, LeGolvan M, Treaba D. Arch of Pathol Lab Med. September 2014, Vol. 138. Abstract 144
  
18. Irradiation of cellular components for pediatric patients: can leukoreduction alter practices? **Chen S**, Sweeney J. Poster presentation at 2014 American Association of Blood Bankers Annual Meeting. Transfusion. Vol 54 September 2014 Supplement. Abstract SP192
  
19. Cord blood testing using an automated column agglutination method. **Chen S**, Stachurski D, Sweeney J. Poster presentation at 2014 American Association of Blood Bankers Annual Meeting. Transfusion. Vol 54 September 2014 Supplement. Abstract -SP260
  
20. Marginal zone lymphoma with a subset of CD30 and CD15 positive Reed-Sternberg - like lymphoid cells in a patient with rheumatoid arthritis. Treaba D, **Chen S**, Ellermeier C, Grada Z. Poster presentation at the 17th Meeting of the European Association for Haematopathology, Istanbul, October 2014
  
21. Fatal cases of metastatic epithelioid sarcoma: a case series with autopsy findings. **Chen S** et al. Poster presentation at 51st Annual Meeting of The American Society of Dermatopathology (ASDP), November 2014, Chicago, Abstract 521
  
22. Clinical significance of atypical prostate glands in transurethral resection of prostate specimens. **Chen S**, Amin A, Matoso A. Mod Path Vol 28 Suppl 2. Feb 2015, Abstract 836
  
23. **Chen S**, Herzlinger M, Noble L, Lombardo K, Resnick MB, Matoso A. Longitudinal Monitoring of ALOX15 Expression in Pediatric Patients Undergoing Treatment for Eosinophilic Esophagitis and Its. Correlation with STAT6 Expression. United States & Canadian Academy of Pathology Annual. Meeting. Mod Path Vol 28 Suppl 2. Feb 2015, Abstract 601
  
24. Csikesz N, **Chen S**, Smith J, Dickenson R, Chapin K, Carino G. Catching the Flu: Clinical Implications of Two Different Molecular Testing Methods Used During the 2013-2014 Influenza Season. Chest. 2015;148(4)

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**INVITED PRESENTATIONS (Continued)**

25. Ewing Sarcoma (ES) with ERG gene rearrangements: a molecular study focusing on the prevalence of FUS-ERG and common pitfalls in detecting EWSR1-ERG Fusions by FISH. **Chen S**, Deniz K, Sung Y, Zhang L, Dry S, Antonescu C. Mod Path Vol 29 Suppl 2. Feb 2016, Abstract 47
26. Multiplex gene expression analysis of eosinophilic esophagitis refractory to therapy using nanostring technology. Corney D, **Chen S**, Hui Y, Lombardo K, Mangray S, Resnick M, Matoso A. Mod Path Vol 29 Suppl 2. Feb 2016, Abstract 1793
27. The pattern of immunohistochemical expression of immune checkpoint proteins PD-1 and PD-L1 in serial samples of pediatric osteosarcoma. **Chen S**, Aronholt A, Cardillo L, Church A, Janeway K. Platform presentation at Society of Pediatric Pathology Spring Meeting, March 2017
28. Prevalence of cytomegalovirus infection in pediatric patients with idiopathic inflammatory bowel disease. **Chen S**, Goldsmith, J. Poster presentation at Society of Pediatric Pathology Spring Meeting, March 2017
29. Liver Pathology, Including MOC31 Immunohistochemistry, in Congenital Tufting Enteropathy. **Chen, S**, Al-Ibraheemi A, Fawaz R, Goldsmith J, Vargas S. Accepted for poster presentation at Society of Pediatric Pathology Spring Meeting, March 2018
30. Comparison of DUX4 Immunohistochemical Expression in CIC-Rearranged Sarcomas and Other Primitive Sarcomas. Lombardo K, Somers G, Lu Shaolei, **Chen S**, Yakirevich E, Mangray S. Accepted for platform presentation at the Annual Meeting of the United States and Canadian Pathology March 2018

**UNIVERSITY TEACHING ROLES**

Lecturer (Second Year Medical Students MD2020) Fall 2017, Warren Alpert Medical School of Brown University: Embryology of the Genitourinary System (11/2017)

Histology Lab Instructor (Second Year Medical Students MD2020), Fall 2017, Warren Alpert Medical School of Brown University: Cardiac Pathology (8/2017), Pulmonary Pathology (9/2017)

Class Instructor (First Year Medical Students), Spring 2017, New Pathways Curriculum, Gastrointestinal Pathology, Harvard Medical School



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**UNIVERSITY TEACHING ROLES (Continued)**

Histology and Gross Laboratory Instructor, Fall 2016, Health Science and Technology Human Pathology Course, Harvard Medical School

Histology Lab Instructor (First Year Medical Students), Fall 2014, Gross Pathology Lab Instructor (Second Year Medical Students), Warren Alpert Medical School of Brown University

**HOSPITAL TEACHING ROLES**

All in the family: from trauma to thyroid (medullary thyroid carcinoma), October 2011  
CD5+ Diffuse Large B Cell Lymphomas, April 2012

An unusual lingual lesion: Alveolar Soft Part Sarcoma, December 2012

Never too complex for Occam's razor: Carney Complex, June 2013

Degrees of clarity: clear cell carcinoma of the gynecologic tract, August 2013

The mysterious "diffuse endothelioma" of bone: 90 years later and the origin still remains unknown, August 2014

Thrombotic thrombocytopenic purpura vs sepsis secondary to infective endocarditis; the importance of differential diagnosis. Coffie D, Carino G. Presented at the RI Chapter Annual Scientific Meeting of the American College of Physicians, May 2012.

The needle in the haystack – cystic trophoblastic tumor, April 2016

Brown Medical School Digital Pathology Website Cases  
([http://www.brown.edu/Courses/Digital\\_Path/index.html](http://www.brown.edu/Courses/Digital_Path/index.html)): Alveolar Soft Part Sarcoma, Appendiceal Carcinoid, Xanthogranulomatous Pyelonephritis, Cortical Adrenal Adenoma, Pheochromocytoma, Langerhans Cell Histiocytosis

Small Round Cell Ewing-like Sarcomas: New and emerging entities, February 2017

Immunotherapy: the crossroads between pathology and checkpoint inhibition, May 2017

**LABORATORY MANAGEMENT ACTIVITIES**

Laboratory Management University Certification, ASCP April 2017  
CAP Inspection Team Member Training, Certified January 2015  
CAP Inspector of Massachusetts-based hospital laboratory, Feb 2015

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**LEADERSHIP, COMMUNITY SERVICE**

Participated in the Rhode Island See, Test, Treat Programme for minority women funded through CAP grant - September 2013 & 2014

**ADDITIONAL SKILLS AND INTERESTS**

Basic & Advanced techniques in makeup application

Scuba Diving

Art – painting, drawing and calligraphy

Taekwondo – National Gold Medalist, National 3<sup>rd</sup> Class Referee