

**Thaddeus W. Herliczek**  
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## Education

B.S.	Siena College, Loudonville, NY Biology	9/1992 - 6/1996
M.S.	Georgetown University, Washington, DC Physiology and Biophysics	8/1997 - 7/1998
M.D.	University of Massachusetts Medical School, Worcester, MA	8/1998 - 6/2002

## Postgraduate Training

Pediatric Internship University of Massachusetts Medical School	7/2002 - 6/2003
Radiology Residency University of Massachusetts Medical School	7/2003 - 6/2007
Chief Resident University of Massachusetts Radiology Residency Program	7/2005 - 11/2006
Pediatric Radiology Fellowship Children's Hospital Boston	7/2007 - 6/2008
Chief Pediatric Radiology Fellow Children's Hospital Boston, Pediatric Radiology Fellowship Program	7/2007 - 6/2008

## Academic Appointments

Assistant Professor of Diagnostic Imaging, Brown University	7/2008 – 6/2018
Associate Professor of Diagnostic Imaging, Clinical, Brown University	7/2018 – 7/2024
Associate Professor of Diagnostic Imaging, George Washington University	7/2024 – 1/2025
Member of Staff of Diagnostic Imaging, Harvard University	2/2024 – present

## Hospital Appointments

Staff Physician, Radiology, Rhode Island Hospital	7/2008 – 7/2024
Staff Physician, Radiology, Women and Infants' Hospital	7/2008 – 7/2024

Director, Pediatric Radiology, Rhode Island Hospital	5/2010 - 5/2022
Director, Pediatric Radiology, Women and Infants' Hospital	5/2010 - 5/2022
Staff Physician, Radiology, Roger Williams Hospital	7/2015 - 7/2024
Staff Physician, Radiology, Our Lady of Fatima Hospital	7/2015 - 7/2024
Staff Physician, Radiology, Newport Hospital	2/2022 - 7/2024
Staff Physician, Radiology, Kent Hospital	2/2022 - 7/2024
Staff Physician, Radiology, Children's National Hospital	7/2024- 1/2025
Staff Physician, Radiology, Boston Children's Hospital	2/2025- present

### **Hospital Committees**

Pediatric Trauma Committee, Brown University	2013 –5/2022
Residency Selection Committee, Radiology Residency, Brown University	2013 - 2014
Curriculum Committee, Radiology Residency, Brown University	2014 - 2016

### **Certification**

American Board of Radiology	6/2007
Certificate of Added Qualification- Pediatric Radiology	12/2010

### **Medical Licensure**

Commonwealth of Massachusetts Board of Registration in Medicine	7/2002 - present
State of Rhode Island and Providence Plantations	4/2008 - present
Commonwealth of Virginia	4/2024- present
State of Maryland	4/2024- present
Washington DC	4/2024- present

### **Professional Societies and Honors**

Alpha Omega Alpha Honor Medical Society	10/2001 - present
American College of Radiology	7/2003 - present
New England Roentgen Ray Society	7/2003 - present
Radiological Society of North America	7/2003 - present

Society of Pediatric Radiology	7/2007 - present
Member of the University Hospital Based Pediatric Radiologists Committee	2009
Member of the CT Committee	6/2011 – 1/2016
Member of the Child Abuse Committee	7/2011 – 9/2015
American Roentgen Ray Society	4/2009 – present
Rhode Island Medical Society	7/2008 - present
Association of University Radiologists	11/2010 – present
Excellence in Teaching Award Given to the “teacher of the year” by the radiology residents at Brown to one of the approximately 80 faculty radiologists.	2012-2013
Dean’s Excellence in Teaching Award- Brown University	2012-2013
Dean’s Excellence in Teaching Award- Brown University	2017-2018
“Top Doctors”, Rhode Island Monthly Magazine	2018-2024
“Positive Champion of the Learning Environment” Award Warren Alpert Medical School of Brown University	2019
“Positive Champion of the Learning Environment” Award Warren Alpert Medical School of Brown University	2020
“Positive Champion of the Learning Environment” Award Warren Alpert Medical School of Brown University	2023
Children’s Oncology Group	2019-present

## Publications

1. Keyomarsi K, **Herliczek TW** The role of cyclin E in cell proliferation, development and cancer. *Prog Cell Cycle Res.* 1997;3:171-91.
2. Rao S, Lowe M, **Herliczek TW**, Keyomarsi K. Lovastatin mediated G1 arrest in normal and tumor breast cells is through inhibition of CDK2 activity and redistribution of p21 and p27, independent of p53. *Oncogene.* 1998 Nov 5;17(18):2393-402.
3. Rao S, Porter DC, Chen X, **Herliczek T**, Lowe M, Keyomarsi K. Lovastatin-mediated G1 arrest is through inhibition of the proteasome, independent of hydroxymethyl glutaryl-CoA reductase. *Proc Natl Acad Sci U S A.* 1999 Jul 6;96(14):7797-802.
4. Rao S, Gray-Bablin J, **Herliczek TW**, Keyomarsi K. The biphasic induction of p21 and p27 in breast cancer cells by modulators of cAMP is posttranscriptionally regulated and independent of the PKA pathway. *Exp Cell Res.* 1999 Oct 10;252(1):211-23.

5. Chen X, Danes C, Lowe M, **Herliczek TW**, Keyomarsi K .Activation of the estrogen-signaling pathway by p21(WAF1/CIP1) in estrogen receptor-negative breast cancer cells. *J Natl Cancer Inst.* 2000 Sep 6;92(17):1403-13.
6. Chen X, Lowe M, **Herliczek T**, Hall, MJ, Danes C, Lawrence DA, Keyomarsi K. Protection of normal proliferating cells against chemotherapy by staurosporine-mediated, selective, and reversible G(1) arrest. *J Natl Cancer Inst.* 2000 Dec 20;92(24):1999-2008.
7. Keyomarsi K, Tucker SL, Buchholz TA, Callister M, Ding Y, Hortobagyi GN, Bedrosian I, Knickerbocker C, Toyofuku W, Lowe M, **Herliczek TW**, Bacus SS. Cyclin E and survival in patients with breast cancer. *N Engl J Med.* 2002 Nov 14;347(20):1566-75.
8. Kleinman PK, Sarwar ZU, Newton AW, Perez-Rossello JM, Rebello G, **Herliczek TW**. Metaphyseal fragmentation with physiologic bowing: a finding not to be confused with the classic metaphyseal lesion. *AJR Am J Roentgenol* 2009;192:1266-1268.
9. Harris T, **Herliczek T**. Spontaneous pneumomediastinum: an uncommon cause of chest pain. *Med Health R I.* 2010 Sep;93(9):287-8
10. **Herliczek TW**, Raghavan D, McCarten K, Wallach M. Sonographic Upper Gastrointestinal Series in the Vomiting Infant: How We Do It. *J Clin Imaging Sci* 2011;1:19
11. **Herliczek TW** and Brown L. 8 year-old male with bilateral lower extremity pain and weakness. *Pediatric Emergency Care.* 2011 Sep;27(9):872-3.
12. **Herliczek TW**. Pneumoretroperitoneum following foreign body insertion. *Pediatric Emergency Care.* 2011 Nov;27(11):1104-5.
13. **Herliczek T.W**. Multiseptate gallbladder. *Indian Journal of Gastroenterology.* August 2011. (DOI) 10.1007/s12664-011-0122-8
14. **Herliczek, T.W**. Radiology Quiz-Torticollis. *Consultant For Pediatricians.* Jan 2012.
15. Sandusky, M., **Herliczek T**. Pediatric Omental Infarction. *Med Health R I.* 2012 Feb;95(2):40-1.
16. Swenson, D., **Herliczek T**. Splenic torsion. *Med Health R I.* 2012 May;95(5):161-2.
17. **Herliczek T.W**. Pediatric Radiology Extenders: Boon or Bust for Radiology Residents. *Pediatric Radiology.* (DOI) 10.1007/s00247-011-2286-x
18. **Herliczek TW**, Swenson DW, Mayo-Smith WW. Utility of MRI After Inconclusive Ultrasound in Pediatric Patients With Suspected Appendicitis: Retrospective Review of 60 Consecutive Patients. *Am J Roentgenol* 2013 May;200(5):969-73. doi: 10.2214/AJR.12.10078.
19. **Herliczek TW**. Pediatric and Adolescent Urologic Imaging. *Journal of Pediatric Urology.* 2014 August; 10 (4): 779. Doi: <http://dx.doi.org/10.1016/j.jpuro.2014.05.007>.
20. Dahabreh IJ, Adam GP, Halladay CW, Steele DW, Daiello LA, Weiland LS, Zgodic A, Smith BT, **Herliczek TW**, Shah N, Trikalinos TA. Diagnosis of Right Lower Quadrant Pain and Suspected Acute Appendicitis. Comparative Effectiveness Review No. 157. (Prepared by the Brown Evidence-based Practice Center under Contract No. 290-2012-00012-I.) AHRQ Publication No. 15(16)-EHC025-EF. Rockville, MD: Agency for Healthcare Research and Quality; December 2015. [www.effectivehealthcare.ahrq.gov/reports/final.cfm](http://www.effectivehealthcare.ahrq.gov/reports/final.cfm).
21. Elizabeth H. Dibble, MD, David W. Swenson, MD, Claudia Cartagena, MS, PA-C, Grayson L. Baird, PhD, **Thaddeus W. Herliczek, MD**. Effectiveness of a Staged US and Unenhanced MR

- Imaging Algorithm in the Diagnosis of Pediatric Appendicitis. *Radiology*. Accepted online ahead of print in 2018. <https://doi.org/10.1148/radiol.2017162755>
22. Sojar, S., **Herliczek, T.W.** et al. Mural thickening of the gallbladder? Look to the heart of the problem. *Progress in Pediatric Cardiology* 62(43):101368 February 2021. DOI: [10.1016/j.ppedcard.2021.101368](https://doi.org/10.1016/j.ppedcard.2021.101368)
  23. Comparison of MRI appendix biometrics in children with and without appendicitis. Tung EL, Baird GL, Ayyala RS, Sams C, **Herliczek TW**, Swenson DW. *Eur Radiol*. 2022 Feb;32(2):1024-1033. doi: 10.1007/s00330-021-08120-4. Epub 2021 Aug 12. PMID: 34383146
  24. Sams C, DiBiasio E, Ayyala R Baird, G, Furman M, Hart A, **Herliczek T**, Swenson D. Utility of cine clips of the spermatic cord in the diagnosis of testicular torsion in the pediatric population. *Pediatric Radiology* <https://doi.org/10.1007/s00247-025-06312-4>

## Presentations, Posters and Exhibitions

The Pediatric Appendix: Imaging Gently. Educational Exhibit. RSNA 2010.

Sonographic UGI in the Vomiting Infant: How We Do It. Educational Exhibit. RSNA 2010.

The Pediatric Appendix: Imaging Gently. Poster. International Paediatric Radiology Congress 2011 London.

Sonographic UGI in the Vomiting Infant: How We Do It. Poster. International Paediatric Radiology Congress 2011 London.

Pediatric Radiology Physician Assistants: Do They Alter Residents' Experience in Pediatric Fluoroscopy? Poster. International Paediatric Radiology Congress 2011 London.

Child Abuse: The Role of MRI Whole-Body STIR Educational Exhibit. RSNA 2011.

MRI of Right Lower Quadrant Pain in Pediatric Patients with Inconclusive Appendix US: Initial Experience. Presentation, Society of Pediatric Radiology, San Francisco, April 2012

**Herliczek TW**, Swenson DW, Dibble EH, Cartagena C, Baird GL. Effectiveness of a staged Ultrasound and Magnetic Resonance Imaging protocol to diagnose pediatric appendicitis. Radiological Society of North America 101st Scientific Meeting. Electronic Educational Exhibit, December 1, 2015. Chicago, IL

Dibble EH, Swenson DW, Baird, G, Cartagena C, **Herliczek TW**. CT versus MRI: Effectiveness following sonography in staged imaging algorithm for suspected pediatric appendicitis. International Pediatric Radiology Conjoint Meeting & Exhibition, Scientific Paper Presentation, May 15-20, 2016 in Chicago, IL.

Sinayuk B, Swenson DW, **Herliczek TW**, Wallach MT, Cassese JA. Testicular Versus Spermatic Cord Torsion: What's in a Name? International Pediatric Radiology Conjoint Meeting & Exhibition, Electronic Educational Exhibit, May 15-20, 2016 in Chicago, IL.

Cartagena C, **Herliczek TW**, Dibble EH, Swenson DW. Etiologies for Abdominopelvic Pain in Pediatric Patients Undergoing MRI after Indeterminate Ultrasound for Clinically Suspected Appendicitis. International Pediatric Radiology Conjoint Meeting & Exhibition, Scientific Poster Exhibit, May 15-20, 2016 in Chicago, IL

Tung, E, Dibble EH, Swenson DW, Baird, G, **Herliczek TW**. Comparison of Magnetic Resonance Imaging Appendix Measurements in Children with and without Acute Appendicitis. Radiological Society of North America 105th Scientific Meeting, Scientific Abstract Presentation. December 4, 2019 Chicago, IL

## Invited Lectures

“Imaging Pediatric Appendicitis: Update.” Pediatric Grand Rounds. Hasbro Children’s Hospital, Providence RI. November 4, 2011.

“Imaging Pediatric Right Lower Quadrant Pain.” New England Roentgen Ray Society. Boston MA. January 20, 2012.

“Imaging the Neonate, Infant and Toddler.” Contemporary Diagnostic Imaging and Interventional Radiology for the Primary Care 2.0. Graduate Medical Education Conference, Brown University , Providence RI. March 1, 2014.

“Imaging of the Pediatric Trauma Patient.” Pediatric Trauma Symposium. Brown University. Providence RI. November. 13, 2014.

“Pediatric Abdominal Infectious and Inflammatory Disease.” Pediatric Case-based Review Course. Radiology Society of North America 2014. Chicago IL. Dec. 2014.

“Imaging the Neonate with Biliious Emesis.” Perinatal Management Conference. Women and Infants’ Hospital. Providence RI. June 2019.

## Teaching Roles

Director, Pediatric Radiology Elective (RAD-6380), Brown Medical School	5/2010 – 7/2024
Attending physician, Diagnostic Imaging, Brown University Clinical supervision and teaching of radiology residents, Brown University medical students, pediatrics residents, pediatric emergency medicine fellows at Hasbro Children’s Hospital, Rhode Island Hospital and Women and Infants’ Hospital.	7/2008 - 7/2024
Lecturer, didactic lecture series, various departments, Brown University Conduct lectures for interdisciplinary conferences involving pediatric emergency medicine fellows and neonatology fellows. Lecturer for radiology residents didactic lecture series.	7/2008 - 7/2024