

日期	星期	時間	外賓姓名	單位	講題
2026/7/9	W4	12:00~13:00	Dr. Cheng Ting Lin (林成挺)	Associate Professor of Radiology and Radiological Science, Dept. of Radiology and Radiological Science, Johns Hopkins University School of Medicine, USA	Optimization of education

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CURRICULUM VITAE

The Johns Hopkins University School of Medicine

Cheng Ting Lin, MD (林成挺)

DEMOGRAPHIC AND PERSONAL INFORMATION

Current Appointments

University

2021-present Associate Professor of Radiology and Radiological Science, Russell H. Morgan Department of Radiology and Radiological Science, Johns Hopkins University School of Medicine

Hospital

2014-present Attending Physician, Johns Hopkins Hospital

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Education and Training

Undergraduate

2003 B.A. Boston University, Boston, MA; graduated summa cum laude

Doctoral

2008 M.D., SUNY at Stony Brook School of Medicine, Stony Brook NY

Postdoctoral

2008-2009 Intern, Internal Medicine, Winthrop University-Hospital, Mineola, NY

2009-2013 Resident, Diagnostic Radiology, Stony Brook University Hospital, Stony Brook, NY

2013-2014 Fellowship, Cardiothoracic Imaging, Fellowship Director Dr Charles S. White, University of Maryland Medical Center, Baltimore, MD

Professional Experience

2014-2021 Assistant Professor of Radiology and Radiological Science, Department of Radiology and Radiological Science, Johns Hopkins University School of Medicine, Baltimore, MD

2021-present Associate Professor of Radiology and Radiological Science, Department of Radiology and Radiological Science, Johns Hopkins University School of Medicine, Baltimore, MD

Original Research [OR]

1. Shen R, **Lin CT**, Porco JA Jr. Total synthesis and stereochemical assignment of the salicylate antitumor macrolide lobatamide C(1). J Am Chem Soc. 2002 May 22;124(20):5650-1. PubMed PMID: 12010033.
2. Shen R, **Lin CT**, Bowman EJ, Bowman BJ, Porco JA Jr. Synthesis and V-ATPase inhibition of simplified lobatamide analogues. Org Lett. 2002 Sep 5;4(18):3103-6. PubMed PMID: 12201727.
3. Shen R, **Lin CT**, Bowman EJ, Bowman BJ, Porco JA Jr. Lobatamide C: total synthesis, stereochemical assignment, preparation of simplified analogues, and V-ATPase inhibition studies. J Am Chem Soc. 2003 Jul 2;125(26):7889-901. PubMed PMID: 12823009.
4. Zhang CY, Parton LE, Ye CP, Krauss S, Shen R, **Lin CT**, Porco JA Jr, Lowell BB. Genipin inhibits UCP2-mediated proton leak and acutely reverses obesity- and high glucose-induced beta cell dysfunction in isolated pancreatic islets.

Cell Metab. 2006 Jun;3(6):417-27. PubMed PMID: 16753577.

5. Im GY, Modayil RJ, **Lin CT**, Geier SJ, Katz DS, Feuerman M, Grendell JH. The appendix may protect against Clostridium difficile recurrence. Clin Gastroenterol Hepatol. 2011 Dec;9(12):1072-7. PubMed PMID: 21699818.
6. Lim KY, Kligerman SJ, **Lin CT**, White CS. Missed pulmonary embolism on abdominal CT. AJR Am J Roentgenol. 2014 Apr;202(4):738-43. PubMed PMID: 24660700.
7. Kligerman S, Lahiji K, Weihe E, **Lin CT**, Terpenning S, Jeudy J, Frazier A, Pugatch R, Galvin JR, Mittal D, Kothari K, White CS. Detection of pulmonary embolism on computed tomography: improvement using a model-based iterative reconstruction algorithm compared with filtered back projection and iterative reconstruction algorithms. J Thorac Imaging. 2015 Jan;30(1):60-8. PubMed PMID: 25423129.
8. Li C, **Lin CT**, Kligerman SJ, Hong SN, White CS. Enhancement Characteristics of the Computed Tomography Pulmonary Angiography Test Bolus Curve and Its Use in Predicting Right Ventricular Dysfunction and Mortality in Patients With Acute Pulmonary Embolism. J Thorac Imaging. 2015 Jul;30(4):274-81. PubMed PMID: 25635705.
9. Zimmerman SL, **Lin CT**, Chu LC, Eng J, Fishman EK. Remote reading of coronary CTA exams using a tablet computer: utility for stenosis assessment and identification of coronary anomalies. Emerg Radiol. 2016 Jun;23(3):255-61. PubMed PMID: 27085532.
10. Terpenning S, Deng M, Hong-Zohlman SN, **Lin CT**, Kligerman SJ, Jeudy J, Ketai LH. CT measurement of central pulmonary arteries to diagnose pulmonary hypertension (PHTN): more reliable than valid?. Clin Imaging. 2016 Jul-Aug;40(4):821-7. PubMed PMID: 27131412.
11. Drummond MB, Lambert AA, Hussien AF, **Lin CT**, Merlo CA, Wise RA, Kirk GD, Brown RH. HIV Infection Is Independently Associated with Increased CT Scan Lung Density. Acad Radiol. 2017 Feb;24(2):137-145. PubMed PMID: 27876271; PubMed Central PMCID: PMC5237394.
12. **Lin CT**, Zimmerman SL, Chu LC, Eng J, Fishman EK. Evaluation of Coronary Artery Disease and Coronary Anomalies with a Handheld Smartphone. J Digit Imaging. 2017 Dec;30(6):732-737. PubMed PMID: 28560509; PubMed Central PMCID: PMC5681475.
13. Jensen J, **Lin T**, Fishman EK, Johnson PT. Pulmonary CTA in sickle cell patients: quantitative assessment of enhancement quality. Emerg Radiol. 2017 Dec;24(6):667-674. PubMed PMID: 28801805.
14. Huang P, Park S, Yan R, Lee J, Chu LC, **Lin CT**, Hussien A, Rathmell J, Thomas B, Chen C, Hales R, Ettinger DS, Brock M, Hu P, Fishman EK, Gabrielson E, Lam S. Added Value of Computer-aided CT Image Features for Early Lung Cancer Diagnosis with Small Pulmonary Nodules: A Matched Case-Control Study. Radiology. 2018 Jan;286(1):286-295. PubMed PMID: 28872442; PubMed Central PMCID: PMC5779085.
15. **Lin CT**, Zimmerman SL, Mitchell SE, Fishman EK. Pulmonary venous anomalies causing misdiagnosis of pulmonary arteriovenous malformations. Clin Imaging. 2018 Jan - Feb;47:96-100. PubMed PMID: 28917138.
16. Zhang H, Gang GJ, Dang H, Sussman MS, **Lin CT**, Siewerdsen JH, Stayman JW. Prospective Image Quality Analysis and Control for Prior-Image-Based Reconstruction of Low-Dose CT. Proc SPIE Int Soc Opt Eng. 2018 Mar;10573. PubMed PMID: 29622855; PubMed Central PMCID: PMC5881925.
17. Suresh K, Voong KR, Shankar B, Forde PM, Ettinger DS, Marrone KA, Kelly RJ, Hann CL, Levy B, Feliciano JL, Brahmer JR, Feller-Kopman D, Lerner AD, Lee H, Yarmus L, D'Alessio F, Hales RK, **Lin CT**, Psoter KJ, Danoff SK, Naidoo J. Pneumonitis in Non-Small Cell Lung Cancer Patients Receiving Immune Checkpoint Immunotherapy: Incidence and Risk Factors. J Thorac Oncol. 2018 Dec;13(12):1930-1939. PubMed PMID: 30267842.
18. Krishnan A, Suarez-Pierre A, Zhou X, **Lin CT**, Fraser CD 3rd, Crawford TC, Hsu J, Hasan RK, Resar J, Chacko M, Baumgartner WA, Conte JV, Mandal K. Comparing Frailty Markers in Predicting Poor Outcomes after Transcatheter Aortic Valve Replacement. Innovations (Phila). 2019 Feb;14(1):43-54. PubMed PMID: 30848712.
19. Hsu J, Krishnan A, **Lin CT**, Shah PD, Broderick SR, Higgins RSD, Merlo CA, Bush EL. Sarcopenia of the Psoas Muscles Is Associated With Poor Outcomes Following Lung Transplantation. Ann Thorac Surg. 2019 Apr;107(4):1082-1088. PubMed PMID: 30447192.
20. Huapaya JA, Hallowell R, Silhan L, Pinal-Fernandez I, Casal-Dominguez M, Johnson C, Albayda J, Paik JJ, **Lin CT**, Hussien A, Mammen AL, Christopher-Stine L, Danoff SK. Long-term treatment with human immunoglobulin for antisynthetase syndrome-associated interstitial lung disease. Respir Med. 2019 Jul - Aug;154:6-11. PubMed PMID: 31176796.
21. Voong KR, Hazell SZ, Fu W, Hu C, **Lin CT**, Ding K, Suresh K, Hayman J, Hales RK, Alfaifi S, Marrone KA, Levy B, Hann CL, Ettinger DS, Feliciano JL, Peterson V, Kelly RJ, Brahmer JR, Forde PM, Naidoo J. Relationship Between Prior Radiotherapy and Checkpoint-Inhibitor Pneumonitis in Patients With Advanced Non-Small-Cell Lung Cancer. Clin Lung Cancer. 2019 Jul;20(4):e470-e479. PubMed PMID: 31031204; PubMed Central PMCID: PMC8767572.
22. Suresh K, Naidoo J, Zhong Q, Xiong Y, Mammen J, de Flores MV, Cappelli L, Balaji A, Palmer T, Forde PM, Anagnostou V, Ettinger DS, Marrone KA, Kelly RJ, Hann CL, Levy B, Feliciano JL, **Lin CT**, Feller-Kopman D, Lerner AD, Lee H, Shafiq M, Yarmus L, Lipson EJ, Soloski M, Brahmer JR, Danoff SK, D'Alessio F. The alveolar

- immune cell landscape is dysregulated in checkpoint inhibitor pneumonitis. *J Clin Invest*. 2019 Jul 16;129(10):4305-4315. PubMed PMID: 31310589; PubMed Central PMCID: PMC6763233.
23. Yarmus L, Mallow C, Akulian J, **Lin CT**, Ettinger D, Hales R, Voong KR, Lee H, Feller-Kopman D, Semaan R, Seward K, Wahidi MM. Prospective Multicentered Safety and Feasibility Pilot for Endobronchial Intratumoral Chemotherapy. *Chest*. 2019 Sep;156(3):562-570. PubMed PMID: 30776363; PubMed Central PMCID: PMC6717117.
 24. Huang P, ***Lin CT**, Li Y, Tammemagi MC, Brock MV, Atkar-Khattra S, Xu Y, Hu P, Mayo JR, Schmidt H, Gingras M, Pasian S, Stewart L, Tsai S, Seely JM, Manos D, Burrowes P, Bhatia R, Tsao MS, Lam S. Prediction of lung cancer risk at follow-up screening with low-dose CT: a training and validation study of a deep learning method. *Lancet Digit Health*. 2019 Nov;1(7):e353-e362. PubMed PMID: 32864596; PubMed Central PMCID: PMC7450858. *co-first author
 25. **Kim TK**, **Yi PH**, Wei J, Shin JW, Hager G, Hui FK, Sair HI, **Lin CT**. Deep Learning Method for Automated Classification of Anteroposterior and Posteroanterior Chest Radiographs. *J Digit Imaging*. 2019 Dec;32(6):925-930. PubMed PMID: 30972585; PubMed Central PMCID: PMC6841900.
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 27. Hinze AM, **Lin CT**, Hussien AF, Perin J, Venado A, Golden JA, Boin F, Brown RH, Wise RA, Wigley FM. Longitudinal assessment of interstitial lung disease in single lung transplant recipients with scleroderma. *Rheumatology (Oxford)*. 2020 Apr 1;59(4):790-798. PubMed PMID: 31504916; PubMed Central PMCID: PMC7188227.
 28. **Lin CT**, Czarny MJ, Hussien A, Hasan RK, Garibaldi BT, Fishman EK, Resar JR, Zimmerman SL. Fibrotic Lung Disease at CT Predicts Adverse Outcomes in Patients Undergoing Transcatheter Aortic Valve Replacement. *Radiol Cardiothorac Imaging*. 2020 Apr 30;2(2):e190093. PubMed PMID: 33778552; PubMed Central PMCID: PMC7977787.
 29. Rowe SP, Chu LC, Recht HS, **Lin CT**, Fishman EK. Black-blood cinematic rendering: A new method for cardiac CT intraluminal visualization. *J Cardiovasc Comput Tomogr*. 2020 May - Jun;14(3):272-274. PubMed PMID: 31586571.
 30. Naidoo J, Cottrell TR, Lipson EJ, Forde PM, Illei PB, Yarmus LB, Voong KR, Feller-Kopman D, Lee H, Riemer J, Wang D, Taube JM, Brahmer JR, **Lin CT**, Danoff SK, D'Alessio FR, Suresh K. Chronic immune checkpoint inhibitor pneumonitis. *J Immunother Cancer*. 2020 Jun;8(1). PubMed PMID: 32554618; PubMed Central PMCID: PMC7304886.
 31. **Yi PH**, **Kim TK**, **Lin CT**. Generalizability of Deep Learning Tuberculosis Classifier to COVID-19 Chest Radiographs: New Tricks for an Old Algorithm?. *J Thorac Imaging*. 2020 Jul;35(4):W102-W104. PubMed PMID: 32427650.
 32. **Yi PH**, **Kim TK**, Yu AC, Bennett B, Eng J, **Lin CT**. Can AI outperform a junior resident? Comparison of deep neural network to first-year radiology residents for identification of pneumothorax. *Emerg Radiol*. 2020 Aug;27(4):367-375. PubMed PMID: 32643070.
 33. **Kim TK**, **Yi PH**, Hager GD, **Lin CT**. Refining Dataset Curation Methods for Deep Learning-Based Automated Tuberculosis Screening. *J Thorac Dis*. 2020 Sep;12(9):5078-5085. PubMed PMID: 33145084; PubMed Central PMCID: PMC7578485.
 34. Balaji A, Hsu M, **Lin CT**, Feliciano J, Marrone K, Brahmer JR, Forde PM, Hann C, Zheng L, Lee V, Illei PB, Danoff SK, Suresh K, Naidoo J. Steroid-refractory PD-(L)1 pneumonitis: incidence, clinical features, treatment, and outcomes. *J Immunother Cancer*. 2021 Jan;9(1). PubMed PMID: 33414264; PubMed Central PMCID: PMC7797270.
 35. Pan S, Flores J, **Lin CT**, Stayman JW, Gang GJ. Generative Adversarial Networks and Radiomics Supervision for Lung Lesion Synthesis. *Proc SPIE Int Soc Opt Eng*. 2021 Feb;11595. PubMed PMID: 34658481; PubMed Central PMCID: PMC8516144.
 36. Colak E, Kitamura FC, Hobbs SB, Wu CC, Lungren MP, Prevedello LM, Kalpathy-Cramer J, Ball RL, Shih G, Stein A, Halabi SS, Altinmakas E, Law M, Kumar P, Manzalawi KA, Nelson Rubio DC, Sechrist JW, Germaine P, Lopez EC, Amerio T, Gupta P, Jain M, Kay FU, **Lin CT**, Sen S, Revels JW, Brussaard CC, Mongan J. The RSNA Pulmonary Embolism CT Dataset. *Radiol Artif Intell*. 2021 Mar;3(2):e200254. PubMed PMID: 33937862; PubMed Central PMCID: PMC8043364.
 37. Flores JD, Gang GJ, Zhang H, **Lin CT**, Fung SK, Stayman JW. Direct reconstruction of anatomical change in low-dose lung nodule surveillance. *J Med Imaging (Bellingham)*. 2021 Mar;8(2):023503. PubMed PMID: 33846692; PubMed Central PMCID: PMC8033535.
 38. Albayda J, Mecoli C, Casciola-Rosen L, Danoff SK, **Lin CT**, Hines D, Gutierrez-Alamillo L, Paik JJ, Tiniakou E, Mammen AL, Christopher-Stine L. A North American Cohort of Anti-SAE Dermatomyositis: Clinical Phenotype, Testing, and Review of Cases. *ACR Open Rheumatol*. 2021 May;3(5):287-294. PubMed PMID: 33774928; PubMed Central PMCID: PMC8126760.

39. Kamel PI, Yi PH, Sair HI, **Lin CT**. Prediction of Coronary Artery Calcium and Cardiovascular Risk on Chest Radiographs Using Deep Learning. *Radiol Cardiothorac Imaging*. 2021 Jun;3(3):e200486. PubMed PMID: 34235441; PubMed Central PMCID: PMC8250412.
40. Chen X, Sheikh K, Nakajima E, **Lin CT**, Lee J, Hu C, Hales RK, Forde PM, Naidoo J, Voong KR. Radiation versus Immune Checkpoint Inhibitor Associated Pneumonitis: Distinct Radiologic Morphologies. *Oncologist*. 2021 Oct;26(10):e1822-e1832. PubMed PMID: 34251728; PubMed Central PMCID: PMC8488797.
41. Yi PH, Wei J, Kim TK, Shin J, Sair HI, Hui FK, Hager GD, **Lin CT**. Radiology "forensics": determination of age and sex from chest radiographs using deep learning. *Emerg Radiol*. 2021 Oct;28(5):949-954. PubMed PMID: 34089126.
42. Galiatsatos P, Schreiber R, Green K, Shah R, Lee H, Feller-Kopman D, Yarmus L, Thiboutot J, **Lin CT**, Kanarek N. Improving lung cancer screening: An equitable strategy through a tobacco treatment clinic. *Prev Med Rep*. 2021 Dec;24:101558. PubMed PMID: 34976626; PubMed Central PMCID: PMC8683889.
43. Shan A, **Lin CT**, Daye D, Yi PH. Leadership Titles in Radiology: Usage of Non-Inclusive Terminology among Academic Radiology Departments and Societies. *Acad Radiol*. 2022 Mar;29(3):402-408. PubMed PMID: 34116925.
44. Li D, **Lin CT**, Sulam J, Yi PH. Deep learning prediction of sex on chest radiographs: a potential contributor to biased algorithms. *Emerg Radiol*. 2022 Apr;29(2):365-370. PubMed PMID: 35006495.
45. Yi PH, Malone P, **Lin CT**, Filice RW. Deep Learning Algorithms for Interpretation of Upper Extremity Radiographs: Laterality and Technologist Initial Labels As Confounding Factors. 2022 Apr;218(4):714-715. PubMed PMID: 34755522.
46. Mecoli CA, Yoshida A, Paik JJ, **Lin CT**, Danoff S, Hanaoka H, Rosen A, Christopher-Stine L, Kuwana M, Casciola-Rosen L. Presence and Implications of Anti-Angiotensin Converting Enzyme-2 Immunoglobulin M Antibodies in Anti-Melanoma-Differentiation-Associated 5 Dermatomyositis. *ACR Open Rheumatol*. 2022 May;4(5):457-463. PubMed PMID: 35229496; PubMed Central PMCID: PMC9096520.
47. Kamel P, Brookmeyer C, Tang H, Solnes L, **Lin CT**. Conference Attendance Tracking and Evaluation in the Era of Virtual Conferences. *Acad Radiol*. 2022 May;29 Suppl 5:S76-S81. PubMed PMID: 35042665; PubMed Central PMCID: PMC8760604.
48. Yi PH, Kim TK, **Lin CT**. Comparison of radiologist versus natural language processing-based image annotations for deep learning system for tuberculosis screening on chest radiographs. *Clin Imaging*. 2022 Apr 25;87:34-37. PubMed PMID: 35483162.
49. Cheng J, Sollee J, Hsieh C, Yue H, Vandal N, Shanahan J, Choi JW, Tran TML, Halsey K, Iheanacho F, Warren J, Ahmed A, Eickhoff C, Feldman M, Mortani Barbosa E Jr, Kamel I, **Lin CT**, Yi T, Healey T, Zhang P, Wu J, Atalay M, Bai HX, Jiao Z, Wang J. COVID-19 mortality prediction in the intensive care unit with deep learning based on longitudinal chest X-rays and clinical data. *Eur Radiol*. 2022 Jul;32(7):4446-4456. PubMed PMID: 35184218; PubMed Central PMCID: PMC8857913.
50. Fawzy A, Putcha N, Raju S, Woo H, **Lin CT**, Brown RH, Williams MS, Faraday N, McCormack MC, Hansel N. Urine and Plasma Markers of Platelet Activation and Respiratory Symptoms in COPD. *Chronic Obstr Pulm Dis*. 2023 Jan 25;10(1):22-32. PubMed PMID: 36367951; PubMed Central PMCID: PMC9995228.
51. Tiniakou E, Mecoli CA, Kelly W, Albayda J, Paik JJ, Adler BL, **Lin CT**, Mammen AL, Danoff SK, Casciola-Rosen L, Christopher-Stine L. Anti-MDA5-positive dermatomyositis and remission in a single referral centre population. *Clin Exp Rheumatol*. 2023 Mar;41(2):309-315. PubMed PMID: 36826791; PubMed Central PMCID: PMC10367060.
52. Raju S, Woo H, Koehler K, Fawzy A, Liu C, Putcha N, Balasubramanian A, Peng RD, **Lin CT**, Lemoine C, Wineke J, Berger RD, Hansel NN, McCormack MC. Indoor Air Pollution and Impaired Cardiac Autonomic Function in Chronic Obstructive Pulmonary Disease. *Am J Respir Crit Care Med*. 2023 Mar 15;207(6):721-730. PubMed PMID: 36288428; PubMed Central PMCID: PMC10037475.
53. Haver HL, **Lin CT**, Sirajuddin A, Yi PH, Jeudy J. Evaluating ChatGPT's Accuracy in Lung Cancer Prevention and Screening Recommendations. *Radiol Cardiothorac Imaging*. 2023 Aug;5(4):e230115. PubMed PMID: 37693201.
54. Voong KR, Illei PB, Presson B, Singh D, Zeng Z, Lanis M, Hales RK, Hu C, Tran PT, Georgiades C, **Lin CT**, Thiboutot J, Brahmer JR, Forde PM, Naidoo J, Anagnostou V, Smith KN. Ablative radiation alone in stage I lung cancer produces an adaptive systemic immune response: insights from a prospective study. *J Immunother Cancer*. 2023 Oct;11(10):e007188. PubMed PMID: 37793854.
55. Thiboutot J, Pastis NJ, Akulian J, Silvestri GA, Chen A, Wahidi MM, Gilbert CR, **Lin CT**, Los J, Flanagan E, Semaan R, Burks AC, Sathyanarayan P, Wu S, Feller-Kopman D, Cheng GZ, Alalawi R, Rahman NM, Maldonado F, Lee HJ, Yarmus L. A Multicenter, Single-arm, Prospective Trial Assessing the Diagnostic Yield of Electromagnetic Bronchoscopic and Transthoracic Navigation for Peripheral Pulmonary Nodules. *Am J Respir Crit Care Med*. 2023 Oct 15;208(8):837-845. PubMed PMID: 37582154.
56. Haver HL, **Lin CT**, Sirajuddin A, Yi PH, Jeudy J. Use of ChatGPT, GPT-4, and Bard to Improve Readability of ChatGPT's Answers to Common Questions on Lung Cancer and Lung Cancer Screening. *AJR Am J Roentgenol*.

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57. Lancaster AC, Cardin ME, Nguyen JA, Mehta TI, Oncel D, Bai HX, Cohen KA, **Lin CT**. Utilizing Deep Learning and Computed Tomography to Determine Pulmonary Nodule Activity in Patients With Nontuberculous Mycobacterial-Lung Disease. *J Thorac Imaging*. 2024 May 1;39(3):194-199. PubMed PMID: 38640144; PubMed Central PMCID: PMC11031630.
 58. Zhao LM, Lancaster AC, Patel R, Zhang H, Duong TQ, Jiao Z, **Lin CT**, Healey T, Wright T, Wu J, Bai HX. Association of clinical and imaging characteristics with pulmonary function testing in patients with Long-COVID. *Heliyon*. 2024 Jun 15;10(11):e31751. PubMed PMID: 38845871; PubMed Central PMCID: PMC11153179.
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 60. Prinster D, Mahmood A, Saria S, Jeudy J, **Lin CT**, Yi PH, Huang CM. Care to Explain? AI Explanation Types Differentially Impact Chest Radiograph Diagnostic Performance and Physician Trust in AI. *Radiology*. 2024 Nov;313(2):e233261. PubMed PMID: 39560483.
 61. Hsu WC, Kamona A, Oncel D, Fishman EK, **Lin CT**. The Utility of Cardiac Computed Tomographic Angiography in Differentiating Between Papillary Fibroelastoma, Infective Endocarditis, and Degeneration of the Aortic Valve. *J Comput Assist Tomogr*. 2024 Nov 13;. PubMed PMID: 39761504.
 62. Kunitomo Y, Woo H, Balasubramanian A, Fawzy A, **Lin CT**, Raju S, Belz DC, McCormack MC, Koehler K, Hansel NN, Putcha N. Longitudinal anemia status and risk for adverse outcomes in former smokers with COPD. *Respir Res*. 2024 Dec 19;25(1):437. PubMed PMID: 39702327.
 63. Gullotti D, Abou Areda M, Hsu WC, Shi V, Kim TK, Gomez E, **Lin CT**. Teaching the Technology: Evaluating a Video-Based PACS Curriculum for Radiology Residents. *Acad Radiol*. 2025 Feb 25. PubMed PMID: 40011094.
 64. Zhong Z, Zhang H, Fayad FH, Lancaster AC, Sollee J, Kulkarni S, **Lin CT**, Li J, Gao X, Collins S, Greineder CF, Ahn SH, Bai HX, Jiao Z, Atalay MK. Pulmonary Embolism Survival Prediction Using Multimodal Learning Based on Computed Tomography Angiography and Clinical Data. *J Thorac Imaging*. 2025 Apr 9. PubMed PMID: 40200808

Review Articles [RA]

1. Ropp A, **Lin CT**, White CS. Coronary computed tomography angiography for the assessment of acute chest pain in the emergency department: evidence, guidelines, and tips for implementation. *J Thorac Imaging*. 2015 May;30(3):169-75. PubMed PMID: 25730553.
2. Terpenning S, **Lin CT**, White CS. Lung cancer screening: Pros and Cons. *Applied Radiology*. 2015 July;24-8.
3. Kligerman SJ, Henry T, **Lin CT**, Franks TJ, Galvin JR. Mosaic Attenuation: Etiology, Methods of Differentiation, and Pitfalls. *Radiographics*. 2015 Sep-Oct;35(5):1360-80. PubMed PMID: 26274445.
4. **Lin CT**, Raman SP, Fishman EK. An algorithmic approach to CT of pulmonary arterial disorders. *Clin Imaging*. 2016 Nov - Dec;40(6):1226-1236. PubMed PMID: 27618804.
5. Hussien A, **Lin CT**. CT findings of fungal pneumonia with emphasis on aspergillosis. *Emerg Radiol*. 2018 Dec;25(6):685-689. PubMed PMID: 29956050.
6. Suresh K, Naidoo J, **Lin CT**, Danoff S. Immune Checkpoint Immunotherapy for Non-Small Cell Lung Cancer: Benefits and Pulmonary Toxicities. *Chest*. 2018 Dec;154(6):1416-1423. PubMed PMID: 30189190; PubMed Central PMCID: PMC6335259.
7. **Lin CT**, Rowe S, Chu LC, Recht H, Fishman EK. Cinematic rendering enhancements to virtual bronchoscopy: assessment of emergent tracheal pathology. *Emerg Radiol*. 2021 Feb;28(1):193-199. PubMed PMID: 32617731.
8. Malguria N, Yen LH, **Lin T**, Hussein A, Fishman EK. Role of Chest CT in COVID-19. *J Clin Imaging Sci*. 2021;11:30. PubMed PMID: 34221639; PubMed Central PMCID: PMC8247924.
9. Harowicz MR, Al Khalifah A, Cohen KA, DeMaio A, Illei PB, Fishman EK, **Lin CT**. Anatomic and Pathologic Causes of Recurrent Pulmonary Infections. *Radiographics*. 2023 Jun;43(6):e220106. PubMed PMID: 37261962.

Case Reports [CR]

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2. Galiatsatos P, Gomez E, **Lin CT**, Illei PB, Shah P, Neptune E. Secondhand smoke from electronic cigarette resulting in hypersensitivity pneumonitis. *BMJ Case Rep*. 2020 Mar 22;13(3). PubMed PMID: 32205381; PubMed Central PMCID: PMC7103820.
3. Duffy E, Yan J, Spitz JA, Ireland C, Shah R, **Lin CT**, Zimmerman J. Sporadic Abdominal Malady in a Female Mandating a Diagnosis. *Am J Med*. 2020 Apr;133(4):e120-e123. PubMed PMID: 31525339.

4. Dedrick RM, Freeman KG, Nguyen JA, Bahadirli-Talbott A, Smith BE, Wu AE, Ong AS, **Lin CT**, Ruppel LC, Parrish NM, Hatfull GF, Cohen KA. Potent antibody-mediated neutralization limits bacteriophage treatment of a pulmonary Mycobacterium abscessus infection. *Nat Med*. 2021 Jul 8. PubMed PMID: 34239133.
5. Dedrick RM, Freeman KG, Nguyen JA, Bahadirli-Talbott A, Cardin ME, Cristinziano M, Smith BE, Jeong S, Ignatius EH, **Lin CT**, Cohen KA, Hatfull GF. Nebulized Bacteriophage in a Patient With Refractory Mycobacterium abscessus Lung Disease. *Open Forum Infect Dis*. 2022 Jul;9(7):ofac194. PubMed PMID: 35794944; PubMed Central PMCID: PMC9251665.
6. Kim M, Harvey S, Danoff SK, Mecoli CA, Albayda J, Paik JJ, Christopher-Stine L, Illei PB, **Lin CT**. Rapidly progressive interstitial lung disease in patients with anti-melanoma differentiation-associated gene 5-positive dermatomyositis: serial changes on HRCT. *Emerg Radiol*. 2022 Aug 2. PubMed PMID: 35918568.
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8. Hussain N, **Lin CT**, Brookmeyer C. Mitral annuloplasty ring migration. *Int J Cardiovasc Imaging*. 2025 Mar 29. PubMed PMID: 40156691.

Book Chapters, Monographs [BC]

1. Sung LY, **Lin CT**, Cherian VP, Hellinger JC. Scimitar Syndrome. In: Reid J, Davros W, Paladin A, Lee E, Carrico C, ed. *Pediatric Radiology (Rotations in Radiology)*. New York, New York: Oxford University Press, 2014; 105-110.
2. **Lin CT**, Abramowicz AJ, Poon M. The Role of Coronary Computed Tomography Angiography in Cardiology Consultation. In: Stergiopoulos K, Brown DL, ed. *Evidence-Based Cardiology Consult*. New York, New York: Springer Press, 2014; 203-220.
3. **Lin CT**, Fishman EK. Normal Radiologic Anatomy and Anatomical Variants of the Chest Relevant to Thoracic Surgery. In: *Diagnostic Imaging for Thoracic Surgery*. 2018, 115-126.

Methods and Techniques, "How I Do It" articles [MT]

1. **Lin CT**, RaminPour S, Corl F, Fishman EK. There's an App for That: Creating a Coronary CT Angiography Learning Module for the iPad. *J Am Coll Radiol*. 2016 Apr;13(4):449-52. PubMed PMID: 26617347.
2. Gomez E, **Lin CT**. Resident Education in the Age of AI. *J Comput Assist Tomogr*. 2024 Nov 29;. [Epub ahead of print] PubMed PMID: 39631434.

Letters, Correspondence [LT]

1. White CS, Lim KY, Kligerman S, **Lin CT**. Reply to "Unexpected lung parenchymal findings on nonenhanced abdominal CT may raise suspicion of PE". *AJR Am J Roentgenol*. 2014 Dec;203(6):W746. PubMed PMID: 25415744.

Other Media [OM] (Videos, Websites, Blogs, Social Media, etc.)

1. Friedman M, **Lin CT**, Gould E. Metachondromatosis. *American College of Radiology Case-in-Point*, 7/9/2009.
2. Huston B, **Lin CT**, Wadhwa N, Edelstein Y. Mucocoele of the appendix with appendicolith and appendicitis. *American College of Radiology Case-in-Point*, 8/31/2012.
3. **Lin CT**, Hartendorp P, Desantis M. Pelvic kidney with crossed fused renal ectopia. *American College of Radiology Case-in-Point*. 8/1/2013.
4. Ahmed S, **Lin CT**. Lymphomatoid granulomatosis. *Society of Thoracic Radiology thoracic case of the month*, 5/2017.
5. Mehta TI, Heiberger C, Lancaster A, Umair M, Oncel D, Bai H, **Lin CT**. Automated Machine Learning with Radiomics for Predicting Chronicity of Pulmonary Nodules in Patients with Nontuberculous Mycobacterial Lung Infection. *Supplement to Applied Radiology*. 2024;(1):4-10.

EXTRAMURAL Funding

7/24-7/29 Supporting Patients Recovering from COVID-19 (SPaRC)
U18HS029937

This project will build upon the existing multidisciplinary Johns Hopkins Post-Acute COVID-19 Team (JH PACT) out-patient program to expand essential clinical services for, and facilitate patient-centered, equitable care delivery to, people living with long COVID, especially those from under-served communities.

PI: Ann M. Parker

Total direct cost: \$4,964,815

Role: Co-Investigator, 3% effort

8/23-7/26	Framework for radiomic standardization with application in pulmonary CT scans R01EB031592 Develop analytic tools for modeling, predicting, and estimating radiomics under realistic conditions including noise and blur. Apply standardized approaches in pulmonary radiomics models in multi-site human studies. PI: Joseph W. Stayman and Grace Jianan Gang Total direct cost: \$3,151,705 Role: Co-Investigator, 10% effort
7/24-6/25	FY25 JHU CRF Cancer Research Grant PHPA-2945/M00B5600171 Sponsor: Maryland Department of Health and Mental Hygiene (Cigarette Restitution Fund Program) PI: William Nelson Role: Co-Investigator, 1% effort
6/20-5/24	Mechanisms of DNA Damaged Induced Emphysema R01HL119476 This project examines the role of inherited defects in DNA repair in the pathogenesis of emphysema and its cancer-prone state, across both mouse and human studies. Sponsor: NIH-NHLBI PI: Mary Armanios Total direct cost: \$2,356,958 Role: Co-Investigator, 3% effort
1/21-12/24	Nonlinear performance analysis and prediction for robust low dose lung CT R01CA249538 The major goals of this project are to develop performance analysis frameworks for nonlinear reconstructions and develop assessment and optimization strategies of these algorithms to drive robust, low dose lung screening CT methods. Sponsor: NIH-NCI PI: Grace Jianan Gang Total direct cost: \$1,478,008 Role: Co-Investigator, 13% effort
7/18-6/24	Multi-Modality Quantitative Imaging for Evaluation of Response to Cancer Therapy U01CA140204 To develop, validate, and translate into clinical practice quantitative imaging methods for evaluating bone metastases. Sponsor: NIH-NCI PI: Yong Du Total direct cost: \$3,224,072 Role: Co-Investigator, 2% effort
10/22-10/24	JHU_Zbijewski_Research_XP_2022_DE The project will provide (i) full technical evaluation of the new three-layer DE FPD detector, (ii) expert diagnostic preference assessment of the DE FPD compared to SE radiography in chest imaging, (iii) data correction and material decomposition framework for DE radiography, and (iv) a comprehensive feasibility assessment of DE radiography for a variety of potential clinical applications. Sponsor: Siemens Medical Solutions PI: Wojciech B. Zbijewski Total direct cost: \$212,054 Role: Co-Investigator, 2% effort
03/22-02/24	Dynamic Tomosynthesis for Point of Care Imaging

To investigate the potential clinical applications of dynamic tomosynthesis of the chest.
Sponsor: Carestream Health, Inc.
PI: Wojciech B. Zbijewski
Total direct cost: \$303,063
Role: Co-Investigator, 1% effort

Research Extramural Funding – Previous

- 2021-2022 Dual Energy CT for Evaluating Proton Therapy and Surgical Planning (DEEP)
Sponsor: Alfred P. Sloan Foundation
PI: Ranh Voong
Role: Co-Investigator, 1% effort
- 2021 Modeling and Synthesis of COVID-19 positive Chest Radiographs & Computed Tomography Scans in Lung Cancer Patients via Deep Learning Generative Models
Sponsor: The Lung Ambition Alliance
PI: Jeremias Sulam
Total direct cost: \$50,000
Role: Co-Investigator, 1% effort
- 2018 Development and Visual Assessment of a Deep Learning System for Automated Tuberculosis Screening Using Chest Radiographs
Sponsor: Radiological Society of North America
Total direct cost: \$6000
PI: Cheng Ting Lin, Tae Kyung Kim
Role: Faculty Mentor, 0% effort
- 2018 Development and Visual Assessment of a Deep Learning System for Automated Tuberculosis Screening Using Chest Radiographs
Sponsor: The Association of Korean-American Medical Graduates Research Award
Total direct cost: \$1500
PI: Cheng Ting Lin, Tae Kyung Kim
Role: Faculty Mentor, 0% effort
- 2017-2019 Prior-image-based CT reconstruction for low-dose lung cancer screening
R21CA219608
Sponsor: NIH
Total direct cost: \$213,368
PI: J. Webster Stayman
Role: Co-Investigator, 3% effort (2017) 5% effort (2018)
Summary: The goal is to apply a prior-image-based CT reconstruction algorithm in order to reduce the amount of radiation dose used in follow-up chest CT scans.

INTRAMURAL Funding

Research Intramural Funding – Previous

- 2017-2018 Develop and validate nodule probability of malignancy score Pm for lung cancer early diagnosis
Sponsor: Johns Hopkins University
Total direct cost: \$100,000
PI: Peng Huang
Role: Co-Investigator, 2% effort
Summary: The goal is to validate the use of textural analysis software in conjunction with radiologic parameter assessment in creating a predictive model for lung nodule analysis in lung cancer screening CT scans.

CLINICAL ACTIVITIES

Clinical Focus

I am the go-to thoracic radiologist for the Johns Hopkins University School of Medicine. Evaluating interstitial lung disease, thoracic tumors, and airways disorders are integral parts of my clinical mission. I am regularly contacted by

pulmonologists, interventional pulmonologists, thoracic oncologists, thoracic surgeons, and thoracic radiation oncologists regarding the interpretation of their patient's imaging.

Certification

Medical, other state/government licensure

2008-2013 New York (inactive)
2013-present Maryland (D0075412); renewed 2022
2017-present District of Columbia (MD045005); renewed 2022

Boards, other specialty certification

2012 Cardiovascular Computed Tomography, Diplomate, Certification Board of Cardiovascular Computed Tomography (CBCCT)
2013 Board Certified, American Board of Radiology, Diplomate #64785
2017 Certified Imaging Informatics Professional, American Board of Imaging Informatics
2022 Cardiovascular Magnetic Resonance, Diplomate, Certification Board of Cardiovascular Magnetic Resonance (CBCMR)

Clinical (Service) Responsibilities

2014-present My target clinical effort assignment is 80% which was met.

Clinical Productivity *(such as the annual number of patients evaluated or treated, procedures performed, tertiary referrals, wRVUs, etc.)*

2016-present RECIST reader for clinical trials performed at Johns Hopkins University School of Medicine
2016-present Site radiologist for Johns Hopkins University, COPD Gene
2016-present My clinical productivity for FY20 and FY21 were 11253 and 10513, respectively

Clinical Draw

100% patients with imaging interpreted at Maryland, USA

Membership in or examiner for specialty board

2019-present Member of American Board of Radiology Core Cardiovascular Committee
Developed questions in cardiovascular radiology for the ABR core exam and participate in the annual committee meeting

Clinical Program Building / Leadership

2024-present Member of the AI Operations Council, Johns Hopkins Hospital
2024-present Co-chair of the Imaging AI Subcouncil, Johns Hopkins Hospital

Clinical Demonstration Activities to external audience, on or off campus

None

Development of nationally/internationally recognized clinical standard of care

None

EDUCATIONAL ACTIVITIES

Educational Focus

My educational focus is on cardiothoracic imaging. I dedicate a portion of my clinical days on instructing radiology trainees on image processing and interpretation, using innovative educational tools that I have developed.

Teaching

Classroom instruction

JHMI/Regional

2009-2012 Assistant Clerkship Instructor, for 4-8 3rd-4th year medical students, Radiology clerkship, per 2 month period, 30 total contact hours/year, Stony Brook University Medical Center, Stony Brook NY

2012-2013	Assistant Elective Instructor, 12 4 th year medical students pursuing radiology residency, Radiology Elective, 10 total contact hours, Stony Brook University Medical Center, Stony Brook NY
2013-present	Lecturer, Residency and Fellow Curriculum to JHH radiology fellows, twice/year and to radiology residents eight times per year, Johns Hopkins University School of Medicine, Baltimore MD
2019-present	Lecturer, First year radiology residents, ED preparedness curriculum, Johns Hopkins University School of Medicine, Baltimore MD
9/2020	Class instructor for session on thoracic radiology and lung diseases for engineering Masters students, Seminars on Medical Imaging, Johns Hopkins University Department of Biomedical Engineering, Baltimore MD
<i>National</i>	None
<i>International</i>	None

Clinical instruction

JHMI/Regional

2014-present	Diagnostic radiology residency, Clinical instructor for cardiovascular and body radiology, Johns Hopkins University School of Medicine, Baltimore MD
2015-present	Thoracic Radiology Curriculum Director, Radiology Residents, Johns Hopkins University School of Medicine, Baltimore MD
<i>National</i>	None
<i>International</i>	None

CME instruction

JHMI/Regional

2/2021	Lecturer to radiology trainees/technologists/attendings, 37th Annual Computed Body Tomography 2021: The Cutting Edge CME course. Zoom. Baltimore MD. Topics: 1) HRCT of Interstitial Lung Disease, 2) HRCT of Bronchial Diseases
11/2022	Lecturer to radiologists, The Radiological Society of New Jersey CT Body Imaging Symposium. Zoom. Topics: 1) HRCT of Progressive Interstitial Lung Disease, 2) HRCT of Recurrent Pulmonary Infections
5/2023	Lecturer to general internists, The 67th Annual Philip A. Tumulty Topics in Clinical Medicine. Zoom. Topic: Lung CT Screening Reporting & Data System
11/2023	Lecturer to primary care professionals, Management of the Lung Nodule for the Primary Care Provider: Lung Cancer Screening to Lung Cancer. Baltimore, MD. Topics: 1) Not All Nodules Are Created Equal: How to Interpret Radiology Recommendations, 2) Thoracic Tumor Board

National

2014-2015	Lecturer, Gave total of 6 lectures to 200-400 radiology residents, American Institute for Radiologic Pathology, Silver Spring MD
12/2016	Lecturer to radiologists and cardiologists, 3-day hands-on course in coronary CT angiography, American College of Radiology, Reston VA
2023-present	Lecturer, 2-day hands-on course in coronary CT angiography (5/15/23-5/16/23, 5/20/24-5/21/24), American College of Radiology, Reston VA

International

2016-2017	Lecturer, eRadiology training program Gave 5 online lectures to radiology trainees at St. Paul's Hospital in Addis Ababa, Ethiopia
2017	Reviewer, Oakstone Reviews in Chest Medicine Created monthly audio reviews of contemporary research articles in chest radiology
2022-present	Lecturer, Zambia radiology residents Provided 1-2 lectures over Zoom to radiology residents at University Teaching Hospital in Lusaka Zambia and at Georgetown Public Hospital in Guyana.

Workshops /seminars

JHMI/Regional

<i>National</i>	None
<i>International</i>	None

Mentoring

Pre-doctoral Advisees /Mentees

2018-2021 Tae Kyung Kim, BS, current radiology resident at JHUSOM (2021 medical school graduate), [original articles #25, 31, 32, 33, 39, 48]
RSNA Research Award and The Association of Korean-American Medical Graduates Research Award

Post-doctoral Advisees /Mentees

2018-2022 Dr. Paul H. Yi, MD, MSK/AI radiology faculty at St. Jude Children's Hospital (2020 radiology residency graduate), [original articles #25, 31, 32, 33, 39, 41, 43, 44, 45, 48]
RSNA Trainee Research Prize and Johns Hopkins University Radiology Resident Research Award.

2019-2022 Dr. Michael R. Harowicz, cardiothoracic radiology faculty at Duke University (2022 radiology residency graduate), [review article #9]
Certificate of Merit Award at Radiological Society of North America 2020 annual meeting
Certificate of Merit Award at Radiological Society of North America 2021 annual meeting

2023-2024 Dr. Wen-Chi Hsu, radiology faculty at Chang Gung Memorial Hospital Linkou, Taoyuan, Taiwan
[original articles #61, 63]

Thesis committees

None

Educational Demonstration Activities to external audiences, on or off campus

None

Educational Program Building / Leadership

None

RESEARCH ACTIVITIES

Research Focus

My expertise is both as a clinical radiologist who diagnoses cardiopulmonary diseases and as a researcher who has studied these diseases for many years. I have teamed up with several groups at JHU to pursue research in interstitial lung disease, lung cancer, and infectious pneumonia. My research interest is the quantitative analysis of radiologic images, focusing on methods involving deep learning and radiomics.

Research Program Building / Leadership

None

Research Demonstration Activities to external audience, on or off campus

None

Inventions, Patents, Copyrights

9/29/2005 Zhang CY, Lowell BB, Porco JA, Shen R, Lin CT, Krauss S. Genipin derivatives and uses thereof.
#7,649,014, awarded 1/19/2010

Technology Transfer Activities

None

SYSTEM INNOVATION AND QUALITY IMPROVEMENT ACTIVITIES

None

ORGANIZATIONAL ACTIVITIES

Institutional Administrative Appointments

2017-present	Director of Thoracic Imaging, Department of Radiology and Radiological Science, Johns Hopkins University School of Medicine, Baltimore MD Leadership role with responsibilities in all clinical and academic matters that involves thoracic imaging.
2017-present	Director of Clinical IT Integration, Department of Radiology and Radiological Science, Johns Hopkins University School of Medicine, Baltimore MD Administrative role where I serve as the clinical representative for many of the radiology IT projects and operational issues.
2018-present	Associate Program Director, Diagnostic Radiology Residency Program, Department of Radiology and Radiological Science, Johns Hopkins University School of Medicine, Baltimore MD Leadership role in which I work closely with the program director to manage the academic and clinical activities of 40+ residents.
2022-present	Chair, Radiology Artificial Intelligence Development (RAID) subcommittee, Diagnostic Radiology Residency Program, Department of Radiology and Radiological Science, Johns Hopkins University School of Medicine, Baltimore MD I lead the group that provides oversight on the evaluation, implementation, and monitoring of AI applications in the Radiology Department.
2024-present	Co-chair, Imaging AI Subcouncil, Johns Hopkins Hospital, Baltimore MD I co-lead the group that reviews proposals for clinical AI tools with an Imaging AI component at The Johns Hopkins Hospital.
2024-present	Member, AI Oversight Team, Johns Hopkins Hospital, Baltimore MD Standing member on a team that oversees proposals for clinical AI applications at The Johns Hopkins Hospital.

Editorial Activities

Editorial Board appointments

None

Journal peer review activities

2015	European Respiratory Society, Ad hoc reviewer
2019	Acta Radiologica, Ad hoc reviewer
2020	Journal of Computer Assisted Tomography, Ad hoc reviewer
2021	Journal of Thoracic Imaging, Ad hoc reviewer

Other peer review activities [non medico-legal]

2018-present	Consulting Editor – Live Programming, ARRS Reviewed ARRS electronic exhibits and write CME question items for the exhibit
2018-present	Abstract reviewer in thoracic radiology for the ARRS annual meeting
2020-present	Case reviewer for the RSNA Case Collection Reviewed cases submitted to RSNA's online educational tool which aims to be a comprehensive resource for radiologists at all level of training

Advisory Committees, Review Groups/Study Sections

None

Professional Societies

2011-2014	Member, Society of Cardiovascular Computed Tomography
2018-2020	RadioGraphics Informatics Review Panel Evaluated exhibits from the RSNA annual meeting for manuscript solicitation to the <i>RadioGraphics</i> journal
2009-2022	Member, American College of Radiology
2008-present	Member, Radiological Society of North America
2014-present	Member, Society of Thoracic Radiology
2015-present	Member, North American Society for Cardiovascular Imaging
2017-present	Member, Society of Imaging Informatics in Medicine
2018-present	American Board of Imaging Informatics (ABII) 10-Year Requirement Committee

	Review applications for 10-year recertification from Certified Imaging Informatics Professionals (CIIP) diplomats
2019-2025	Society of Thoracic Radiology (STR) Big Data committee Committee activities include multi-society efforts to generate annotated dataset for imaging challenges (e.g. RSNA-STR pulmonary embolism AI challenge) and developing common data elements for thoracic imaging
2025-present	Society of Thoracic Radiology (STR) Electronic Media committee Committee activities include overseeing all aspects of the STR web site and STR Online

Conference Organizer

None

Session Chair

None

Consultantships

None

RECOGNITION

Awards, Honors

2002	Pfizer Summer Undergraduate Research Fellowship
2003	Election to Phi Beta Kappa honor society
2003	College Prize for Excellence in Chemistry, Boston University (best student in undergraduate chemistry)
2003	Graduation with Honors (summa cum laude), Boston University
2012	Roentgen Resident/Fellow Research Award, Stony Brook University Hospital, awarded for distinguished performance in radiologic research
2015	Poster Competition Award for CT Angiography at North American Society for Cardiovascular Imaging 2015 annual meeting. Poster: A Diagnostic Approach to Pulmonary Arterial Abnormalities
2016	Diagnostic Radiology Faculty Teaching Award, Department of Radiology and Radiological Science, Johns Hopkins University School of Medicine
2017	Diagnostic Radiology Faculty Teaching Award, Department of Radiology and Radiological Science, Johns Hopkins University School of Medicine
2018	Diagnostic Radiology Faculty Teaching Award, Department of Radiology and Radiological Science, Johns Hopkins University School of Medicine
2019	Diagnostic Radiology Faculty Teaching Award, Department of Radiology and Radiological Science, Johns Hopkins University School of Medicine
2019	Faculty of the week (2/11/2019, 6/27/2019)
2020	Diagnostic Radiology Faculty Teaching Award, Department of Radiology and Radiological Science, Johns Hopkins University School of Medicine
2020	Mentorship Recognition Award (Mentee: Dr. Paul H. Yi), Department of Radiology and Radiological Science, Johns Hopkins University School of Medicine
2020	Certificate of Merit Award at Radiological Society of North America 2020 annual meeting. Exhibit: Breathe Sparingly: Diffuse Lung Diseases that Spare the Subpleural Regions
2021	Diagnostic Radiology Faculty Teaching Award, Department of Radiology and Radiological Science, Johns Hopkins University School of Medicine (tie)
2021	Certificate of Merit Award at Radiological Society of North America 2021 annual meeting. Exhibit: Here We Go Again: Anatomic And Pathologic Causes Of Recurrent Pulmonary Infections
2022	Mentorship Recognition Award (Mentee: Dr. Michael Harowicz), Department of Radiology and Radiological Science, Johns Hopkins University School of Medicine

Invited Talks

JHMI/Regional

8/2017	Speaker, Ordering Wisely CME course, Johns Hopkins University, "Coronary Artery Screening" and "Lung Cancer Screening", Baltimore MD.
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- 9/2018 Speaker, Ordering Wisely CME course, Johns Hopkins University, “Appropriate Imaging for Lung Cancer”, Baltimore MD.
- 5/2019 Speaker, Updates in Lung Cancer, Immunotherapy and Immune-related Toxicity: The Fourth Year, Johns Hopkins University, “Computer-aided Evaluation of Lung Nodules”, Baltimore MD.
- 2/2021 Speaker, Computed Body Tomography 2021: The Cutting Edge, Johns Hopkins University, “HRCT of Interstitial Lung Disease” and “HRCT of Bronchial Diseases”, Baltimore MD.
- 11/2022 Speaker, CT Body Imaging Symposium, The Radiological Society of New Jersey, “HRCT of Recurrent Pulmonary Infections” and “HRCT of Progressive Interstitial Lung Disease”, Whippany NJ.
- 5/2025 Speaker, AI Innovations in Business and Health Care program, Cheung Kong Graduate School of Business and Johns Hopkins Carey Business School, “Inside Look at AI in Radiology”, Baltimore MD.

National

- 3/2015 Speaker, Society of Thoracic Radiology annual meeting, “Cystic fibrosis”, Carlsbad CA.
- 3/2016 Speaker, Society of Thoracic Radiology annual meeting, “Imaging of Coronary Artery Bypass Grafts”, San Diego CA.
- 10/2016 Speaker, North American Society of Cardiovascular Imaging, annual meeting, “CT Angiography of Coronary Artery Disease”, Baltimore MD.
- 5/2017 Radiology panelist, American Thoracic Society International Conference, “Fellows Case Conference”, Washington DC.
- 9/2018 Speaker, North American Society for Cardiovascular Imaging annual meeting, “Coronary Artery Disease – Native Vessels”, Charleston SC.
- 5/2020 Keynote Speaker, American Roentgen Ray Society annual meeting. “Challenges to Deep Learning in Thoracic Imaging” scientific session keynote lecture, Chicago IL. (Cancelled due to COVID-19 pandemic)
- 9/2020 Speaker, Mountain Area Health Education Center, “16th Oncologic Imaging: A Multidisciplinary Approach” seminar, Asheville NC. (Annual in-person CME course, postponed to 2022 due to COVID-19 pandemic)
- 5/2022 Keynote Speaker, American Roentgen Ray Society annual meeting. “A Thoracic Radiologist’s Perspective on Data Science” scientific session keynote lecture, Chicago IL.
- 3/2025 Speaker, Society of Thoracic Radiology annual meeting, “Radiological Evaluation in Clinical Trials: RECIST and Beyond”, Huntington CA.

International

- 7/2022 Speaker, Changhua Christian Hospital Department of Medical Imaging, “Interstitial Lung Disease From Pneumonitis To Fibrosis”, Changhua Taiwan.
- 7/2023 Speaker, Changhua Christian Hospital Department of Medical Imaging, “Anatomic and Pathologic Causes of Recurrent Pulmonary Infections”, Changhua Taiwan.
- 7/2024 Speaker, Changhua Christian Hospital Department of Medical Imaging, “Understanding AI Research in Thoracic Radiology”, Changhua Taiwan.

OTHER PROFESSIONAL ACCOMPLISHMENTS

Posters

- 2010 **Lin CT**, Im EY, Rubin A, Grendell J, Katz DS. Clostridium difficile Colitis: CT Findings and Review of Clinical Implications. Radiological Society of North America (RSNA). Chicago, IL. Poster presentation. 2010.
- 2010 **Lin CT**, Im E, Modayil R, Grendell J, Katz DS. Comparison of Clinical Outcomes in Clostridium difficile Patients Imaged with and without Abdominal CT. Society of Gastrointestinal Radiologists (SGR). Poster presentation. 2010.
- 2010 Im GY, Modayil R, Katz D, Geier SJ, **Lin CT**, Grendell JH. Is the Appendix Protective Against Clostridium difficile Recurrence? New York Society of Gastrointestinal Endoscopy (NYSGE). Poster presentation. 2010.
- 2011 Feldmann EJ, Fernandez TJ, **Lin CT**, Hellinger JC, Daubert MA, Moore WH, Poon M. Radiation dose comparison between 320 and 64-detector row cardiac computed tomography with equivalent scan parameters in an anthropomorphic phantom. Society of Cardiovascular Computed Tomography (SCCT). Denver, CO. Poster presentation. 2011.
- 2011 **Lin CT**, Feldmann EJ, Daubert MA, Poon M, Hellinger JC. Coronary CT Angiography in Emergency Room Patients: The Influence of Image Quality on Interpretation and Exclusion of Coronary Artery Disease. Society of Cardiovascular Computed Tomography (SCCT). Denver, CO. Poster presentation. 2011.

- 2012 **Lin CT**, Feldmann EJ, Voros S, Noack PS, Poon M. Trends in Cardiac Catheterization Before and After Implementation of Coronary Computed Tomographic Angiography (CCTA) for the Triage of Emergency Department (ED) Patients. Society of Cardiovascular Computed Tomography (SCCT). Baltimore, MD. Poster presentation. 2012.
- 2012 Huston B, **Lin CT**, Fisher PR. A Pictorial Review of Echogenic Breast Masses. Radiological Society of North America (RSNA). Chicago, IL. Poster presentation. 2012.
- 2012 **Lin CT**, Feldmann EJ, Moore WH, Poon M. Value of Repeat Coronary CT Angiography in Emergency Room Patients Presenting with Recurrent Acute Chest Pain. Radiological Society of North America (RSNA). Chicago, IL. Electronic educational presentation. 2012.
- 2014 Lim KY, Kligerman SJ, **Lin CT**, White CS. Missed Pulmonary Embolism on Abdominal Computed Tomography. Society of Thoracic Radiology (STR). San Antonio, TX. Poster presentation. 2014.
- 2014 **Lin CT**, Raminpour S, Corl FM, White CS, Fishman EK. Coronary Artery Anomalies: An Algorithmic Approach to Detection and Management. Radiological Society of North America (RSNA). Chicago, IL. Electronic educational exhibit, 2014.
- 2015 **Lin CT**, Fishman EK. A Diagnostic Approach to Pulmonary Arterial Abnormalities. North American Society for Cardiovascular Imaging. San Diego, CA. Poster presentation. 2015.
- 2015 **Lin CT**, Fishman EK. A Diagnostic Approach to Pulmonary Arterial Abnormalities. Radiological Society of North America (RSNA). Chicago, IL. Electronic educational exhibit, 2015.
- 2016 **Lin CT**, Fishman EK. A Diagnostic Approach to Pulmonary Arterial Abnormalities. American Roentgen Ray Society (ARRS). Los Angeles, CA. Electronic educational exhibit, 2016.
- 2016 **Lin CT**, Zimmerman SL, Chu L, Eng J, Fishman EK. Diagnostic performance of handheld phone for evaluation of coronary artery stenosis and anomaly on coronary CTA. North American Society of Cardiovascular Imaging (NASCI). Baltimore, MD. Poster presentation. 2016.
- 2016 **Lin CT**, Zimmerman SL, Chu L, Fishman EK. Image quality of coronary arteries on chest CTA with high pitch mode: comparison between second-generation and third-generation dual-source CT scanners. North American Society of Cardiovascular Imaging (NASCI). Baltimore, MD. Poster presentation. 2016.
- 2018 **Lin CT**, Fishman EK. Papillary fibroelastoma: Multimodality Imaging Approach and Differential Diagnosis. Society of Thoracic Radiology. Austin, TX. Electronic exhibit. 2018.
- 2018 Kim TK, Yi PH, Kim T, Hager GD, **Lin C**. Development and Visual Assessment of a Deep Learning System for Automated Tuberculosis Screening Using Chest Radiographs. Poster Presentation (RSNA R&E Grant AI/ML Highlight) Radiological Society of North America 104th Scientific Assembly and Annual Meeting, Chicago, IL.
- 2018 Kim TK, Yi PH, Shin J, Wei J, Hager G, Hui FK, **Lin C**. PedsCheXNet: Deep Learning-Based Automated Detection of Pediatric Thoracic Diseases. Poster presentation, 2018 Johns Hopkins University School of Medicine Student Research Rounds Poster Session, Baltimore, MD.
- 2020 Harowicz MR, Illei P, Lin CT. Breathe Sparingly: Diffuse Lung Diseases that Spare the Subpleural Regions. Radiological Society of North America (RSNA). Chicago, IL. Electronic educational exhibit. 2020.
- 2021 Harowicz MR, Al-Khalifah A, Cohen K, DeMaio A, Illei P, Lin CT. Here We Go Again: Anatomic And Pathologic Causes Of Recurrent Pulmonary Infections. Radiological Society of North America (RSNA). Chicago, IL. Electronic educational exhibit. 2021.
- 2022 Lancaster AC, Cardin ME, Nguyen JA, Cohen KA, **Lin CT**. Application of Deep Convolutional Neural Networks in Determining Chronicity of Pulmonary Nodules in Patients with Nontuberculous Mycobacterial Lung Infection. American Thoracic Society. San Francisco, CA. Poster presentation by ACL.
- 2022 Simmerman A, Mecoli C, Danoff S, Illei P, **Lin CT**. That Escalated Quickly: Etiologies and Imaging Findings of Rapidly Progressive Interstitial Lung Disease. Radiological Society of North America (RSNA). Chicago, IL. Electronic educational exhibit. 2022.
- 2022 Song C, DeMaio A, Fishman EK, **Lin CT**. Taming the Broncho: An Imaging Guide to Acute Bronchial Disorders. Radiological Society of North America (RSNA). Chicago, IL. Electronic educational exhibit. 2022.
- 2023 Knopf JA, **Lin CT**. Short Telomere Syndrome and Interstitial Lung Disease. Society of Thoracic Radiology. Charleston, SC. Electronic educational exhibit. 2023.
- 2024 Anwar R, Hsu WC, Oncel D, Bachina P, **Lin CT**. Imaging Findings of Recurrent Neoplastic Disease on Surveillance Imaging of the Chest. Radiological Society of North America (RSNA). Chicago, IL. Electronic educational exhibit. 2024.

- 2008 **Lin CT**, Balani A, Im E, Pollack S, Grendell J, Katz DS. Clostridium difficile Diarrhea and Colitis in an Inpatient Population: Value of CT in Establishing Prognosis. Radiological Society of North America (RSNA). Chicago, IL. Oral presentation by CTL. 2008.
- 2012 **Lin CT**, Feldmann EJ, Moore WH. Discrepancy Rate of CT Pulmonary Angiogram Interpretations Between On-call Radiology Resident and Attending. Association of University Radiologists (AUR). San Antonio, Texas. Oral presentation by CTL. 2012.
- 2014 Kligerman SJ, Lahiji K, **Lin CT**, Jeudy J, Pugatch RD, Weihe EK, Frazier AA, White CS, Galvin JR. Detection of Pulmonary Embolism on CT: Improvement Using a Model-based Iterative Reconstruction Algorithm Compared to a Filtered Back Projection Algorithm. Radiological Society of North America (RSNA). Chicago, IL. Oral presentation by SJK, 2014.
- 2014 Caiying L, **Lin CT**, Kligerman SJ, Hong S, White CS. Enhancement Characteristics of the CTPA Test Bolus Curve: Use in Predicting Right Ventricular Dysfunction and Mortality in Patients with Acute Pulmonary Embolism. Radiological Society of North America (RSNA). Chicago, IL. Oral presentation by CSW, 2014.
- 2017 **Lin CT**, Zimmerman SL, Chu LC, Eng J, Fishman EK. Evaluation of Coronary Artery Disease and Coronary Anomalies with a Handheld Smartphone. World Congress of Thoracic Imaging. Boston, MA. Oral presentation by CTL. 2017.
- 2017 **Lin CT**, Zimmerman SL, Mitchell SE, Fishman EK. Pulmonary Venous Anomalies Causing Misdiagnosis of Pulmonary Arteriovenous Malformations. World Congress of Thoracic Imaging. Boston, MA. Oral presentation by CTL. 2017.
- 2017 **Lin CT**, Chu LC, Zimmerman SL, Fishman EK. Image quality of coronary arteries on chest CTA with high pitch mode: comparison between second-generation and third-generation dual-source CT scanners. World Congress of Thoracic Imaging. Boston, MA. Oral presentation by CTL. 2017.
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