

# **CT Surgery Resources for Medical Students**

## **Possible Training Pathways**

- Explanation of the pathways, <https://www.tsrnet.org/education/ct-surgery-training-pathways/>
- ACGME list of available programs, <https://apps.acgme.org/ads/public/> (instructions to access, <https://tsda.org/the-tsda/ct-residency-programs/>)
- Application/Match schedule, <https://tsda.org/resources/nrmp-and-tsda-match-schedules/>

## **Advice on Matching Integrated CT & Career Development**

- “Integrated cardiothoracic surgery: Developing a successful residency application.”, <https://www.ncbi.nlm.nih.gov/pubmed/31836181>
- “Integrated cardiothoracic surgery: Navigating interviews and the match.”, <https://www.ncbi.nlm.nih.gov/pubmed/32199661>
- “Applying for an integrated cardiothoracic surgery residency: Start early, but keep options open.”, <https://www.ncbi.nlm.nih.gov/pubmed/31735381>
- STS Student & Resident Resources, <https://www.sts.org/resources/student-resident-resources>
- STS Career Development, <https://www.sts.org/resources/career-resources>
- Northwestern Career Development, <https://www.feinberg.northwestern.edu/md-education/current-students/career-development/career-advising-specialties/cardiothoracic-surgery.html>
- TSDA FAQ’s, <https://tsda.org/the-tsda/ct-residency-programs/frequently-asked-questions/>

## **Conference & Research Scholarships**

- Conferences
  - STS Looking to the Future, <https://www.sts.org/resources/student-resident-resources/looking-future-scholarship-program>
  - AATS Member for a Day, [https://www.aats.org/aatsimis/AATSWeb/Association/AATS\\_Programs/Member\\_for\\_a\\_Day/AATS\\_Member\\_for\\_a\\_Day\\_Program.aspx](https://www.aats.org/aatsimis/AATSWeb/Association/AATS_Programs/Member_for_a_Day/AATS_Member_for_a_Day_Program.aspx)
  - WTS Scholarship Program, <https://wtsnet.org/awards-mentoring/program/>
  - STSA Scholarships, <https://stsa.org/james-w-brooks-scholarship/>
  - ECTSS Scholarships, <https://ectss.org/scholarships/>
- Research
  - AHA Student CV Research Scholarships, [https://professional.heart.org/professional/MembershipCouncils/ScientificCouncils/UCM\\_322561\\_Student-Scholarships-in-Cardiovascular-Disease-and-Stroke.jsp](https://professional.heart.org/professional/MembershipCouncils/ScientificCouncils/UCM_322561_Student-Scholarships-in-Cardiovascular-Disease-and-Stroke.jsp)
  - Sarnoff CV Research Fellowship, [https://www.sarnofffoundation.org/page/Fellowship\\_Info](https://www.sarnofffoundation.org/page/Fellowship_Info)
- Mentorship
  - WTS Travelling Mentorship Award, <https://wtsnet.org/awards-mentoring/scanlan/>

## **Useful Websites**

- CTSNet, <https://www.ctsnet.org/>
- TSRA, <https://www.tsrnet.org/>

## Societies

- Society of Thoracic Surgeons (STS), <https://www.sts.org/>
  - Can join as Pre-Candidate Member as a medical student, <https://www.sts.org/membership/apply-membership/pre-candidate-membership>
- Women in Thoracic Surgery (WTS), <https://wtsnet.org/>
- American Association for Thoracic Surgery (AATS), <https://www.aats.org/AATSIMIS/AATSWeb>

## Journals

- List of CT Journals, <https://www.ctsnet.org/journals>

## Podcasts

- CTSNet To Go, <https://www.ctsnet.org/ctsnet-go-podcasts>
- TSRA Podcast, <https://soundcloud.com/tsrapodcast>
- STS Surgical Hot Topics, <https://www.sts.org/publications/podcast-episodes>

## Literature on Integrated CT Programs

- Keilin CA, et al. "WTSA 2018: Ten Years Into the Integrated Residency Era: A Pilot Study Shows Many Cardiothoracic Surgery Faculty Still Favor the Traditional Pathway." *Semin Thorac Cardiovasc Surg*. 2019 Jul 11. pii: S1043-0679(19)30163-7. doi: 10.1053/j.semtcvs.2019.06.014. <https://www.ncbi.nlm.nih.gov/pubmed/31302237>
- Zhu Y, Goldstone AB, Woo YJ. "Integrated Thoracic Surgery Residency: Current Status and Future Evolution." *Semin Thorac Cardiovasc Surg*. 2019 Autumn;31(3):345-349. doi: 10.1053/j.semtcvs.2019.04.002. <https://www.ncbi.nlm.nih.gov/pubmed/30954666>
- Chen H, et al. "Attrition rates in integrated vascular and cardiothoracic surgery residency and fellowship programs." *J Vasc Surg*. 2019 Jan;69(1):236-241. Doi: 10.1016/j.jvs.2018.07.074. <https://www.ncbi.nlm.nih.gov/pubmed/30455051>
- Davis TA, Yang SC. "Unmatched Integrated Cardiothoracic Surgery Program Applicants: Where Do They End Up?" *Ann Thorac Surg*. 2018 Nov;106(5):1556-1560. doi: 10.1016/j.athoracsur.2018.03.046. <https://www.ncbi.nlm.nih.gov/pubmed/29689239>
- Stephens EH, et al. "Variability in Integrated Cardiothoracic Training Program Curriculum." *Ann Thorac Surg*. 2017 Jun;103(6):1984-1991. Doi: 10.1016/j.athoracsur.2017.01.079. <https://www.ncbi.nlm.nih.gov/pubmed/28450134>
- Jensen AR, et al. "Impact of integrated programs on general surgery operative volume." *Am J Surg*. 2017 Mar;213(3):460-463. doi: 10.1016/j.amjsurg.2016.10.029. <https://www.ncbi.nlm.nih.gov/pubmed/28057292>
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- Shah AA, et al. "Characterizing the Operative Experience of Cardiac Surgical Trainees: What Are Residents Really Doing in the Operating Room?" *Ann Thorac Surg*. 2016 Jun;101(6):2341-9. Doi: 10.1016/j.athoracsur.2015.12.069. <https://www.ncbi.nlm.nih.gov/pubmed/27021035>

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- Meza JM, Rectenwald JE, Reddy RM. "The bias against integrated thoracic surgery residency applicants during general surgery interviews." *Ann Thorac Surg*. 2015 Apr;99(4):1206-12. doi: 10.1016/j.athoracsur.2014.11.053. <https://www.ncbi.nlm.nih.gov/pubmed/25704862>
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