



Department of Surgery

UNIVERSITY OF WISCONSIN

SCHOOL OF MEDICINE AND PUBLIC HEALTH

JUNE 2026 PUBLICATIONS

Congratulations to all department members whose research was published in June 2026! The following list is organized by division within the Department of Surgery.

CROSS-DIVISION COLLABORATIONS

Assessing the evidence for neoadjuvant chemotherapy in patients with resectable pancreatic adenocarcinoma using the robustness of inference to replacement.

Cher BAY, Lin Q, Frank KA, Weber SM, Minter RM, Balentine CJ, Zafar SN.

Ann Surg Oncol. 2026 Jun;33(6):4924-4927. doi: 10.1245/s10434-026-19443-1. Epub 2026 Mar 12.

PMID: [41817933](#).

Characterization of plasma biomarkers in brain dead organ donors.

Molla MA, Keberlein MJ, Fechner JH, Halpin E, Zhang H, Weed HA, Hall BM, Huang L, Holm AM, Brown ME, Pouch SM, Neidlinger N, Kisat M, Kensinger CD, Mezrich JD.

J Surg Res. 2026 Jun 23;325:325-335. doi: 10.1016/j.jss.2026.05.041. Epub ahead of print.

PMID: [42335629](#).

ACUTE CARE AND REGIONAL GENERAL SURGERY

Association of geriatric consult services with geriatric processes of care and clinical outcomes in US trauma centers.

Ordoobadi AJ, Ho VP, Mahajan A, Cocanour C, Nathens AB, Zarzaur BL, Joseph B, Posluszny J, Stein DM, Jarman MP; American Association for the Surgery of Trauma Geriatric Committee and the American College of Surgeons Committee on Trauma Best Practice Guidelines Work Group.

J Am Geriatr Soc. 2026 Jun;74(6):1570-1577. doi: 10.1111/jgs.70320. Epub 2026 Jan 26.

PMID: [41582694](#).

Data-driven risk stratification and zonal classification of postoperative fluid collections after pancreaticoduodenectomy.

Moris D, Namgoong J, Gupta P, Bloomfield GC, Nigam A, Luckman ME, Fishbein TM, Radkani P, Winslow E.

HPB (Oxford). 2026 Jun 15:S1365-182X(26)00657-X. doi: 10.1016/j.hpb.2026.06.001. Epub ahead of print.

PMID: [42362417](#).

Surgical critical care entrustable professional activities: A new era in assessment.

Stein DM, Hildreth AN, Kaups KL, Agapian JV, Chung CY, Gelbard RB, Gummadi S, Jawa R, Jung HS, Kirsch JM, Robles A, Scott SE, Smith SG, Brasel KJ.

J Trauma Acute Care Surg. 2026 Jun 1;100(6):982-988. doi: 10.1097/TA.0000000000004867. Epub 2026 May 22.

PMID: [41498759](#).

The AAST International Relations Committee: Fostering education, scholarship, research and partnership.

Guo WA, Brahmbhatt TS, Jawa RS, Buhavac M, LaGrone LN, Nehra D, Bagaria D, Zhang G, de Moya M, Peralta R, Asensio JA, Aboutanos MB, Dicker R; AAST International Relations Committee; Buffalo, New York.

J Trauma Acute Care Surg. 2026 Jun 1;100(6):e57-e61. doi: 10.1097/TA.0000000000004902. Epub 2026 May 22.

PMID: [41632447](#).

Understanding the effect of transfusion rates on differential modulation of inflammatory responses.

Carney PR, Zarzaur BL, Holcomb JB, Fox EE, Wade CE, Savage SA.

J Surg Res. 2026 Jun 29;325:556-563. doi: 10.1016/j.jss.2026.05.069. Epub ahead of print.

PMID: [42372702](#).

CARDIOTHORACIC SURGERY

Artificial intelligence and the evolving paradigm of lung cancer management.

Martins RS, Hanna Y, Axtell AL.

Cancers (Basel). 2026 Jun 22;18(12):2012. doi: 10.3390/cancers18122012.

PMID: [42352544](#); PMCID: PMC13297349.

STS expert consensus document (2026) on addressing definition and practices of sublobar resection in non-small cell lung cancer.

Khullar OV, Kidane B, Altorki N, Antonoff M, Axtell AL, Kim SS, Krantz SB, Mitzman B, Raymond DP, Seder CW, Sood P, Towe CW, Wakwe WC, Crabtree T, Hayanga JWA.

Ann Thorac Surg. 2026 Jun 19:S0003-4975(26)00579-5. doi: 10.1016/j.athoracsur.2026.06.015. Epub ahead of print.

PMID: [42320552](#).

Sublobar resection in stage I non-small cell lung cancer with lymphovascular invasion.

Brady JR, Walker B, Zajac JC, McCarthy DP, Maloney JD, DeCamp MM, Axtell AL.

Ann Thorac Surg Short Rep. 2025 Nov 26;4(2):369-374. doi: 10.1016/j.atssr.2025.11.003.

PMID: [42266983](#); PMCID: PMC13245324.

Surgical sponge vanishing act: Failure of radiofrequency identification during left ventricular assist device placement in a cadaveric model.

Doyal AS, Choucair A, Giberson S, Merlo A, Tessmann P, Kumar P.

A A Pract. 2026 Jun 8;20(6):e02173. doi: 10.1213/XAA.0000000000002173.

PMID: [42257609](#).

PEDIATRIC SURGERY

Indocyanine green fluorescence for intraoperative tumor identification during resection of pediatric and adolescent intra-abdominal malignancy: A prospective multi-institutional observational study.

Schermerhorn SM, Hartman SJ, Dasgupta R, Jenkins TM, Lautz TB, Kastenberg Z, Malek MM, Aldrink JH, Piché N, Brown EG, Roach JP, Rhee DS, Polites SF, Lal DR, Kim ES, Le HD, Tracy ET, Davies DA, Boehmer C, Bondoc AJ; Pediatric Surgical Oncology Research Collaborative.

J Am Coll Surg. 2026 Jun 3. doi: 10.1097/XCS.0000000000002056. Epub ahead of print.

PMID: [42233485](#).

Intraoperative discovery of type II choledochal cyst, partial annular pancreas, and duodenal stenosis in a 45-day-old term born female infant.

Gouvea AAE, Stellon M, Chapman T, Cook SM, Brinkman A.

Case Rep Pediatr. 2026 Jun 19;2026:5914582. doi: 10.1155/crpe/5914582.

PMID: [42328349](#); PMCID: PMC13280457.

Outcomes and surgical management of malignant rhabdoid tumor of the kidney: A report from the Pediatric Surgical Oncology Research Collaborative.

Rinehardt HN, Tracy ET, Paredes A, Beckhorn C, Leraas HJ, Fusco J, McKay KG, Kontchou NT, Kastenberg ZJ, Hoyt DW, Roach J, Myers EK, Cost NG, Mullapudi B, Marchese CR, Jensen AR, Lautz TB, Carter M, Dasgupta R, Lundstedt J, Brungardt JG, Talbot L, Davidoff AM, Murphy AJ, Aldrink JH, Mansfield S, Piche N, Le-Nguyen A, Lal DR, Craig BT, Schuh JM, Cromeens BP, Mannava S, Castle S, Lopez A, Mello K, Short J, Petroze RT, Rajavel S, Thompson GR, Mattei P, Rothstein DH, Fialkowski E, Fowler K, Martchenko N, Rich BS, Glick RD, Brown EG, Doyle K, Abril P, Seemann N, Davidson J, Wilson CA, Le HD, Joshi D, Stellon M, Ahmed T, Dimmer A, Ehrlich PF, Hammoud M, Williams K, Grant CN, Gorgy M, Polites SF, Debertin J, Cameron DB, Stetson A, Kim ES, Lee WG, Barkhordar A, Austin M, Coakley BA, Kahan A, Murphy JT, Pitonak M, Boehmer C, Malek MM.

Pediatr Blood Cancer. 2026 Jun;73(6):e70296. doi: 10.1002/1545-5017.70296. Epub 2026 Mar 26.

PMID: [41889149](#).

Survival in children with hepatoblastoma and pulmonary metastatic disease at diagnosis based on extent of metastases and need for surgical clearance.

Polites SF, Vierkant RA, Aldrink JH, Lautz TB, Ragan MV, Reiter A, Chen SY, Kim ES, Rinehardt HN, Malek M, Fleming AM, Murphy AJ, Roach JP, Radhakrishnan S, Piche N, Osman Y, Lovvorn HN 3rd, Tracy ET, Favela J, Le HD, Marquart J, Craig B, Lal DR, Seemann N, Petroze R, Rich BS, Glick RD, Selesner L, Yoo A, Fialkowski E, Brown EG, Boehmer C, Dasgupta R, Langham MR Jr, Tiao GM, Kastenberg ZJ.

J Pediatr Surg. 2026 Jun;61(6):163034. doi: 10.1016/j.jpedsurg.2026.163034. Epub 2026 Feb 24.

PMID: [41747957](#).

PLASTIC SURGERY

BREAST-Q under the microscope: A scoping review of reporting gaps in breast surgery.

Fioranelli G, Alvarez N, Boswell J, Doan T, Christensen L, Orgun D, Dingle A.

Aesthet Surg J Open Forum. 2026 Jun 23;8:ojag127. doi: 10.1093/asjof/ojag127.

PMID: [42434378](#); PMCID: PMC13353821.

Charting tomorrow: A practical review of artificial intelligence in medical documentation.

Zeitouni F, Botros NE, Khosla AS, McKinney M, Craig JN, Alamo-Irizarry L, Rao VK.

Plast Reconstr Surg Glob Open. 2026 Jun 17;14(6):e7822. doi: 10.1097/GOX.00000000000007822.

PMID: [42317592](#); PMCID: PMC13275152.

Morphology over identity: A call for retiring broad demographic descriptors in rhinoplasty.

Craig J, Satish K, Zeitouni F, Tierney M, Rao VK.

Plast Reconstr Surg. 2026 Jun 17. doi: 10.1097/PRS.00000000000013272. Epub ahead of print.

PMID: [42312605](#).

The 3D-printed surgical microscope: An innovative, low-cost solution for global microsurgery education.

Eftekari SC, Wu EP, Zona EE, Carbullido MK, Via EC, Zeng W, Dingle AM, Poore SO.

Plast Reconstr Surg. 2026 Jul 1;158(1):181-184. doi: 10.1097/PRS.00000000000012671. Epub 2026 Jun 24.

PMID: [42340834](#).

SURGICAL ONCOLOGY

Beyond work relative value unit: Rationale for strategic partnership between health systems and Departments of Surgery.

Alam HB, Ghaferi AA, Kasirajan V, Minter RM, Upchurch GR Jr.

J Am Coll Surg. 2026 Jun 18. doi: 10.1097/XCS.0000000000002070. Epub ahead of print.

PMID: [42307568](#).

Cancer surgery at a cost: Understanding financial toxicity among patients in Pakistan.

Aslam A, Virani SS, Shaukat F, Khursheed AA, Tayyab Ul Hasan Siddiqui M, Saleem L, Jamal A, Lumati JS, Khan MR, Zafar SN.

J Surg Res. 2026 Jun;322:367-380. doi: 10.1016/j.jss.2026.03.090. Epub 2026 Apr 18.

PMID: [42001803](#).

Commission on Cancer quality measure for omission of sentinel lymph node biopsy (SNB) in women age 70 or older with hormone receptor-positive (HR+) invasive breast cancer (IBC) undergoing breast-conserving surgery (BCS): Review of historical performance.

Yee GN, Hwang S, Wilke LG, Freedman LM, Froix AJ, Ray E, Kuchta K, Eldridge L, Yao KA.

Ann Surg Oncol. 2026 Jun;33(6):5524-5532. doi: 10.1245/s10434-026-19222-y. Epub 2026 Feb 21.

PMID: [41723318](#).

Commission on Cancer quality measures: Time to breast operation quality measure.

Bleicher RJ, Hwang ES, Wilke LG, Freedman LM, Froix AJ, Ray EM, Sala CM, Park KU, Yao KA.

J Am Coll Surg. 2026 Jun 1;242(6):1699-1702. doi: 10.1097/XCS.0000000000001731. Epub 2026 May 14.

PMID: [41384625](#).

Defer, share, or drive the decision: Empowering patients with varied preferences to engage in decision-making (an analysis from Alliance A231701CD).

Saucke MC, Jacobson N, Chow S, McKinney G, Neuman HB.

Ann Surg. 2026 Jun 1;283(6):986-992. doi: 10.1097/SLA.0000000000006648. Epub 2025 Jan 31.

PMID: [39886762](#); PMCID: PMC12211989.

Identifying factors associated with postdischarge mortality after readmission following pancreaticoduodenectomy.

Virani SS, Ahmed KS, Marcinak C, Zafar SN.

J Surg Res. 2026 Jun;322:411-421. doi: 10.1016/j.jss.2026.03.109. Epub 2026 Apr 22.

PMID: [42025123](#).

Identifying novel estrogenic mitochondrial targets in hypothalamic proopiomelanocortin neurons by chemoproteomics.

Qiu J, Bosch MA, Wolfe M, Korac K, Rizzo S, Stincic TL, Farley SE, Fitzgerald W, Rajendran M, Laguerre A, Stein F, Copenhaver PF, Rønnekleiv OK, Rønnekleiv-Kelly SM, Rostovtseva TK, Bezrukov SM, Schultz C, Kelly MJ.

bioRxiv [Preprint]. 2026 Jun 22:2026.06.17.732817. doi: 10.64898/2026.06.17.732817.

PMID: [42395377](#); PMCID: PMC13320878.

Survival following colorectal cancer surgery in low- and middle-income countries: A systematic review and meta-analysis.

Afolaranmi O, Diehl TM, Salim Virani S, Yang Q, Christensen L, Okwunze K, Khan AH, Akhlaq Mughal N, Schroeder D, Pourdashti S, Khan S, Zafar SN.

J Surg Oncol. 2026 Jun;133(7):872-880. doi: 10.1002/jso.70235. Epub 2026 Mar 15.

PMID: [41834407](#); PMCID: PMC13352226.

The path to independence: Progression in entrustment reflected in entrustable professional activity ratings.

Diaconescu A, Kasirski J, White E, Korndorffer JR Jr, McLeod MC, Sarosi G, Barry C, Jones A, Minter RM, Brasel K, Lindeman B.

Ann Surg. 2026 Jun 12. doi: 10.1097/SLA.0000000000007114. Epub ahead of print.

PMID: [42277576](#).

TRANSPLANTATION

Improved tolerability of de novo letermovir over valganciclovir for cytomegalovirus prophylaxis in seropositive liver transplant recipients.

Kleiboeker HL, Descourouez JL, Saddler CM, Al-Adra D, Rice JP, Jorgenson MR.

Clin Transplant. 2026 Jun;40(6):e70597. doi: 10.1111/ctr.70597.

PMID: [42295027](#).

Kidney transplant access for persons who are incarcerated: A call for action.

Ng YH, Nonterah CW, Kumar V, Urbanski M, Rogers JL, Pavlakis M, Thiessen C.

Am J Kidney Dis. 2026 Jun 22:S0272-6386(26)00975-3. doi: 10.1053/j.ajkd.2026.03.046. Epub ahead of print.

PMID: [42331131](#).

Reprogramming hepatic resilience: BMK1 as a cytoprotective axis in liver ischemia-reperfusion injury.

Maluf DG, Al-Adra D, Mas VR.

Transplantation. 2026 Jun 1;110(6):e1174-e1176. doi: 10.1097/TP.0000000000005743. Epub 2026 Apr 21.

PMID: [42024323](#).

VASCULAR SURGERY

From assessment to action: Five years of progress in trauma system strengthening in Hawassa, Ethiopia.

Tefera G.

J Am Coll Surg. 2026 Jul 1;243(1):253-254. doi: 10.1097/XCS.0000000000001955. Epub 2026 Jun 12.

PMID: [41914606](#).

Validity evidence for entrustable professional activities assessments in surgery.

Weaver ML, Sun T, Johnson CE, Brooke BS, Park YS, Smith BK.

Acad Med. 2026 Jun 3;wvag170. doi: 10.1093/acamed/wvag170. Epub ahead of print.

PMID: [42236255](#).
