

Geoffrey Rogan Nunns
Curriculum Vitae

Appointments and Positions

9/2026–Present	Assistant Professor of Surgery UNIVERSITY OF COLORADO Department of Surgery-Division of Surgical Oncology
10/2023–7/30/2026	Assistant Professor of Surgery UNIVERSITY OF Pittsburgh Department of Surgery-Division of Surgical Oncology

Education

Fellowship:

8/2021–7/2023	UNIVERSITY OF PITTSBURGH, Pittsburgh, PA Complex General Surgical Oncology Administrative Fellow (8/2022–7/2023)
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Residency:

6/2014–6/2016	UNIVERSITY OF COLORADO DENVER, Aurora, CO General Surgery Residency, Categorical
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7/2016–6/2018	UNIVERSITY OF COLORADO DENVER, Aurora, CO Trauma Research Fellow, NIH T32 Training Grant
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7/2018–6/2021	UNIVERSITY OF COLORADO DENVER, Aurora, CO General Surgery Residency, Categorical
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Medical School:

8/2010–5/2014	BAYLOR COLLEGE OF MEDICINE, Houston, TX MD (High Honors) Alpha Omega Alpha
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College:

8/2005–5/2009	JOHNS HOPKINS UNIVERSITY, Baltimore, MD Bachelor of Arts, Biophysics (Honors) and History of Science Phi Beta Kappa
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State Licensure

Colorado State Medical License (DR.0065027)	5/2014–4/2023, 05/2026–04/2027
Pennsylvania State Medical License (MD481668)	7/2023–12/2026
Pennsylvania State Medical Training License (MT222785, inactive)	8/2021–7/2023

Certification

American Board of Surgery, General Surgery (Certificate #068325)	10/15/2021
American Board of Surgery, Complex General Surgical Oncology (Certificate #000555)	2/13/2024

Special Training

University of Pittsburgh Center for Healthcare Management–Foundations for Success:
Healthcare Leadership and Business Fundamentals (1/2022–6/2022)

National Membership and Societies

American College of Surgeons
Society of Surgical Oncology
Alpha Omega Alpha, Medical Honor Society

Service

National

SSO, GI Disease Site Working Group Committee Member	3/2024–3/2026
Hepatic Artery Infusion Consortium	10/2023–Current

Institutional

Robotic Steering Committee, UPMC Shadyside	1/2025–7/2026
Protocol Review Committee, UPMC Hillman Cancer Center	5/2021–6/2026

Educational Activities

Associate Program Director, UPMC Complex General Surgical Oncology Fellowship	10/2023–7/2026
Core Faculty for Surgery Rotation, UPMC Family Medicine Residency	7/2024–7/2026

Publications

1. Takahashi H, Dehal A, In H, Kwon S, Eskander M, Vidri RJ, Ecker BL, Ward E, Philips P, Konstantinidis IT, Vohra N, Kaplan B, **Nunns G**, Davis J, Grotz TE, Williams R, Kukar M. "Biomarker-Driven Management of Nonmetastatic GEJ Adenocarcinoma." *Ann Surg Oncol* 2026
2. Wach MM, Bank H, Kelly K, Le T, Derby J, **Nunns G**, Zureikat AH, Bartlett DL, Ahrendt SA, Pingpank JF, Choudry HA, Ongchin M. "A Retrospective Examination of Neoadjuvant Chemotherapy for Metachronous Colorectal Peritoneal Metastases Prior to CRS/HIPEC." *Ann Surg Oncol* 2026
3. Das R, Kleinberger J, Sawas T, Wald AI, Bubar R, Singh H, Chennat J, Khalid A, Romutis SL, Rabinovitz M, Tavakkoli A, Fairley KJ, Boone BA, Sarkaria S, Nasr J, Thiruvengadam NR, Gabbert C, Mahmood S, Messallam AA, Gjeorgjievski M, Goldschmiedt M, Thakkar S, Tiellemann T, Dugum M, Reich J, Singh S, Brand RE, McGrath K, Fasanella K, Lennon AM, Reddy R, Shrestha R, Ellis DJ, Singhi SA, Lee T, Kay PS, Lee RD, Chua TY, Nassour I, Buxbaum JL, Law JK, Bhat Y, Jamidar PA, Jonica ER, Easler JJ, Skef W, Vanderveldt HD, Dasyam AK, Geller DA, Zureikat AH, Zeh HJ, Polanco PM, Marsh JW, Hogg M, Lee KK, Pingpank JF, Choudry MHA, Humar A, Schmidt C, Mansour J, **Nunns G**, Ongchin M, Paniccchia A, Lajara S, Monaco SE, Ohori NP, Pantanowitz L, Mitchell JM, Smith K, Shaker N, Singhi AH, Hsu D, Saeed A, Sahin IH, Zhang J, Gorantla V, Rhee J, Nikiforova MN, Kubiliun N, Slivka A, Singhi AD. "DNA/RNA-Based Next-Generation Sequencing Improves the Early Diagnosis and Management of Neoplastic Bile Duct Strictures: A 6-Year, Prospective, Multi-Institutional, Real-Time Study." *Gastroenterology* 2026
4. Dubrovsky G, Qian J, Ceuppens S, Chopra A, **Nunns GR**, AlMasri S, Nassour I, Singhi A, Lee K, Zureikat A, Paniccchia A. "Comparative outcomes analysis of Whipple procedure in dialysis-dependent patients: A propensity-matched study using NSQIP data." *Pancreatology* 2026.
5. Bakhtiar M, Razi S, Ahmed R, Mahnoor M, Ismail A, AlMasri S, **Nunns G**, Paniccchia A, Ongchin MC, Zureikat A, Pingpank J, Choudry H, Saeed A. "Efficacy and safety of intraperitoneal paclitaxel-based regimens in patients with gastric cancer and peritoneal metastasis: A systematic review and meta-analysis." *Eur J Surg Oncol* 2025
6. Chopra A, He HZ, Milosevic J, Tirukkovalur N, Asmar RE, Nassour I, **Nunns G**, Chen M, Chen J, Jiang S, Singhi AD, Saeed A, Zhang J, Lee K, Zureikat A, Zheng SY, Paniccchia A. "KRAS Mutation Allele Frequency Dynamics in Plasma Extracellular Vesicles: Association with Survival in Localized Pancreatic Adenocarcinoma." *Ann Surg Oncol* 2025.
7. Wood-Trageser MA, Nichols CT, Hutchings DA, Bell D, Wald AI, Smith K, Hong SM, Luchini C, Brosens LAA, Verschuur AVD, Bevere M, Lawlor RT, Scarpa A, Keating S, Tucker J, O'Sullivan RJ, Liu TC, McGrath K, Fasanella K, Brand RE, Lennon AM, Das R, Singh H, Slivka A, Mahmood S, Hosmer AE, Khalid A, Romutis SL, Zureikat AH, Zeh HJ, Hogg ME, Lee KK, Paniccchia A, **Nunns G**, Ongchin M, Park WG, Polanco PM, He J, Simeone DM, Ferrone CR, Hsu D, Zhang J, Gorantla V, Rhee J, Hruban RH, Singhi AH, Singhi SA, Wang CK, Shaker N, Bubar R, Grupillo M, Lai YT, Nikiforova MN, Heaphy CM, Waters KM, Singhi AD. "Recurrent BEND2 Fusion Genes Identified

by Whole Transcriptome Sequencing of Nonfunctional Pancreatic Neuroendocrine Tumors Correlate with Poor Patient Prognosis.” *Mod Path* 2025.

8. Chopra A, Ranellone N, **Nunns G**, Paniccia A. “Robotic-assisted pancreatic enucleation: Posterior uncinate approach.” *Updates Surg* 2024
9. Hamed AB, El Asmar R, Tirukkovalus N, Tcharni A, Tatsuoka C, Jelinek M, Derby J, Dubrovsky G, **Nunns G**, Ongchin M, Pingpank JF, Zureikat AH, Bartlett DL, Singhi A, Choudry MH, Almasri SS. “Insight into Predictors of Cytoreduction Score Following Cytoreductive Surgery-Hyperthermic Intraperitoneal Chemotherapy for Gastric Peritoneal Carcinomatosis Improves Patient Selection and Prognostic Outcomes.” *Ann Surg Oncol* 2024.
10. Wach MM, **Nunns G**, Hamed A, Derby J, Jelinek M, Tatsuoka C, Holtzman MP, Zureikat AH, Bartlett DL, Ahrendt SA, Pingpank JF, Choudry MH, Ongchin M. “Normal CEA Levels After Neoadjuvant Chemotherapy and Cytoreduction with Hyperthermic Intraperitoneal Chemoperfusion Predict Improved Survival from Colorectal Peritoneal Metastases.” *Ann Surg Oncol* 2024.
11. Stettler GR, Moore EE, **Nunns GR**, Kelher M, Banerjee A, Silliman CC. “Effects of Blood Components and Whole Blood in a Model of Severe Trauma-Induced Coagulopathy.” *J Surg Res* 2021.
12. Stettler GR, Moore EE, Huebner BR, **Nunns GR**, Moore HB, Coleman JR, Kelher M, Banerjee A, Silliman CC. “28-day thawed plasma maintains α_2 -antiplasmin levels and inhibits tPA-induced fibrinolysis.” *Vox Sang* 2021.
13. Stettler GR, Moore EE, **Nunns GR**, Moore HB, Huebner BR, Silliman CC, Banerjee A, Sauaia A. “Do not drink and lyse: alcohol intoxication increases fibrinolysis shutdown in injured patients.” *Eur J Trauma Emerg Surg* 2021.
14. **Nunns GR**, Vigneshwar N, Kelher MR, Stettler GR, Gera L, Reisz JA, D'Alessandro A, Ryon J, Hansen KC, Gamboni F, Moore EE, Peltz ED, Cohen MJ, Jones KL, Sauaia A, Liang X, Banerjee A, Ghasabyan A, Chandler JG, Rodawig S, Jones C, Eitel A, Hom P, Silliman CC. “Succinate Activation of SUCNR1 Predisposes Severely Injured Patients to Neutrophil-Mediated ARDS.” *Ann Surg* 2020.
15. Coleman JR, Moore EE, Silliman CC, Stettler GR, **Nunns GR**, Samuels JM, Bartley MG, Vigneshwar NG, Cohen MJ, Fragoso M, Sauaia A. “Examining the Effect of Hypertonic Saline Administered for Reduction of Intracranial Hypertension on Coagulation.” *J Am Coll Surg* 2020.
16. Stettler GR, Moore EE, Moore HB, **Nunns GR**, Coleman JR, Colvis A, Ghasabyan A, Cohen MJ, Silliman CC, Banerjee A, Sauaia A. “Variability in international normalized ratio and activated partial thromboplastin time after injury are not explained by coagulation factor deficits.” *J Trauma Acute Care Surg* 2019.
17. Sumislawski JJ, Christie SA, Kornblith LZ, Stettler GR, **Nunns GR**, Moore HB, Moore EE, Silliman CC, Sauaia A, Callcut RA, Cohen MJ. “Discrepancies between conventional and viscoelastic assays in identifying trauma-induced coagulopathy.” *Am J Surg* 2019.
18. Clendenden N, **Nunns GR**, Moore EE, Gonzalez E, Chapman M, Reisz JA, Peltz E, Fragoso M, Nemkov T, Wither MJ, Sauaia A, Silliman CC, Hansen K, Banerjee A, D'alessandro A, Moore HB. “Selective organ ischaemia/reperfusion identifies liver as the key driver of the post-injury plasma metabolome derangements.” *Blood Transfus* 2019.

19. Stettler GR, Moore EE, Moore HB, **Nunns GR**, Silliman CC, Banerjee , Sauaia A. "Redefining postinjury fibrinolysis using two viscoelastic assays." *J Trauma Acute Care Surg* 2019.
20. Stettler GR, Sumislawski JJ, Moore EE, **Nunns GR**, Kornblith LZ, Conroy AS, Callcut RA, Silliman CC, Banerjee A, Cohen MJ, Sauaia A. "Citrated Kaolin Thrombelastography (TEG) Thresholds for Goal-Directed Therapy in Injured Patients Receiving a Massive Transfusion." *J Trauma Acute Care Surg* 2018.
21. **Nunns GR**, Moore EE, Stettler GR, Moore HB, Ghasabyan A, Huebner BR, Silliman CC, Banerjee A, Sauaia A. "Empiric Transfusion Strategies During Life-Threatening Hemorrhage." *Surgery* 2018.
22. Stettler GR, Moore EE, **Nunns GR**, Chandler J, Peltz E, Silliman CC, Banerjee A, Sauaia A. "Rotational Thromboelastometry (ROTEM) Thresholds for Patients at Risk for Massive Transfusion." *J Surg Res* 2018.
23. **Nunns GR**, Stringham JR, Gamboni F, Moore EE, Fragoso M, Stettler GR, Silliman CC, Banerjee A. "Trauma and Hemorrhagic Shock Activate Molecular Association of 5-lipoxygenase and 5-lipoxygenase-Activating protein in Lung Tissue." *J Surg Res* 2018.
24. Reisz JR, Wither MJ, Moore EE, Moore HB, Ghasabyan A, Chandler J, Schaub LJ, Fragoso M, **Nunns G**, Silliman CC, Hansen K, Banerjee A, Sheppard F, D'Alessandro A. "All animals are equal but some animals are more equal than others: Plasma lactate and succinate in hemorrhagic shock- A comparison in rodents, swine, nonhuman primates and injured patients." *J Trauma Acute Care Surg* 2018.
25. Huebner BR, Moore EE, Moore HB, Stettler GR, **Nunns GR**, Lawson P, Sauaia A, Kelher M, Banerjee A, Silliman CC. "Thrombin Provokes Degranulation of Platelet α -Granules Leading to the Release of Active Plasminogen Activator Inhibitor-1 (PAI-1)." *Shock* 2018.
26. Slaughter AL, **Nunns GR**, D'Alessandro A, Banerjee A, Hansen KC, Moore EE, Silliman CC, Nemkov T, Moore HB, Fragoso M, Leasia K, Peltz ED. "The Metabolopathy of Tissue Injury, Hemorrhagic Shock and Resuscitation in a Rat Model." *Shock* 2018.
27. Moore HB, Moore EE, Huebner BR, Dzieciatkowska M, Stettler GR, Nunns GR, Lawson PJ, Ghasabyan A, Chandler J, Banerjee AA, Silliman CC, Sauaia A, Hansen K. "Fibrinolysis Shutdown Is Associated with a Five-Fold Increase in Mortality in Trauma Patients Lacking Hypersensitivity to Tissue Plasminogen Activator." *J Trauma Acute Care Surg* 2017.
28. Stettler GR, Moore EE, Moore HB, **Nunns GR**, Huebner BR, Einersen P, Ghasabyan A, Silliman CC, Banerjee AA, Sauaia A. "Platelet ADP Receptor Inhibition Provides no Advantage in Predicting Need for Platelet Transfusion or Massive Transfusion." *Surgery* 2017.
29. Huebner BR, Moore EE, Moore HB, Shepherd-Singh R, Sauaia A, Stettler GR, Nunns GR, Silliman CC. "14-Day thawed plasma retains clot enhancing properties and inhibits tPA-induced fibrinolysis." *J Surg Res* 2017.
30. **Nunns GR**, Moore EE, Chapman MP, Moore HB, Stettler GR, Peltz E, Burlew CC, Silliman CC, Banerjee A, Sauaia A. "The Hypercoagulability Paradox of Chronic Kidney Disease: The Role of Fibrinogen." *American Journal of Surgery* 2017.

31. Stettler GR, Moore EE, Moore HB, Lawson PJ, Fragoso M, **Nunns GR**, Silliman CC, Banerjee A. "Thrombelastography indicates limitations of animal models of trauma-induced coagulopathy." *J Surg Res* 2017.
32. Moore HB, Moore EE, Huebner BR, Stettler GR, **Nunns GR**, Einersen PM, Silliman CC, Sauaia A. "Tranexamic acid is associated with increased mortality in patients with physiological fibrinolysis." *J Surg Res* 2017.
33. Clendenen N, **Nunns GR**, Moore EE, Reiz JA, Gonzalez E, Peltz E, Silliman CC, Fragoso M, Nemkov T, Wither MJ, Hansen K, Banerjee A, Moore HB, D'Alessandro A. "Hemorrhagic Shock and Tissue Injury Drive Distinct Plasma Metabolome Derangements in Swine." *J Trauma Acute Care Surg* 2017.
34. Miller AK, Yu T, Britten R, Cooling MT, Lawson J, Cowan D, Garny A, Halstead MD, Hunter PJ, Nickerson DP, Nunns G, Wimalaratne SM, Nielsen PM. "Revision history aware repositories of computational models of biological systems." *BMC Bioinformatics* 2011.

Book Chapters

1. **Nunns GR**, Moore HB, Moore EE. "Goal Directed Massive Transfusion Management." *Trauma Induced Coagulopathy* 2nd Edition. Editors Moore HB, Neal M, Moore EE. Springer. 2021.
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Presentations and Abstracts

1. **Nunns GR**, Boone BA, Nassour I, Polanco PP, Zeh HJ, Marsh W, Hogg M, Lee KK, Pingpank JF, Choudry HA, Humar A, Schmidt C, Mansour J, Ongchin M, Paniccia A, Zureikat AH, Singhi AD. "DNA/RNA-Based Next-Generation Sequencing (NGS) Improves the Early Diagnosis and Management of Malignant Bile Duct Strictures: A Five-Year, Prospective, Multi-Institutional Study." Podium Presentation at the Society of Surgical Oncology Annual Meeting, Tampa, FL 3/2025.
2. **Nunns GR**, Schulick RD, Weiland A, Lane A, Rau T, Landau C, Barnett CC. "Survival in rural patients is not different from urban patients with hepatocellular carcinoma when utilization of care occurs in a Veterans Affairs population." Poster Presentation at the Society of Surgical Oncology Annual Cancer Symposium 2020.
3. **Nunns GR**, Moore EE, Stringham JR, Stettler GR, D'Alessandro A, Mitra S, Banerjee A, Silliman CC, Peltz ED. "Gut Derived Succinate Provides Toxicity to Post-Shock Mesenteric Lymph and Contributes to Remote Organ Dysfunction Following Injury." Oral presentation at the American College of Surgeons Clinical Congress, Boston, MA. 10/18.
4. **Nunns GR**, Stettler GR, Moore EE, Moore HB, Banerjee A, Silliman CC, Sauaia A. "Epidemiology of Trauma-Induced Coagulopathy (TIC): Thrombelastography Phenotypes." Poster presentation at the American Association for the Surgery of Trauma, San Diego, CA. 9/18.
5. **Nunns GR**, Banerjee A, Moore EE, Peltz E, Kelher M, D'Alessandro A, Stettler GR, Slaughter AL, Liang X, Ryon J, Fragoso M, Sauaia A, Silliman CC. "Elevated Succinate Generates Lung Injury in a Two-Event Model." Poster Presentation at the 41st Annual Conference on Shock, Scottsdale, AZ. 6/10/18.

6. **Nunns GR**, Moore HB, Moore EE, Stettler GR, Sumislawski JJ, Cohen MJ, Cotton BA, Silliman CC, Banerjee A, Sauaia A. “Fibrinolysis Phenotypes in the Elderly: Implication for Empiric Anti-fibrinolytics.” Oral Presentation at the 19th European Congress of Trauma & Emergency Surgery, Valencia, Spain. 5/8/18.
 7. **Nunns GR**, Moore EE, Stettler GR, Moore HB, Ghasabyan A, Chandler J, Cohen MJ, Peltz E, Silliman CC, Banerjee A, Sauaia A. “Empiric Transfusion Strategies During Life-Threatening Hemorrhage.” Oral Presentation at the 13th Annual Academic Surgical Congress, Jacksonville, FL. 2/1/18.
 8. **Nunns GR**, Banerjee A, Moore EE, Kelher M, D’Alessandro A, Burke T, Peltz E, Sauaia A, Silliman CC. “Post-Traumatic Acute Lung Injury: The Role of The Mitochondrial Metabolite Succinate.” Poster presentation at the American College of Surgeons Clinical Congress, San Diego, CA. 10/24/17.
 9. **Nunns GR**, Moore EE, Chapman MP, Moore HB, Stettler GR, Peltz E, Burlew CC, Silliman CC, Banerjee A, Sauaia A. “The Hypercoagulability of End Stage Renal Disease: The Role of Fibrinogen.” Oral Presentation at the 69th Annual Southwestern Surgical Congress, Maui, HI. 4/2/16.
 10. **Nunns GR**, Clendenen N, Moore HB, D’Alessandro A, Gonzalez E, Peltz E, Silliman CC, Fragoso M, Sauaia A, Banerjee A, Moore EE. “Hemorrhagic Shock Drives the Plasma Metabolome in Trauma.” Oral Presentation at the 12th Annual Academic Surgical Congress; Las Vegas, NV. 2/8/17.
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Invited Lectures and Seminars

1. **Nunns GR**. “When to Utilize Proximal Gastrectomy vs Total Gastrectomy.” Part of Gastroesophageal Cancers Great Debate at the Society of Surgical Oncology Annual Meeting, Tampa, Fl 3/2025.