

Hello! My name is Ethan Damron, and I am a PGY-2 at MD Anderson Cancer Center in Houston, TX. My interest in joining the Education Subcommittee of the ARRO Executive Committee stems from my passion for teaching, mentoring, and improving the learning process for the trainees who follow in my footsteps.

During my first semester of medical school, I often felt lost trying to figure out how to incorporate the many resources available to optimize my learning. To streamline the studying process, I created an Anki deck with approximately 7,000 flashcards mapped to our in-house curriculum as well as third-party resources, created YouTube videos to help other students improve their studying while incorporating Anki, and regularly met with students to help them learn and study more efficiently. I also joined my medical school's curriculum committee as a student representative to help improve our curriculum and recommend adjustments based on student feedback.

I have also spent the last several years working with AnKing Med to improve both the AnKing Step and MCAT Anki decks. These efforts have taught me a great deal about creating concise, high-yield flashcards that eliminate extraneous information to reduce overall study time while still maximizing learning and retention. I definitely love tapping the spacebar and look forward to joining the efforts to build out the remaining ARRO Anki decks to make clinical and board studying more effective and efficient.

Additionally, I am eager to assist in ARRO's efforts to provide educational resources for topics less commonly discussed in residency that are still vital to our careers as radiation oncologists, such as treatment planning review. An area I would love to focus on and expand is simulation education. Adjusting to residency is challenging. We often talk about dose, fractionation, and proper contouring, but learning simulation setup and the nuanced differences among disease sites and treatment modalities can be difficult, given the many variations and the lack of a centralized repository to learn from. I would like to create a guide or resource that teaches the basic principles of simulation, particularly emphasizing why we simulate patients in certain positions, the indications and uses for the many devices we use, and, most importantly, how positioning and device use affect treatment planning to optimize coverage and reduce toxicity.

I would be honored to contribute to ARRO's mission of advancing resident education and supporting the next generation of radiation oncologists. Thank you for your consideration and for your commitment to strengthening training within our specialty.

ETHAN PAUL DAMRON, MD

4710 Cedar Butte Lane, Manvel, TX 77578
epdamron@mdanderson.org | 480-586-0235

EDUCATION

- 2025 – 2029 **MD Anderson Cancer Center, Houston, TX**
Radiation Oncology Resident (PGY2-PGY5)
- 2024 – 2025 **McGovern Medical School at UT Health, Houston, TX**
Preliminary Medicine Resident (PGY1)
- 2019 – 2024 **McGovern Medical School at UT Health, Houston, TX**
Doctor of Medicine, May 2024
- 2012 – 2019 **Brigham Young University, Provo, UT**
BS in Biochemistry, graduated *cum laude* (GPA 3.92)

HONORS AND AWARDS

- 2023 **Alpha Omega Alpha Honor Society**
The Alpha Omega Alpha Honor Medical Society (AOA) recognizes and advocates for excellence in scholarship and the highest ideals in the profession of medicine.
- 2023 **Gold Humanism Honor Society**
The Society's goal is to recognize individuals who are exemplars of humanistic patient care and who can serve as role models, mentors, and leaders in medicine.
- 2022 **MD Anderson Adolescent and Young Adult (AYA) Scholarship**
\$3000 scholarship for young adult cancer survivors who demonstrate academic excellence while working towards their degree.
- 2021 **MDA Anderson Medical Student Summer Research Presentation Winner**
Award goes to students that complete a well-designed research project and subsequently present their findings in an articulate, high-quality manner.
- 2019 – 2024 **McGovern Medical School Scholarship**
\$1000 yearly scholarship for tuition.

2012 **Eagle Scout Award**
Created personal hygiene kits for low-income families who had infants admitted to the neonatal intensive care unit (NICU).

LEADERSHIP

2023 – 2024 **Executive Advisory Board of the Medical Student Research Office**
The board serves as the primary leadership body providing guidance on the policies, functions, and directions of medical student research at McGovern Medical School.

2022 – 2024 **McGovern Medical School Executive Advisory Board of the Medical Student Research Office**
Worked with board members to provide guidance on the policies, functions, and directions of medical student research at McGovern Medical School.

2020 – 2024 **McGovern Medical School Curriculum Committee**
Worked with faculty and students to identify areas of improvement in our curriculum and then provided feedback during monthly curriculum committee meetings.

2020 – 2024 **McGovern Medical School Student Interest Groups**
President, Vice President

Served as president or vice president of the Oncology Student Association, Parents of McGovern, Skeletones A Capella Group, and Academic Medicine Student Organization.

Facilitated group meetings and lecture series aimed at mentorship, support, and education about career opportunities in oncology and academic medicine.

Created a series of workshops to teach students the skill of writing in academic medicine.

Directed rehearsals and performances for the Skeletones A Capella Group.

Provided fellow medical student parents with support, friendship, and resources during their medical education.

Assisted in organizing family events for students at McGovern to bring their partners and children to play games and build relationships.

TEACHING, MENTORING, & EDUCATION

2020 – 2026 **AnKing Med Director of Quality Control and Head MCAT Maintainer**

Anki is a flashcard software that employs evidence-based “spaced repetition” to help users to learn and retain information for long periods of time. Assist in creating online resources and providing individualized help to pre-medical and medical students using Anki. Manage a comprehensive flashcard deck for Step 1/Step 2/Step 3/MCAT, which is currently being used by over 300,000 medical students worldwide.

2021 – 2025 **McGovern Medical School Medical Student Mentor**

Serve as a mentor for the MS1-MS4 classes as part of the Bain McGovern Society to help them as they adjust to life as medical students, studying effectively, and preparing for clinical rotations.

2018 – 2025 **MCAT Tutor**

Worked for Altius Test Prep and then Select Med Tutoring tutoring students on basic scientific principles and test taking strategies, including one-on-one and classroom settings.

2019 – 2025 **Medical Student Education Resource Initiative, President and Founder**

Created a student interest group aimed at educating medical students on how to use various educational resources to enhance their medical education. Assisted in the creation of an academic survival guide for incoming MS1s. Created a series of YouTube videos to help incoming medical students adjust to studying in medical school. Regularly met with students to tutor them on both school content and how to learn/study efficiently. Created an Anki deck comprised of ~7000 flashcards used by most first-year students at my school.

2019 – 2024 **University of Houston Medical Student Association Mentorship Program**

Mentored undergraduate students at the University of Houston in preparing to apply to medical school. Responsibilities included editing personal statements, 15 Activities, picking schools to apply to, and even advised on college courses to take.

2018 **Brigham Young University Department of Chemistry and Biochemistry**

Worked as a general chemistry teaching assistant.

2015 – 2016 **Brigham Young University Office of First-Year Experience**

Worked as a Peer Mentor for freshman students.

SERVICE

2021 – 2026 **MD Anderson Young Adult Advisory Council**

Meet monthly to discuss ways to improve the experience of care for young adults and their loved ones; work with hospital staff and families to develop, implement, and evaluate policies, programs and services that impact young adults receiving treatment for cancer.

2022 – 2024 **The Church of Jesus Christ of Latter-day Saints, Nursery Leader**

Helped take care of and entertain five to ten 1.5 to 3-year-old children each Sunday while their parents are in Sunday School.

2022 – 2024 **Teen Cancer America Adolescent and Young Adult (AYA) Advisory Council**

Met with the AYA advisory council to provide feedback on TCA initiatives aimed at improving access of age-appropriate, specialized AYA programs no matter where they are treated in the US.

2019 – 2024 **HOMES Clinic**

Regularly volunteered at a free medical clinic (Houston Outreach Medicine, Education, and Social Services HOME Clinic) that provides quality healthcare to people experiencing homelessness in the Houston area.

PUBLICATIONS

1. McDonald J, **Damron EP**, Das P, Koay EJ, Ludmir EB, Minsky BD, Noticewala SS, Smith GL, Messick C, Morris VK, Holliday EB. Can patients with recurrent or primary squamous cell carcinoma of the anus in a previously irradiated pelvis receive definitive reirradiation?. *Advances in Radiation Oncology*. 2025 Nov 9:101952. <https://doi.org/10.1016/j.adro.2025.101952>
2. De Nigris Vasconcellos F, Alzate JD, Mashiach E, Meng Y, Santhumayor B, Bernstein K, Pichardo-Rojas P, Dono A, **Damron EP**, Blanco AI, Esquenazi Y, Urgosik D, May J, Lee CC, Yang HC, Kawalec P, Kaufmann AM, Mathieu D, Iorio-Morin C, Picozzi P, Franzini A, Tripathi M, Peker S, Samanci Y, Almeida T, Benjamin C, Kondziolka D, Sheehan J. Efficacy and safety of a third stereotactic radiosurgery for recurrent trigeminal neuralgia: an international, multicenter study. *Acta Neurochir*. 2024 Oct 23;166(1):422. doi: 10.1007/s00701-024-06317-2. PMID: 39441236.
3. Wu SY, **Damron EP**, Xu J, Fang PQ, Dai J, Nair R, Malpica Castillo LE, Fayad LE, Torres-Cabala CA, Medeiros LJ, Vega F, Miranda RN, Duvic M, Pinnix CC, Dabaja BS, Iyer SP, Huen AO, Gunther JR. Radiotherapy in the treatment of primary cutaneous CD4+ small/medium T-

cell lymphoproliferative disorder. *Int J Dermatol*. 2024 Jul 2. doi: 10.1111/ijd.17352. Epub ahead of print. PMID: 38955474.

4. **Damron EP**, McDonald J, Rooney MK, Das P, Ludmir EB, Minsky BD, Messick C, Chang GJ, Morris VK, Holliday EB. Salvage Treatment of Recurrent or Persistent Anal Squamous Cell Carcinoma: The Role of Multi-modality Therapy. *Clin Colorectal Cancer*. 2023 Dec 13:S1533-0028(23)00124-X. doi: 10.1016/j.clcc.2023.12.002. Epub ahead of print. PMID: 38216367.
5. **Damron E**, Qzilbash M, Fang P, Wu S, Dabaja B, Rondon G, Hosing C, Champlin R, Bashir Q, Shpall E, Lee H, Manasanch E, Patel K, Kaufman G, Thomas S, Orlowski R, Weber D, Pinnix C, Gunther J. Radiation therapy can be safely incorporated into pre-transplant treatment regimens for patients with multiple myeloma. *Transplant Cell Ther*. Published online October 29, 2022. PMID: 37753818
6. Dabaja BS, Boyce-Fappiano D, Dong W, **Damron E**, Fang P, Gunther J, Rodriguez MA, Strati P, Steiner R, Nair R, Lee H. Second Malignancies in Patients with Hodgkin's Lymphoma: Half a Century of Experience. *Clinical and Translational Radiation Oncology*. 2022 May 13. PMID: 35647398
7. **Damron EP**, Dono A, Chafi H, Martir M, Yu TK, Khwaja S, Amsbaugh M, Tandon N, Esquenazi Y, Blanco AI. Metastatic Neoplasm Volume Kinetics Following Two-Stage Stereotactic Radiosurgery. *World Neurosurgery*. 2022 Feb 3. PMID: 35123024
8. Boyce-Fappiano D, **Damron EP**, Farooqi A, Mitra D, Conley AP, Somaiah N, Araujo DM, Livingston JA, Ratan R, Keung EZ, Roland CL, Guadagnolo A, Bishop AJ. Hypofractionated radiation therapy for unresectable or metastatic sarcoma lesions. *Advances in Radiation Oncology*. 2022 Feb 5:100913. PMID: 35647398
9. **Damron EP**, Gunther JR, Kala J. Renal lymphomatous infiltration by mantle cell lymphoma: Treatment with chemoradiation and initiation of angiotensin converting enzyme (ACE) inhibitor for renal protection. *J. onco-nephrol*. 2021 Aug 25.
<https://doi.org/10.1177/23993693211039870>
10. **Damron EP**, Momcilovitch AN, Jo D, Belk MC. No Evidence for Increased Fitness of Offspring from Multigenerational Effects of Parental Size or Natal Carcass Size in the Burying Beetle *Nicrophorus marginatus*. *PlosOne*. 2021 Jul 7;16(7):e0253885. PMID: 34234367
11. Fang P, Gunther JR, Pinnix CC, Dong W, Strati P, Nastoupil LJ, Steiner RE, Ahmed S, **Damron EP**, Fowler N, Nair R. A Prospective Trial of Radiation Therapy Efficacy and Toxicity for Localized Mucosa-associated Lymphoid Tissue (MALT) Lymphoma. *Int J Radiat Oncol Biol Phys*. 2021 Apr 1;109(5):1414-20. PMID: 33309978

SCIENTIFIC PRESENTATIONS

Oral Presentations

1. **Damron EP**, Wu S, Xu J, Fang P, Dai J, Nair R, Castillo LM, Torres-Cabala C, Fayad L, Medeiros L, Vasquez FV, Miranda R, Duvic M, Pinnix C, Dabaja B, Heberton M, Iyer S, Huen A, Gunther J. “Radiotherapy in the treatment of primary cutaneous CD4+ small/medium T-cell lymphoproliferative disorder.” American Society for Radiation Oncology, San Antonio, TX, October, 2022.
2. **Damron E**, Qzilbash M, Fang P, Wu S, Dabaja B, Rondon G, Hosing C, Champlin R, Bashir Q, Shpall E, Lee H, Manasanch E, Patel K, Kaufman G, Thomas S, Orlowski R, Weber D, Pinnix C, Gunther J. “Radiation Therapy Can Be Safely Incorporated into Pre-transplant Treatment Regimens for Patients with Multiple Myeloma.” American Society for Radiation Oncology, Chicago, IL, October, 2021.
3. **Damron EP**, Gunther J, Fang P, Wu S, Dabaja B, Neelapu S, Nastoupil L, Ahmed S, Strati P, Westin J, Fayad L, Steiner R, Nair R, Gombos D, Fowler N, Pinnix C. “Primary Intraocular Lymphoma: Outcomes and Toxicity after Radiation Therapy.” American Radium Society. Maui, HI, September 2021.
4. **Damron EP**, Gunther J, Fang P, Wu S, Dabaja B, Neelapu S, Nastoupil L, Ahmed S, Strati P, Westin J, Fayad L, Steiner R, Nair R, Gombos D, Fowler N, Pinnix C. “Radiation Therapy in the Management of Primary Intraocular Lymphoma.” MD Anderson Summer Experience Program Oral Presentation Symposium. Houston, TX, August 11th, 2021.
5. **Damron E**, Qzilbash M, Fang P, Wu S, Dabaja B, Rondon G, Hosing C, Champlin R, Bashir Q, Shpall E, Lee H, Manasanch E, Patel K, Kaufman G, Thomas S, Orlowski R, Weber D, Pinnix C, Gunther J. “Radiation Therapy Can Be Safely Incorporated into Pre-transplant Treatment Regimens for Patients with Multiple Myeloma.” MD Anderson Radiation Oncology Summer Student Symposium, Houston, TX, August 6th, 2021.
6. **Damron EP**, Dono A, Chafi H, Martir M, Tse-Kuan Y, Khwaja S, Amsbaugh M, Tandon N, Esquenazi Y, Blanco A. “Metastatic Neoplasm Volume Kinetics Following Two-Stage Stereotactic Radiosurgery.” Society for Neuro-Oncology Conference on Brain Metastases, Virtual Conference, August 2021.
7. **Damron EP**, Qzilbash M, Fang P, Wu S, Dabaja B, Rondon G, Hosing C, Champlin R, Bashir Q, Shpall E, Lee H, Manasanch E, Patel K, Kaufman G, Thomas S, Orlowski R, Weber D, Pinnix C, Gunther J. “Radiation Therapy in the Management of Multiple Myeloma.” McGovern Medical School Summer Research Symposium, Houston, TX, November 11, 2020.
8. **Damron E**, Boyce-Fappiano D, Gunther J, Pinnix C, Fang P, Dong W, Rodriguez M, Lee H, Ahmed S, Strati P, Flowers C, Steiner R, Nastoupil L, Nair R, Iyer S, Dabaja B. “How Much Did We Impact the Risk Of Second Malignancies In Patients With Classical Hodgkin Lymphoma By Changing The Treatment Paradigm?” American Society for Radiation Oncology, Miami, FL, October 25, 2020.

9. **Damron E**, Lynch J, Harrison R. "Copper (II) N-(2-aminoethyl)glycine and its Adamantane Analogs as Influenza Inhibitors." BYU College of Physical and Mathematical Sciences Research Conference, Provo, UT, March 23th, 2019.
10. Creighton C, **Damron E**, Jo D, Smith A, Belk M. "Does the Cost of Reproduction Increase With Age? A Test Using Burying Beetles." International Society of Behavioral Ecology, Minneapolis, MN, August 12th, 2018.
11. **Damron E**, Lynch J, Harrison R. "Copper (II) N-(2-aminoethyl)glycine as an Influenza Inhibitor." BYU College of Physical and Mathematical Sciences Research Conference, Provo, UT, March 3th, 2018.
12. **Damron E**, Lynch J, Harrison R. "Copper Amantadine-iminodiethylamine as an Influenza Inhibitor. "Oral Presentation at BYU College of Physical and Mathematical Sciences Research Conference, Provo, UT, March 4th, 2017.

Poster Presentations

1. **Damron EP**, Kouzy R, Cha E, Gunther JR, Lee A, Manzar GS, Ramirez A, Corrigan KL, Roth M. Feasibility of collecting physician-and patient-reported adverse events and symptom burden in adolescents and young adults with cancer undergoing radiation therapy. ASCO Quality Care Symposium, Chicago, IL, October 2025.
2. **Damron EP**, Wu SY, Chihara D, Tewari SO, Dabaja B, Fang P, Lin T, Pinnix CC, Lopez AM, Xu J, Ahmed S. Outcomes for Patients with Primary Thyroid Lymphoma Treated with Radiation Therapy. American Society for Radiation Oncology, San Francisco, CA, September 2025.
3. Al-Sharfeen A, Haisraely O, **Damron EP**, Florez M, Vedala S, Huntoon K, Perni S, McAleer MF, Yeboa DN, Beckham T, Wang C. Genomic Mutation-Driven Stratification of Treatment Response to Stereotactic Spine Radiosurgery in Spinal Metastases. American Society for Radiation Oncology, San Francisco, CA, September 2025.
4. Wu SY, Sasaki K, Fang PQ, Short NJ, Gunther JR, Dong W, **Damron EP**, Nasr LF, Boyce DR, Maiti A, Pinnix CC. CNS Involvement in Adult Patients with B-Cell Acute Lymphoblastic Leukemia. American Society of Hematology Annual Meeting, San Diego, CA, 2024 Nov 5;144:4182.
5. **Damron E**, McDonald J, Das P, Koay E, Koong A, Ludmir E, Noticewala S, Smith G, Taniguchi C, Messick C, Chang G, Minsky B, Morris V, Holliday E. "Salvage abdominoperineal resection for locally recurrent or persistent anal squamous cell carcinoma after definitive chemoradiation." American Society for Radiation Oncology, San Diego, CA, October, 2023.
6. **Damron E**, Florez M, De B, Huntoon K, Beckham T, Wang C, Li J, Amini B, Briere TM, Tom M, Tatsui C, Rhines L, Ghia A. "Stratifying Response to Stereotactic Radiosurgery for Spinal Metastases by Primary Site Genomic Mutations." American Society for Radiation Oncology, San Diego, CA, October, 2023.
7. McDonald J, Chang E, **Damron E**, Das P, Koay E, Koong A, Ludmir E, Noticewala S, Smith G, Taniguchi C, Messick C, Chang G, Morris V, Holliday E. "Outcomes and prognostic factors after hyperfractionated, accelerated reirradiation for recurrent anal squamous cell carcinoma." American Society for Radiation Oncology, San Diego, CA, October, 2023.

8. Corrigan KL, **Damron E**, Bishop AJ, Manzar G, Yoder A, Mitra D, Farooqi A, Guadagnolo BA, Reeve BB, Salsman JM, Livingston JA, Roth M. Longitudinal Assessment of Health-Related Quality of Life in Adolescents and Young Adults with Sarcoma Before vs. After Radiation Therapy. Global Adolescent and Young Adult Cancer Congress, Long Beach, CA, June 2023.
9. Wu* SY, **Damron EP***, Xu J, Fang PQ, Dai J, Medeiros LJ, Vega F, Miranda RN, Nair R, Malpica Castillo LE, Torres-Cabala CA, Fayad LE, Lyer SP, Duvic M, Pinnix CC, Dabaja BS, Heberton MM, Gunther JR, Huen AO. "Primary cutaneous CD4+ small/medium T-cell lymphoproliferative disorder requires a multidisciplinary approach." USCLC Annual Workshop, *New and Emerging Treatments for Cutaneous T-cell Lymphoma: From Bench to Bedside*, Boston, MA, March 24, 2022.
10. **Damron E**, Boyce-Fappiano D, Farooqi A, Mitra D, Conley A, Somaiah N, Araujo D, Livingston J, Ratan R, Roland C, Guadagnolo A, Bishop A. "Hypofractionated radiation therapy for unresectable or metastatic sarcoma lesions provides durable tumor control and effective palliation." American Society for Radiation Oncology, Chicago, IL, October, 2021.
11. **Damron E**, Boyce-Fappiano D, Farooqi A, Mitra D, Conley A, Somaiah N, Araujo D, Livingston J, Ratan R, Roland C, Guadagnolo A, Bishop A. "Hypofractionated radiation therapy for unresectable or metastatic sarcoma lesions provides durable tumor control and effective palliation." MD Anderson Summer Experience Program Poster Symposium, Houston, TX, August 4th, 2021.
12. **Damron EP**, Esquenazi Y, Tandon N, Tse-Kuan Y, Chafi H, Martir M, Khwaja S, Amsbaugh M, Blanco A. "Volume kinetics following Two-session Gamma Knife radiosurgery for large brain metastases." Society for Neuro-Oncology, Austin, TX, November 2020.
13. Jo D, **Damron E**, Smith A, Creighton C, Belk M. "Senescence and the Cost of Reproduction: How Reproductive Costs Accrue Over A Lifetime." Ecological Society of America, Salt Lake City, UT, August 2020.
14. **Damron E**, Jo D, Smith A, Belk M. "Reproductive Strategy Differences Between Small and Large Burying Beetles." Utah Conference on Undergraduate Research, Weber, UT, February 22nd, 2019.
15. **Damron E**, Jo D, Smith A, Belk M. "Does the Cost of Reproduction Increase with Age? A Test Using Burying Beetles." Evolution, Portland, OR, June 25th, 2017.

PROFESSIONAL MEMBERSHIPS

American Society for Radiation Oncology
 American College of Radiation Oncology
 American Medical Association
 Society for NeuroOncology
 American Society of Clinical Oncology
 Texas Medical Association
 Harris County Medical Society

RADIATION ONCOLOGY CLINICAL EXPERIENCE

Treatment planning & delivery:

- 3D Conformal Radiation
- Intensity Modulated Radiation
- Volumetric Modulated Arc Therapy
- Stereotactic body radiotherapy
- Image-guided radiation therapy
- Intensity modulated proton therapy

Procedures:

- High-dose rate (HDR) gynecologic brachytherapy
- Pulse-dose rate (PDR) gynecologic brachytherapy
- Ocular Brachytherapy

Planning software:

- RayStation

REFERENCES

Chelsea Pinnix MD, PhD: CCPinnix@mdanderson.org

Emma Holliday MD: ebholliday@mdanderson.org

Jillian Gunther MD, PhD: JGunther@mdanderson.org