Duke University Medical Physics Alumni Association (DUMPAA) 2024

ALUMNI NEWSLETTER

CELEBRATING 20 YEARS OF DUKE MEDICAL PHYSICS

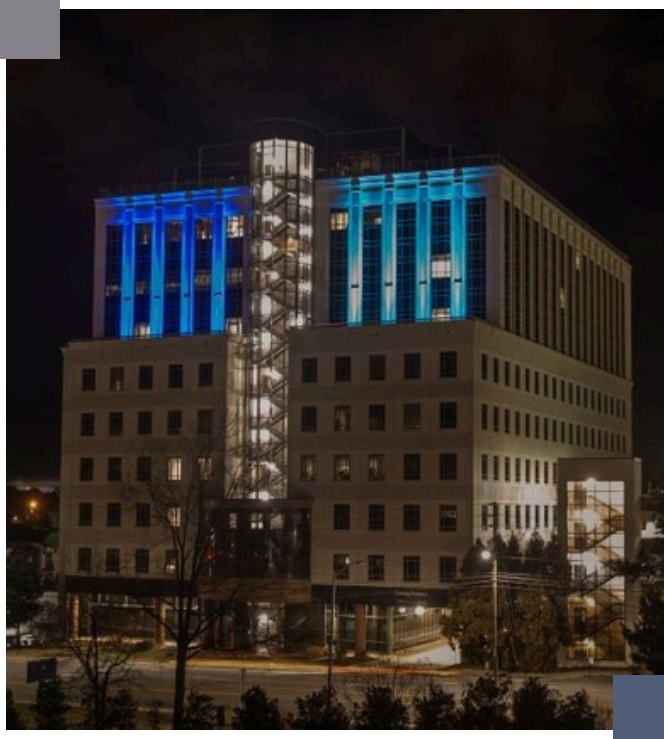
+ a message from the President

Where are our alumni?

& SO MUCH MORE!

OLGA'S AMAZING CAREER

IN THIS ISSUE



Want to get involved with the newsletter?

Be featured as an alumni or research spotlight?

Contact DUMPAA Communications Co-Chairs:

Carolyn Eckrich | ceckrich@wisc.edu

Isabel Montero | Isabel.montero@duke.edu

A MESSAGE FROM THE PRESIDENT

Michelle Rokni

To the Medical Physics Alumni Association-

As we reflect on the past year, I am excited to share the successes and milestones of our Duke Medical Physics Alumni Group. This year, we celebrated a significant moment with our 20th Anniversary Gala Weekend, which provided a wonderful opportunity for faculty, current students, and alumni to reconnect, share experiences, and meet new colleagues in our community. The weekend was filled with inspiring conversations and memorable moments that reinforced the strength of our network and the ongoing impact of our shared journey at Duke. Additionally, we hosted another successful AAPM dinner in Los Angeles, bringing together alumni and faculty for an evening of networking and collaboration.

Michelle Rokni
Class of 2018
President, DUMPAA

In addition to these events, we achieved another major milestone by officially obtaining nonprofit status through the IRS. This recognition opens up new opportunities for fundraising and sponsorships, which will help strengthen our ability to support key events like our annual AAPM dinners and hopefully expand the number of events we can host each year. We also continued to grow our mentorship program and Voices of Alumni, which both foster meaningful connections between current students and alumni. Looking ahead, new social outings and initiatives, partnerships with nonprofits, group trips, and the creation of the Distinguished Alumni Award are all priorities we are excited to work towards in the coming year. Thank you to all of our dedicated board members for their continuous hard work and commitment to our mission. I can't wait to see what we all can accomplish together in 2025!

Michelle Rokni

20th ANNIVERSARY

On December 14th, 2024, our Medical Physics Program celebrated its 20th Anniversary with a memorable Gala. The event welcomed over 300 guests, including nearly 100 alumni, making for a truly special evening.

The celebration opened with remarks from Program Director Dr. Mark Oldham, who reflected on the Program's incredible growth and warmly welcomed the alumni, calling the evening "like a reunion." He was followed by Dr. Christopher G. Willett, MD, Chair of Radiation Oncology, who shared insights into the Program's evolution, and Dr. Erik Paulson, MD, Chair of Radiology, who recounted its early days, rooted in regular "morning research meetings."

Dr. Ehsan Samei, PhD, Co-Founder and Program Director from 2015-2019, spoke about the lasting significance of the Program's core values, while Dr. James Dobbins III, PhD, Co-Founder and Program Director from 2004-2015, closed the speeches with an inspiring reflection on the ambition and challenges that laid the foundation for the Program's success.

Following the speeches, guests enjoyed a delicious dinner catered by the Washington Duke Inn. Later in the evening, Dr. Olga Baranova, PhD, Program Manager from 2004-2024, shared heartfelt reflections on her two decades of service and was honored for her outstanding contributions. Dr. Baranova was presented with a beautifully crafted jewelry set, funded by donations from her previous students, to commemorate her time and dedication to the Medical Physics program. A group photo of alumni and staff captured the spirit of the evening, highlighting the camaraderie and shared achievements of the Program's community. The night ended with music, dancing, and lively conversations, leaving everyone with lasting memories. The Gala was a resounding success, celebrating 20 years of dedication, innovation, and excellence—a milestone to be remembered for years to come. A huge ***THANK YOU*** to all those that served on the planning committee for this event. Your work did not go unnoticed for this spectacular occasion!


Duke Medical Physics Graduate Program
20th Anniversary Gala
1990s


20th Anniversary Gala
Duke
MEDICAL PHYSICS
GRADUATE PROGRAM

DUMPAA BOARD

President - Michelle Rokni (2018)
Secretary - James Spencer (2017)
Treasurer - Ruilin Li (2021)
Digital Communications Coordinator & Communications Committee Co-Chair - Carolyn Eckrich (2023)
Professional Development Chair - Isabella Duarte (2020)
Graduate Program Relations Committee Chair - BillieAnn Radcliffe (2022)
Activities and Events Committee Chair - Breylon Riley (2022)
Communications Committee Co-Chair - Isabel Montero (2023)
Fundraising Committee Chair - Jason Paisley (2009)

Past and Present DUMPAA Presidents

Joshua Wilson
Matt Goss
Irina Vergalasova
Michelle Rokni

HAPPY RETIREMENT DR. OLGA BARANOVA

Congratulations and thank you to Dr. Olga Baranova for all that you have done for the Duke Medical Physics Graduate Program. Olga served as the Program Coordinator from the inception of this program dating back to 2004 until her retirement at the end of 2024.

Thank you

DUMPAA would not exist if it was not for all of the work that Olga has dedicated to our program. Wishing you all the best in retirement!

Olga was presented with this jewelry set to honor her service and dedication to the DMP program. Thank you to all of the alumni contributions that made this gift possible!!

WELCOME DANIELLE

Danielle took over Olga's position effective December 1st, 2024. Danielle was born into a military family in Clarksville, Tennessee. She later earned her master's degree in Higher Education from Purdue University, focusing on college administration and leadership, and her bachelor's degree from Gardner-Webb University. Danielle is also a Duke-trained Health and Wellness Coach.

Danielle has worked at Duke for 16 years. Before joining MPGP, she spent nine years at Duke's Nicholas School of the Environment (NSOE) as the Assistant Director of Ph.D. Programs. In this role, she managed the academic, operational, and financial activities for 4 Ph.D. programs for over 100 students. Prior to that, Danielle served as the Logistics Manager at Duke's National Evolutionary Synthesis Center (NESCent) for seven years, managing logistics for over 60 meetings and events annually, hosting 1,500 visitors at the center. She also has several years of experience as a Professional Conference and Meeting Planner, organizing events ranging from 10 to 2,500 attendees.

What motivated you to join the program?

My true passion is working with students who strive to make a meaningful impact on others' lives. Medical Physics is a unique yet vital field with the power to drive advancements across multiple industries!

What are your goals or priorities in this role?

My number one goal is to ensure that the strong legacy of the program continues!

Any hobbies, interests, or fun facts you'd like to share?

I recently became an ordained minister, and I love to sing. In my spare time, I enjoy solving puzzles, being a self-proclaimed TV critic, serving in my church and community, and spending time with family, friends, and my Yorkie, Prince.

WELCOME DANIELLE

What is a unique or unexpected detail about yourself?

I have irrational fear of anything in a mascot uniform and frogs! I'm a TRUE Tar Heel fan (though, I love Duke Academics).

Do you have a short message you would like to share with our alumni community?

After meeting many of you at the 20th Anniversary Gala, I can truly see how much this program means to each of you. I won't let you down!

What is the best way for alumni to connect with you?

The best way to reach me is via email and LinkedIn!

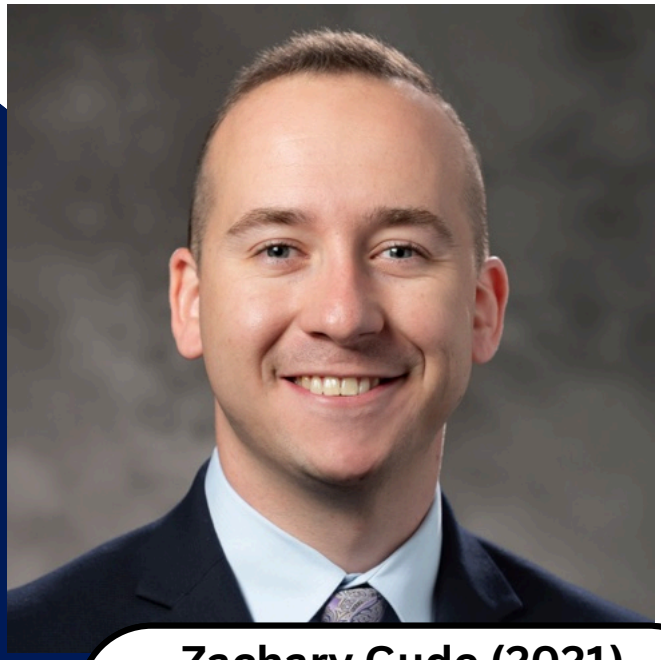
LinkedIn: https://www.linkedin.com/in/dwiggins22/
Email: danielle.wiggins@duke.edu

Thank you, Danielle, for your great work so far! We look forward to many more years with you!

VOICES OF ALUMNI

Since its inception in 2021, the Voices of Alumni (VoA) program has become an integral part of the Duke student experience, enriching discussions on a broad spectrum of topics both directly and indirectly related to medical physics. By facilitating informal yet insightful conversations between students and alumni, VoA leverages the experiences and perspectives of past graduates to provide valuable guidance on scientific, professional, and social aspects of the field. These sessions not only offer meaningful insights but also foster a sense of community, strengthening the bonds within the Duke Medical Physics Graduate Program (MPGP) network.

Given the value that VoA brings, ensuring its long-term stability and sustainability is essential. As students progress through the program and alumni boards transition, maintaining VoA's impact requires a coordinated effort among the three key pillars of the Duke Medical Physics Graduate Program: students, faculty, and alumni. To maintain ongoing collaboration among these groups, formally designating this responsibility to an existing role held within leadership of these three pillars is a sensible next step. Furthermore, given that the discussion topics and event coordinating rely heavily on familiarity with current student needs, it follows that the primarily responsible party be within the Student Leadership Advisory Council (SLAC).



Zachary Gude (2021)
Student MPAC rep.

The role of the student representative to Duke's Medical Physics Administrative Council (MPAC) is evolving to encompass key responsibilities in sustaining the VoA program. The student MPAC rep is well-connected with the current student body while also understanding faculty perspectives on program direction and emerging topics in the ever-evolving field of medical physics. Through participation in monthly MPAC and DUMPAA meetings, the representative's comprehensive view of the program allows them to effectively facilitate VoA events, ensuring its continued success and impact.

STUDENTS

VOICES OF ALUMNI

One of the primary challenges in organizing VoA sessions has been identifying a time that accommodates students' varying coursework and research commitments. Recent discussions with MPAC faculty have introduced a proactive solution: establishing a weekly time block in future semester schedules to ensure program-wide availability for outreach events, invited speakers, and professional development activities—including VoA. While this time may not always be utilized, its inclusion in the curriculum will significantly streamline event planning, improve student participation, and facilitate better coordination with alumni.

FACULTY

The Alumni Association plays a critical role in the sustainability of VoA by leveraging its extensive network to connect students with experienced alumni. Whether by identifying potential speakers or facilitating mass communication for surveys and feedback, DUMPAA provides valuable support in recruiting panelists and discussion leaders. By strengthening this collaboration with the student MPAC rep, students will have greater access to alumni willing to share their insights, enriching the VoA experience for all participants.

ALUMNI

GET INVOLVED with VoA

CONFERENCES

Meetings and conferences from national organizations serve as great meet-up and reunion opportunities for us Alumni. Some events, like AAPM, have official and planned dinners or times to meet, but most events rely on casual and word-of-mouth planning, especially when the conference or meeting involves subspecialties. Below is a yearly outline of some – but definitely not all – upcoming events. Mark these on your calendar now, and let fellow Alumni know which conferences you will be attending! Be sure to visit our Facebook and LinkedIn groups to keep up-to date with DUMPAA news and connect with other Duke Medical Physics Alumni! Full meeting list can be found here: https://www.aapm.org/meetings/default.asp

DATE(S)	ORGANIZATION	LOCATION
March 29-April 1, 2025	AAPM Spring Clinical	Henderson, NV
April 10, 2025	Great Lakes Chapter Meeting*	Dearborn, MI
April 12, 2025	Ohio River Valley Chapter Meeting	Lexington, KY
May 1-3, 2025	FLAAPM Spring Meeting	Lake Buena Vista, FL
May 2, 2025	NCC Spring Meeting	Bloomington, MN
May 2, 2025	NWAAPM Spring Meeting	Portland, OR
May 10-15, 2025	ISMRM & ISMRT Annual Meeting	Honolulu, HI
May 17, 2025	MRV Annual Chapter Meeting	St. Louis, MO
May 21-23, 2025	SIIM 2025 Annual Meeting	Portland, OR
May 30, 2025	NEAPPM Annual Meeting	Burlington, VT
June 19-24, 2025	AAPM Summer School	Denver, CO
July 27-30, 2025	AAPM 67th Annual Meeting and Exhibition	Washington, DC
September 27-October 1, 2025	ASTRO 67th Annual Meeting	San Francisco, CA
October 24, 2025	NWAAPM 50th Anniversary Meeting	Seattle, WA
November 30-December 4, 2025	RSNA Annual Meeting	Chicago, IL

Outside of posting on these pages, please send event pictures, announcements, and other media to Carolyn Eckrich (ceckrich@wisc.edu) & Izzi Montero (isabel.montero@duke.edu)

AAPM 2024


Carolyn E.


AAPM


SOL-AGAVE


SOL-AGAVE


76
AMERICAN ASSOCIATION OF PHYSICISTS IN MEDICINE

RSNA 2024


Blue Chicago


110th Scientific Assembly and Annual Meeting
McCormick Place, IL • Dec. 1–5
Welcome to
RSNA 2024
Building Intelligent Connections


EMERGENCY EXIT

CURRENT STUDENT SPOTLIGHT

Katie Olivas is a second year MS student, originally from Chicago, IL. She is currently the social coordinator for the Student Leadership and Advisory Council, president of Women of Medical Physics, and the former Open House Coordinator. She is currently conducting research with the Center for Virtual Imaging Trials under the guidance of Dr. Ehsan Abadi and Dr. Ehsan Samei.

Katie Olivas ('25)

Ethan Malin ('25)

Ethan Malin is a second year MS student, originally from Cincinnati, Ohio. He is the president of the Student Leadership and Advisory Council, a member of the Open House Planning Committee, and a coordinator for the Student Mentorship Program. He is currently conducting his master's thesis research with Dr. W. Paul Segars.

INTRODUCTION

We have successfully completed another great year with the Duke Medical Physics Graduate program. This year was particularly unique as we celebrated our program's 20th Anniversary, prompting the theme of this year to be celebrating achievements, reflecting on progress, and embracing the future. While this year was filled with a variety of accomplishments from students and faculty alike, we would like to share a few in specific:

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CURRENT STUDENT SPOTLIGHT

★Danielle Wiggins, M.Ed., joined the program as our new Administrative Program Director. Danielle joined us with over 20 years of administrative experience and most recently served as the Assistant Director for Ph.D. Programs with the Duke Nichols School of Environment.
★Dr. Mark Oldham was re-appointed as the Director of the DMPGP.
★Dr. Joseph Lo was re-appointed as Associate Director of the DMPGP.
★Dr. Dean Darnell was re-appointed as Director of Graduate Studies of the DMPGP.
★Dr. Scott Robertson was re-appointed as Director of the Diagnostic Imaging Track.
★Students presented their work at many conferences including AAPM, SPIE, ASTRO, and ISMRM
★ Duke Medical Physics Graduate program celebrated its 20th Anniversary
★ Dr. Olga Baranova announced her retirement from her role as Program Manager after 20 amazing years. Olga has been an integral part of the program since the very beginning and are very grateful for all she has done. We wish her a joyful and relaxing retirement.
★Dr. Oana Craciunescu announced her retirement from Duke and will be stepping down as Radiation Therapy track director at the end of this year. She has enriched the program at many levels, and we wish her the very best for next steps.

STUDENT LEADERSHIP & ADVISORY COUNCIL

This year, a major SLAC effort has been toward the optimization of the current roles. The role-specific improvements are designed to improve both the function/efficiency of the role and the ease of transition between SLAC councils. Additionally, with our new Administrative Program Director, Danielle Wiggins, with her extensive knowledge of big-Duke programs and logistics, further program adjustments are being explored, focusing on administrative efficiency and further improving the student experience. We are excited to see the program continue to evolve with this foundation! Records of these changes will also be implemented into our bylaws.

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CURRENT STUDENT SPOTLIGHT

SLAC Leadership; From left to right, (back row) Wilson Oswald, Wesley Cunningham, Edward (Teddy) Crisculo, Iyanna Lewis, Joseph (JoJo) Farina (front row) Ethan Malin, Zachary Gude, Katie Olivas, George Ibrahim, Lauren Neldner, Casey Heirman.

VOICES OF ALUMNI

We were very grateful to have two alumni Jessica Dominici (MS ’24) and Patrick Sansone (MS’23) join us at our fall retreat. Jessica and Patrick gave a presentation to current students on Alumni Association Resources as well as “What I didn’t learn in graduate school” offering unique insight into the future for our current and graduating students. Additionally, our MPAC representative, Zach Gude, organized a visit for Matt Goss (MS ’07, former DUMPAA President) to come and visit with current students. It was great to have Matt back in Durham and extremely valuable for our current students to connect with him and gain advice about the field.

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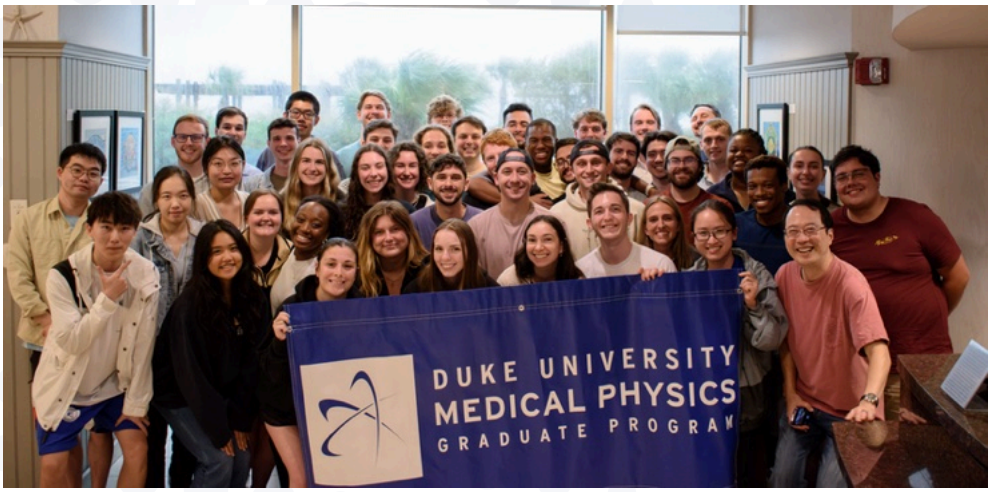
CURRENT STUDENT SPOTLIGHT

SOCIAL ACTIVITIES

Our current SLAC social coordinator, Katie Olivas, has been extremely involved in implementing new social outings. Some notable mentions include a voting registration drive, a celebration of international medical physics day, a Friendsgiving holiday gathering, a program tailgate for the Duke football games, a visit to ZincHouse Winery and Brewery, a Super Bowl watch party, and a swing dance class led by one of the second-year MS students, Kyle Klein. Additionally, we enjoyed another successful fall retreat at Carolina Beach. This year our retreat had multiple student and alumni-led talks, discussing research topics within the scope of medical physics and a presentation on the experiences of applying to residency.

Five years of social coordinators (seniority from left to right) together at fall retreat.

Three members of the WOMP executive team celebrating Duke football together.



Annual program group photo from fall retreat.

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CURRENT STUDENT SPOTLIGHT

WOMEN OF MEDICAL PHYSICS

The WOMP executive committee this year consists of Katie Olivas (President), Lauren Neldner (VP of Events), Allison Jones (VP of Recruitment) and Casey McGrath (VP of Communications). At our fall retreat we worked with our equity, diversity, and inclusion representative (Iyanna Lewis) to host a workshop about inclusion within our program and the field of medical physics. This was a great event that saw lots of student involvement. The WOMP team looks forward to finishing out the year strong and hopes to connect with alumni for the spring semester event.

OUTREACH ACTIVITIES

Our program has enjoyed being very involved with the Duke and Durham communities through outreach activities this past year. Lauren Neldner organized a new jewelry making event with the Duke cancer center, where our students hand crafted and donated over 50 unique pieces of jewelry to cancer patients. Lauren also led and effort with fellow medical physics students to volunteer as judges at the North Carolina state science fair. This was a great experience for all who were involved and helped us give back to the local community through our service. Finally, following tradition, we had another successful toy drive at the winter gala where we collected over 100 toys to donate to Duke Children's hospital.

Jewelry making event for Duke Cancer Center patients.

CAREY E. FLOYD SCHOLARSHIP

Receiving the Carey E. Floyd Scholarship this past academic year has been incredibly meaningful to me. I am honored that my work in the lab reflects the qualities of innovation, creativity, and scientific productivity for which Dr. Floyd was so well known.

RECIPIENT

Olivia Jo Dickinson

My research focuses on developing novel technologies to improve MR imaging, enhancing both patient experience and access to diagnostic imaging in underserved areas. In the United States, significant disparities exist between rural and urban regions, leading to inequities in medical treatment. Without proper imaging, physicians cannot accurately diagnose conditions or administer appropriate care. This challenge is even more severe in sub-Saharan Africa, where limited imaging resources contribute to poorer health outcomes. For example, the mortality rate for ischemic stroke in sub-Saharan Africa is nearly twice that of the United States due to inadequate access to diagnostic imaging.

One promising solution is portable low-field MRI systems that can be deployed in emergency vehicles, providing critical imaging in resource-limited areas. Stroke outcomes are directly linked to the time between symptom onset and imaging; equipping emergency vehicles—or even patient homes—with MRI capabilities could drastically reduce delays in diagnosis. However, rural emergency vehicles often lack the telecommunication infrastructure to transmit imaging data to hospitals. To address this, we propose an integrated radio frequency wireless (iRFW)-Cellular spiral coil for simultaneous low-field imaging and wireless data transmission over a cellular network. By allowing RF currents to flow on the spiral coil at both the Larmor and wireless communication frequencies, this technology enables real-time image transmission from moving vehicles or remote locations without requiring costly modifications or LAN infrastructure.

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CAREY E. FLOYD SCHOLARSHIP

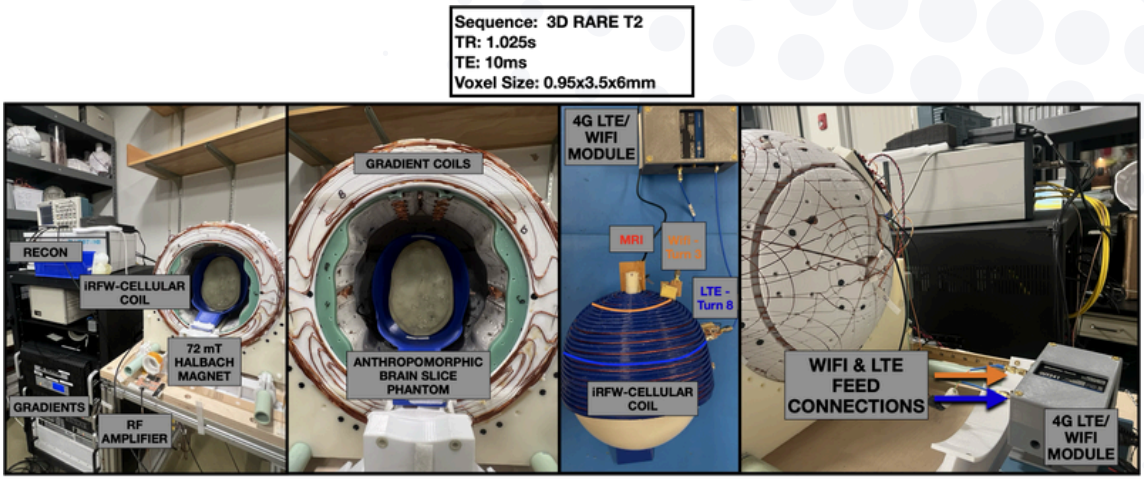

Figure 1. Low-field 72mT Halbach scanner system at the Athinoula A. Martinos Center/MGH (1). Images of a 3D brain slice phantom were acquired with a 13-turn spiral RF TX/RX coil in a 72 mT Halbach scanner using a 2D and 3D T2-weighted RARE sequence (2). The phantom-loaded iRFW-Cellular coil was tuned, calibrated with a vector-network analyzer, and connected to the 4G LTE/WIFI module for bench top measurements (3). The wireless module was connected via custom made coax cables that ran out the back of the Halbach scanner (4). Images were acquired pre and post iRFW-Cellular spiral coil modifications.

A key part of this award is the travel fund, which has directly supported my research. Thanks to this funding, I attended the Gordon Research Conference for In Vivo MR at Proctor Academy in Andover, NH, where I was invited to give a talk in front of 200+ leading MR experts. It was an incredible opportunity to share my work on improving connectivity for low-field portable MRI systems and enabling real-time image transmission from rural locations to radiologists.

Additionally, this scholarship allowed me to visit the Athinoula A. Martinos Center for Biomedical Imaging in Boston, MA, a key collaborator on this project. Their low-field MRI scanner served as the foundation for my design, and I was able to test my redesigned low-field MR receive/transmit coil, validating its feasibility through hands-on data collection. This was a crucial milestone in my research.

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CAREY E. FLOYD SCHOLARSHIP

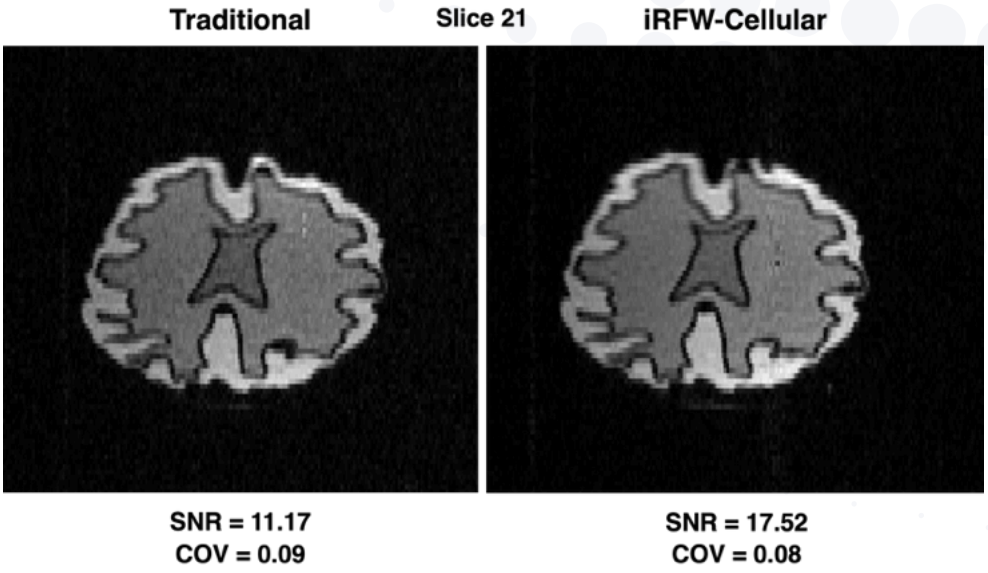

Figure 2. Images acquired with the unmodified (traditional) and modified (iRFW-Cellular) coils exhibit similar uniformity. The image obtained with the modified iRFW-Cellular coil appears to have less background noise, which may be attributed to slight environmental changes during the scans. Confirming whether this difference results from the coil modification or external factors would require additional scans. However the key takeaway is that the modified coil successfully acquired images without any obvious artifacts or distortions.

As a result of this work, I have been invited to present my findings at the International Conference for Magnetic Resonance in Medicine this May in Honolulu. I am thrilled for the opportunity to share my research with a global audience, and I am deeply grateful for the Carey E. Floyd Scholarship, which made this possible.

This award has directly contributed to my ability to advance critical research, collaborate with leaders in the field, and develop solutions to bridge gaps in medical imaging accessibility. I feel inspired to continue pursuing work that honors Dr. Floyd's legacy, and I am excited about the future impact of this research.

Olivia Dickinson is a current third-year Ph.D. candidate in the medical physics program. She conducts research under the mentorship of Dr. Dean Darnell.

ZACHARY DEAN SHROCK MEMORIAL SCHOLARSHIP

RECIPIENT

Wesley Cunningham

It was an honor to receive the Zachary Dean Shrock Memorial Scholarship for the 2024-2025 academic year. Zachary was the gold standard of what a Duke Medical Physics student should be: someone who excels in coursework and research while being a leader and a friend to those around him. I strive to uphold those same qualities by committing myself to rigorous academic work, contributing to research, and supporting my peers whenever possible. I am extremely grateful for those who are committed to preserving Zachary's legacy.

With the support of this scholarship, I have been able to attend multiple conferences, gaining valuable experience networking and presenting my research work. This past fall I was able to attend the biomedical engineering society annual meeting in Baltimore Maryland and present a poster on my research project. Additionally, I was able to attend the Southwest AAPM chapter meeting in Knoxville, Tennessee and have my first Oral presentation! Attending these conferences has been very enjoyable to interact with the larger medical physics community and be a medical physics representative to those in adjacent fields, like BME. I also have a strong appreciation for travel, so having the opportunity to explore these new places was a rewarding experience.

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Wesley Cunningham ('25) is a current second-year Master's student in the medical physics program. He conducts research under the mentorship of Dr. Justus Adamson. Wesley also serves as the M.S. Representative on the current SLAC board.

ZACHARY DEAN SHROCK MEMORIAL SCHOLARSHIP

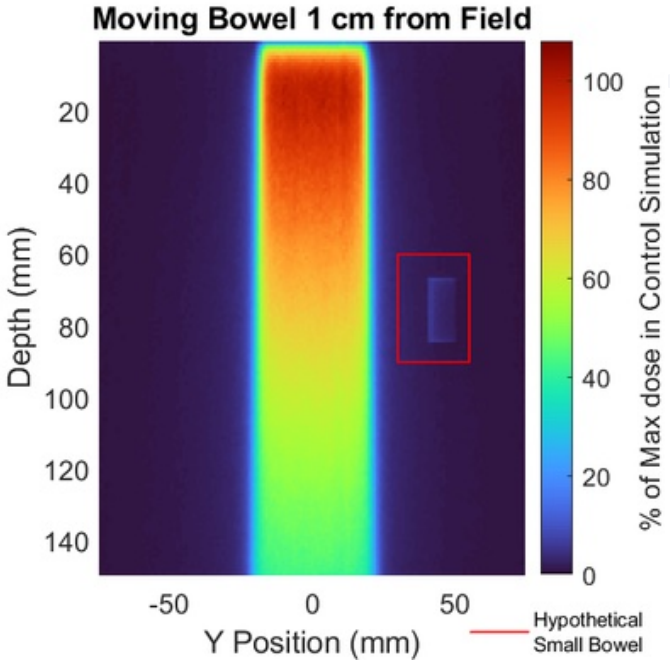


Figure 1. Radiation dose distribution of a 4x4 cm2 field simulating moving a small bowel such that there is a 1 cm gap between the field edge and the edge of the bowel. This simulation includes the magnet (seen by the dose increase in the bowel region) and magnetic fields of both the magnet and electromagnet used by our collaborator.

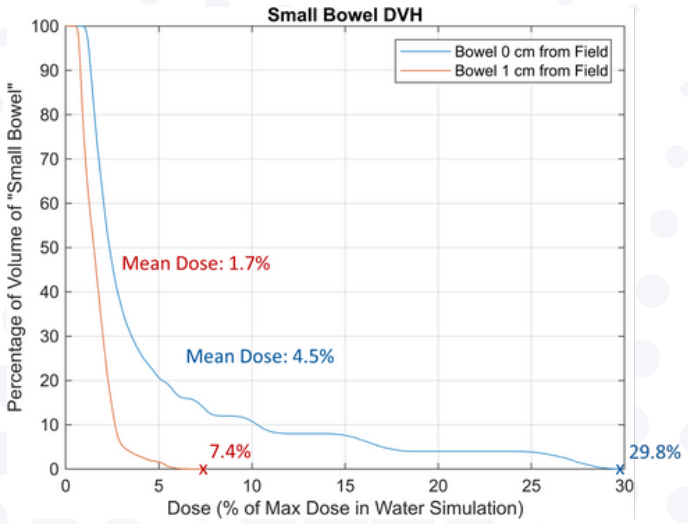


Figure 2. Dose volume histogram of a hypothetical small bowel when the bowel wall is touching the edge of the field (blue line) and when it is moved with the magnet and magnetic fields with a 1 cm gap (red line). Significant sparing occurs with the max dose to the small bowel decreasing by about 4 times.

In my research, under the supervision of Justus Adamson, I have investigated a novel way of sparing dose to the small bowel in SBRT. We are working to implement a remote magnetic navigation system into a radiation therapy setting. Using a internal magnetic object, such as a "pill magnet", and an external electromagnet we hope to move the small bowel away from treatment targets, sparing dose in this way. Many questions need to be answered before clinical implementation, including the dosimetric effects caused by introducing high atomic number and density material and high gradient magnetic fields near treatment fields. My work specifically has been to answer that question using Monte Carlo simulations.

This scholarship was created to honor the memory of Zachary Shrock (MS '17). Zach was an integral part of the Medical Physics program. He participated formally in leadership roles and informally as a mentor, colleague, and friend to his peers. As a student in excellent academic standing, Zach also maintained a high-quality research portfolio and published a technical note in Medical Physics. After graduation, Zach would go on to clinical training at the radiation therapy residency at Baylor. He is remembered lovingly as a model student, and a colleague who was committed to doing right by others, even when doing so might inconvenience him. He was dedicated, selfless, and ever willing to help his fellow classmates, embodying his very own prophetic words: "Virtually every goal serves one of two purposes: to make life more enjoyable, or to establish a legacy.... My most cherished goal in life is to make the greatest impact I can on the world by making it a better place for the people who remain after me." The scholarship fund will be used to support MS students in the Medical Physics Graduate Program at Duke University. Contributions may be submitted at www.gifts.duke.edu, and search for Zachary Dean Shrock Memorial Scholarship in the "search for an area" option.

Class of 2024

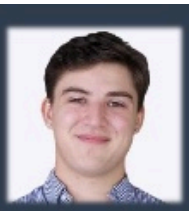
CURRENT ROSTERS

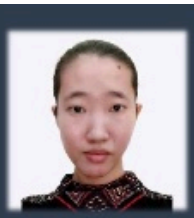
CURRENT ROSTERS


Madison Allen


Barrett Andricks


Gwynne Aull


Roberto Carrascosa


Mingyue Chen


Emily Harkness


Gianna Hatheway


Zhuoyun Huang


Kaitlin Jennings


Katherine Moeser


Daniel Murphy


Wilson Oswald


Justin Simmons


Caleb Smit


Pear Sukarom


Runhe Tan


Seth Wilcox


Lindsey Bloom

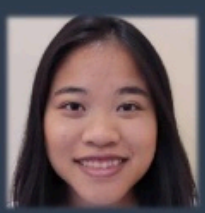

Michael Garcia Alcoser


Cierra Gibson


Casey Heirman


Tyler Kay


Seth Lee


Evangelina Wong

WHAT ARE OUR ALUMNI UP TO?

Leith Rankine (2013)
Promoted from Assistant Professor to Associate Professor at UNC Department of Radiation Oncology

Ioannis Argyridis (2012)
Check out his website!

GoodRadiation
As easy as αβγ

Daniel Lee (2015) Started his second fellowship as a pulmonary and critical care fellow as a military physician

Kayli Buchli (2024)
Started her first postgraduate job as a Junior Medical Physicist at Cape Fear Valley Health

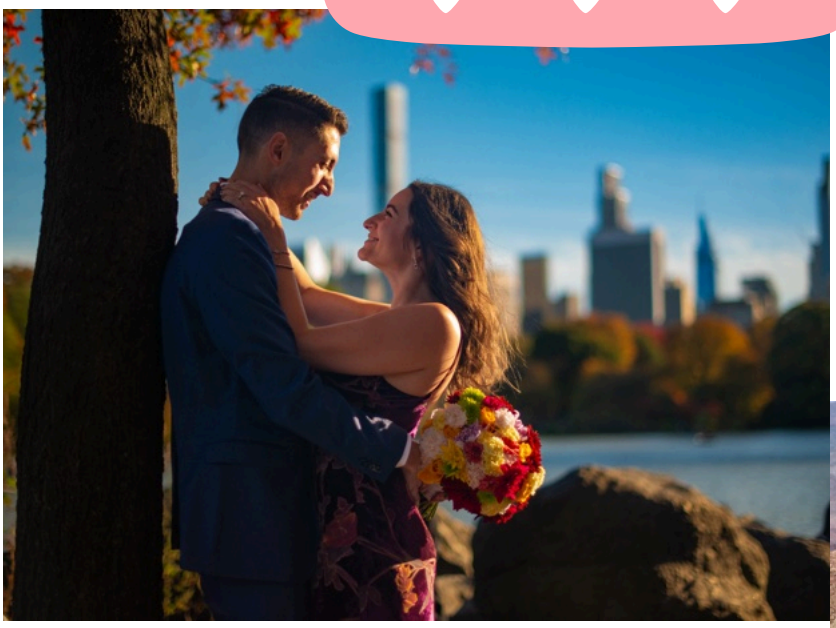
Mason Hazlett (2022)
Transitioned into a new training physicist role at RefleXion Medical and decided to apply for therapy residencies for 2025!

Jaclyn Gaylor (2018)
Welcomed her second child, Beau, in November. Elise is the proudest big sister!

Brittany Earl (2017)
Elliott Ann was born in August 2024. Parenthood has been so fun and the family can't wait to watch her grow up!

Beth Reed (2024)
Graduated, started residency at the Duke Imaging Physics Residency Program, and in November was gifted a puppy named Bella!

Tyler Kay (2024) (left)
Graduated from the program with his master's and moved to Maryland to pursue a Ph.D. through Duke MedPhys and the NIH Clinical Center. He also got married to his wife, Katie, on December 28th! Congrats!



Michael Trager (2017) (above)
Had a big year in 2024, which included a new job at Northwell Health, engaged to his fiancee Nicole, and purchased a home all while wedding planning.

Ericka Chorniak (2018) (below)
Obtained her ABR certification in Radiation Therapy, got engaged, bought a house and car, and saw the Grand Canyon. What an amazing year!

Lynda Ikejimba (2015)
Lynda is living in California working at Apple. Here is a picture of her at the Steve Jobs theater (peep the Duke shirt)!

NEW

Harold Park (2008)

Harold is the father of two teenagers: Evan (14) and Abby (13). 2024 was his final year of coaching travel baseball and instead started coaching for his daughter's school in Science Olympiad.

Zhengzheng Xu (2012)
Dr. Xu is an Assistant Professor of Clinical Radiation Oncology-Medical Physics at USC Norris Cancer Hospital and USC Keck School of Medicine

Brett Eckroate (2022)
Obtained a position as a Physicist with Robert Wood Johnson Barnabas Health Medical Group/Clinical Instructor with Rutgers Cancer Institute of New Jersey.

Amber (Tzu-Chi) Tseng (2012)
Started a senior physicist position at NYU Langone Health

Thomas Cullom (2020)
Took a job at Duke Raleigh hospital. Welcome back to the area!

Sarah Ashmeg (2014)
Served as the president of POWV chapter of the AAPM. She also helped start the chapter residency rotation program. The picture is from the joint 2024 POWV-PRV fall meeting

Tim Johnson (2021)
Tim completed residency and now works as a staff physicist at his residency institution. Congrats on passing part 2 - future DABR!