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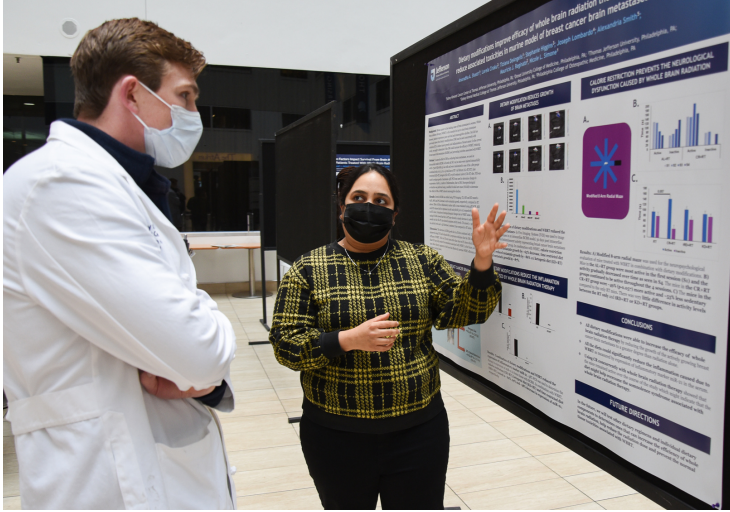
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2021 Department of Radiation Oncology Research Symposium Highlights

October 6, 2021

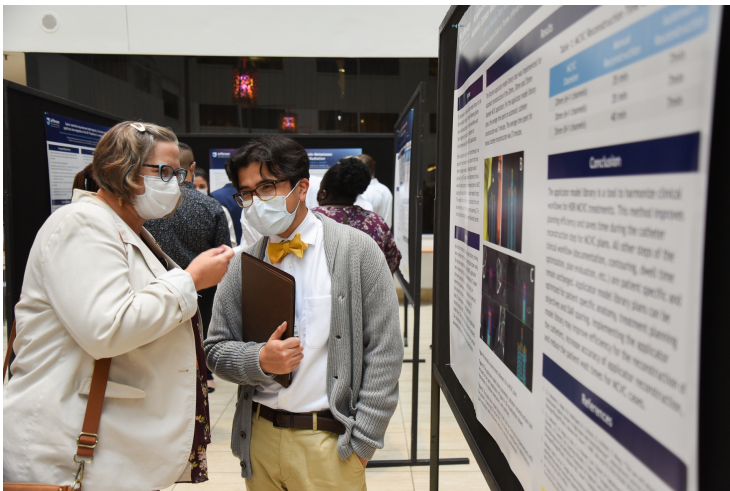


Presentation Highlights



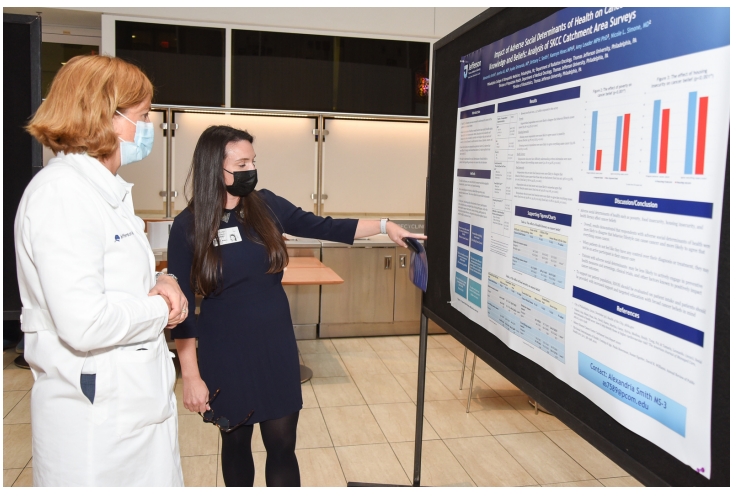
Anuradha Shastri, PhD, Postdoctoral Fellow in the Lab of Dr. Nicole Simone, discusses her poster with Dr. Spencer Poiset, PGY-2 Radiation Oncology Resident.

Dr. Shastri was the recipient of a 2021 Radiation Research Society Scholar-in-Training Award for her work titled "Dietary modifications improve efficacy of whole brain radiation therapy and reduce associated toxicities in murine model of breast cancer brain metastases."



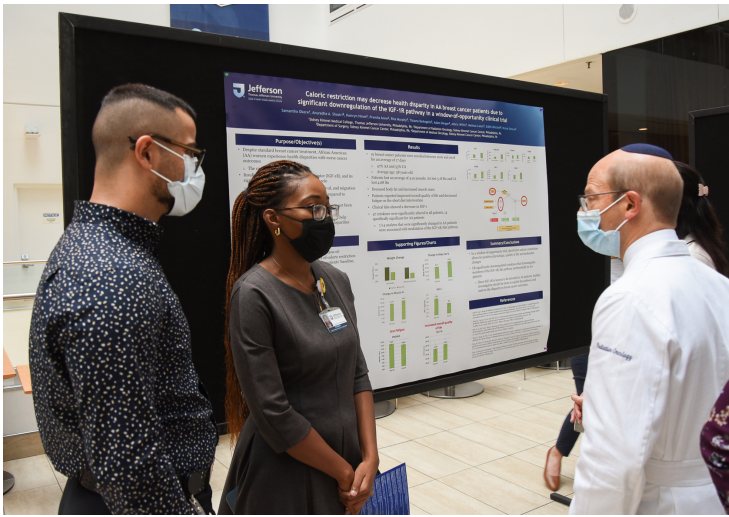
Jacob Belardo, MS, PGY-2 Medical Physics Resident, connects with Dr. Amy Harrison, Associate Professor of Radiation Oncology.

Jacob presented "Acceptance and Implementation of the Oncentra Applicator Model Library for Automatic Catheter Reconstruction in Multichannel Vaginal Cylinder Applicators." His faculty mentor is Dr. Reza Taleei, Clinical Assistant Professor of Radiation Oncology. Jacob and Dr. Taleei's poster was accepted for an e-poster presentation at the 2021 American Brachytherapy Society Annual Meeting.



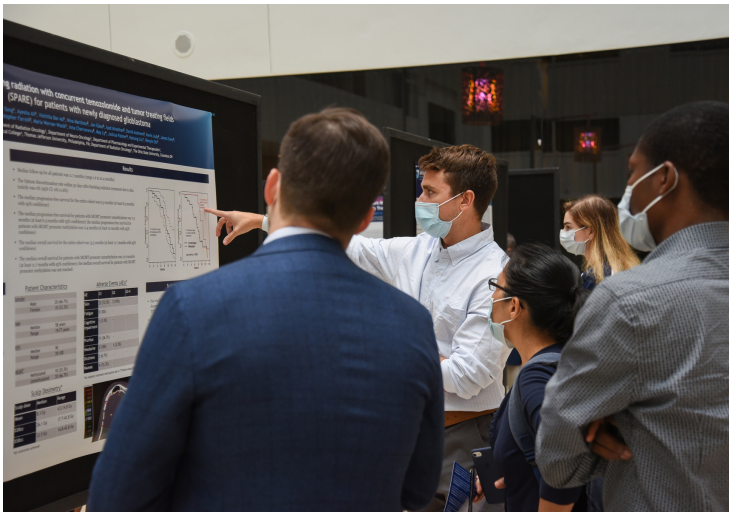
Alexandria Smith, Philadelphia College of Osteopathic Medicine MS-3, presents her poster to Dr. Susanna Nazarian, Associate Professor of Surgery.

Alexandria earned 3rd place at the symposium for her presentation, titled "Impact of Adverse Social Determinants of Health on Cancer Knowledge and Beliefs: Analysis of SKCC Catchment Area Surveys." Alexandria's mentor is Dr. Nicole Simone, Margaret Q. Landenberger Professor and Vice Chair of Research, Department of Radiation Oncology.



Samantha Okere, Sidney Kimmel Medical College MS-2, chats with Drs. Adam Dicker, Chair & Professor, Department of Radiation Oncology, and Muneeb Niazi, PGY-3 Radiation Oncology Resident.

Samantha, under the mentorship of Dr. Nicole Simone, received a 2021 American Association for Cancer Research Minority Scholar in Cancer Research Award for her work, titled "Caloric restriction may decrease health disparity in African American breast cancer patients due to significant downregulation of the IGF-1R pathway in a window-of-opportunity clinical trial."



Ryan Miller, MD, PGY-4 Radiation Oncology Resident, presents his findings to faculty and co-residents.

Dr. Miller is presenting this poster, "Scalp-sparing radiation with concurrent temozolomide and Tumor Treating Fields (200 kHz) for patients with newly diagnosed glioblastoma," at the American Society for Radiation Oncology Annual Meeting in October 2021. His mentor is Dr. Wenyin Shi, Professor of Radiation Oncology and Neurological Surgery.



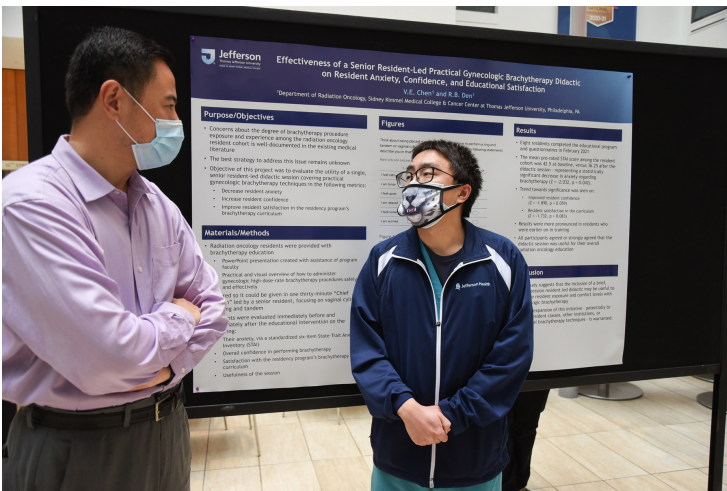
Brittany Smith, Philadelphia College of Osteopathic Medicine MS-2, presents her poster to Drs. Maria Werner-Wasik, Professor and Enterprise Vice Chair of Radiation Oncology, and Felix Kim, Associate Professor of Cancer Biology and Associate Director, Training & Education Programs, Sidney Kimmel Medical College.

Brittany, a 2021 Simon Kramer Extern in the Department of Radiation Oncology, worked with Dr. Nicole Simone on "Discrimination and Racial/Ethnic Identity May Influence Patients' Beliefs: Analysis of SKCC Catchment Area Surveys."



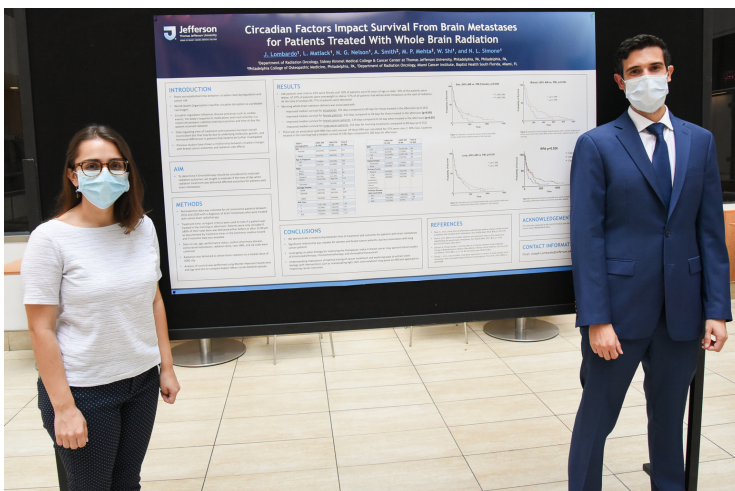
Ayesha Ali, MD, PGY-4 Radiation Oncology Resident, presents, "Concurrent TTFields (200 kHz) with chemoradiation for patients with newly diagnosed glioblastoma may increase the rate of pseudoprogression: analysis of a pilot clinical trial," to judges Drs. Kim and Werner-Wasik. Dr. Ali's faculty mentor is Dr. Wenyin Shi.

Dr. James Taylor, PGY-5 Radiation Oncology Resident and Chief Resident, will present this poster at the American Society for Radiation Oncology Annual Meeting in October 2021.



Victor Chen, MD, MPH, PGY-5 Radiation Oncology Resident, chats with Dr. Wenyin Shi. Dr. Chen presented "Effectiveness of a Senior Resident-Led Practical Gynecologic Brachytherapy Didactic on Resident Anxiety, Confidence, and Educational Satisfaction."

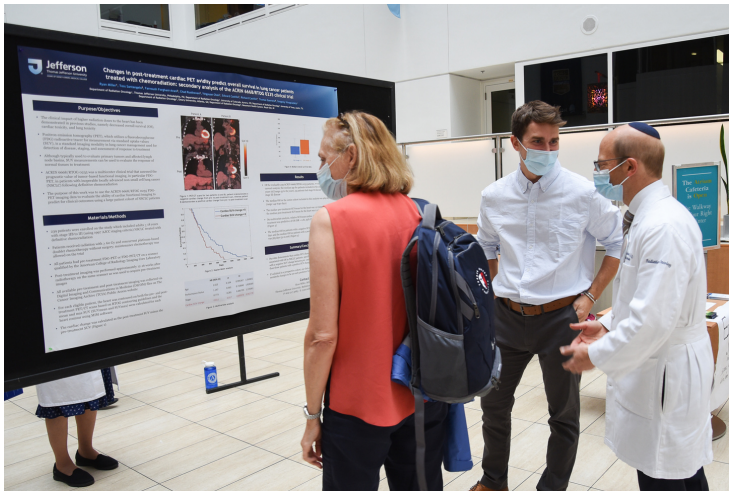
Dr. Chen's faculty mentor is Dr. Robert Den, Associate Professor of Radiation Oncology, Urology and Cancer Biology.



Lauren Matlack, Cooper Medical School of Rowan University MS-2, and Joseph Lombardo, DO, PharmD, PGY-4 Radiation Oncology Resident, stand beside their poster, "Circadian Factors Impact Survival from Brain Metastases for Patients Treated with Whole Brain Radiation."

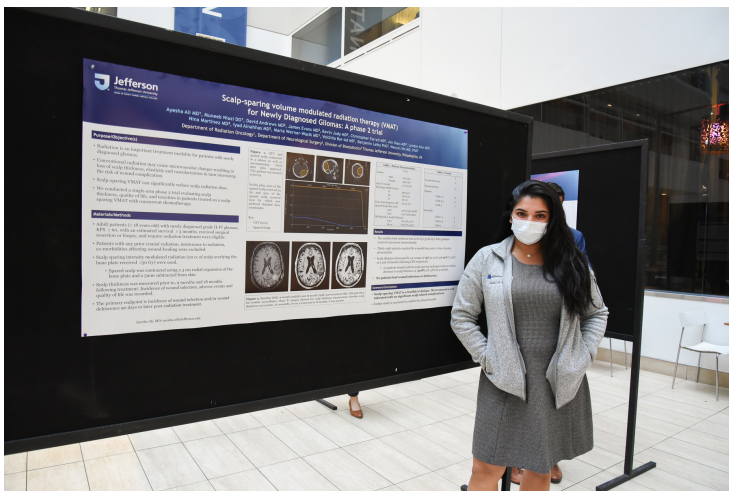
Lauren was a 2021 Simon Kramer Extern in the Department of Radiation Oncology, working with Drs. Lombardo and faculty mentor Dr. Nicole Simone.

Dr. Lombardo will present this poster at the American Society for Radiation Oncology Annual Meeting in October 2021.



Dr. Miller discusses his poster with Drs. Adam Dicker and Jessie DiNome, Clinical Assistant Professor of Radiation Oncology.

Dr. Miller presented "Changes in post-treatment cardiac PET avidity predict overall survival in lung cancer patients treated with chemoradiation: secondary analysis of the ACRIN 6668/ROG 0235 clinical trial." His faculty mentor is Dr. Yevgeniy Vinogradskiy, Associate Professor and Enterprise Vice Chair & Director of Medical Physics. Dr. Miller earned first place for this presentation.



Dr. Ali stands beside her poster presentation, titled "Scalp-sparing volume modulated radiation therapy (VMAT) for Newly Diagnosed Gliomas: A Phase 2 Trial."

Dr. Ali earned 2nd place at the symposium, and she will present this poster at the American Society for Radiation Oncology Annual Meeting in October 2021.





Congratulations to Ryan Miller, MD (1st Place), Ayesha Ali, MD (2nd Place) and Alexandria Smith (3rd Place)!

On behalf of Drs. Adam Dicker and Nicole Simone, thank you to all who participated and attended the inaugural Department of Radiation Oncology Research Symposium.

Our trainees and faculty worked hard to make this inaugural event happen.

A very special thank you to Drs. Maria Werner-Wasik and Felix Kim for serving as judges.

We look forward to gathering again next year for the 2022 Research Symposium!