

RONEN SHAPIRO

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Education

Jamesville-Dewitt High School Class of 2026

Syracuse University Project Advance 2025-2026

- Writing
- Literature
- Physics

Onondaga Community College 2024-2025, 2025-2026

- Spanish

Johns Hopkins Center for Talented Youth

- Introduction to Web Design
- Young Adult Readers
- Arduino Prototyping
- Diagnosis: Be the Doctor

Experience

SUNY Upstate Medical Center - Student Volunteer 2025

- Delivered medical supplies to various departments
- Helped with patient transport

SUNY Upstate Medical University - Mollapour Lab

- Research Intern 2024-2025
- Researched an anticancer drugs' binding to molecular chaperone Hsp90
- Presented a poster at Cell Stress Society International 13th annual meeting Syracuse NY October 2025

Cornell University - Fuller Spatial Ecology and Decision Science Lab and New York State Department of Environmental Conservation (NYSDEC)

- Research intern 2025
- Principal Investigator on a project that integrates quantitative modeling to help predict costs associated with citizen science method of wildlife monitoring
- Presented poster at 80th NEAFA Conference, Bretton Woods, NH April 2025

We Rise Above the Streets, a homeless outreach organization

- Volunteer 2023-2025

- Collected food donations and made sandwiches for homeless population in Syracuse, NY
- Distributes personal hygiene items and food on Saturday mornings

Founded and Operated Shapiro Car Detailing 2023-2025

- Managed client relationships and business operations

RocMaidan- Rochester NY

- Volunteer 2024-2025
- Collected donations that were then shipped to front line soldiers in Ukraine

Global English Ambassador in Spain 2023 – Pueblo Ingles

- Facilitated multicultural language education

Tutor for Ukrainian Refugee Children During Wartime Transition

- Tutor 2024-2025
- Connected with students via Zoom to tutor in English language and cultural competency

Shadowed Trauma surgeon, Radiation Oncologist, and Urologist at Upstate Medical University – 2024-2025

- Observed procedures and patient care

Executive Leadership Shadowing 2025

- Shadowed Dr. Robert Corona, CEO of Upstate Medical University
- Shadowed Chief Medical Information Officer, Upstate Medical University
- Shadowed Director & Chief of Hospital Medicine, Upstate Medical University
- Shadowed Chief of Staff, Upstate Medical University
- Shadowed Associate Dean for Clinical Affairs, Upstate Medical University
- Shadowed Deputy Nursing Director, Upstate Medical University
- Participated in Quality Management Oversight Committee Meeting

Presentations

1. Deep-Learning Prediction of HSP90 Chaperone Post-translational Modification Crosstalk in Drug Binding. Meluni, K, Heritz J, Backe S, Cayaban S, **Shapiro, R**, Kunz M, Bourboulia S, Mollapour M. Cell Stress Society International, Syracuse, NY October 2025

2. Evaluating the Cost-Effectiveness of Citizen Science in Wildlife Monitoring: The CritterCam Initiative in New York State. **Shapiro R**, Tooley J, Perkins K, Turner H, Kramer D, Fuller A. 80th NEAFA Conference, Bretton Woods, NH April 2025
3. Novel shared decision-making model for management of osteoarthritis of the knee joint, **Shapiro, R, Romalis Y**. American College of Radiation Oncology, Orlando, FL March 2026- Accepted for Presentation
4. Radiation Induced Angiosarcoma of the breast, **Shapiro, R**, Romalis, Y, Radiological Society of North America, Chicago, IL, November 2025
5. Knee Osteoarthritis - Evaluating the Cost-Effectiveness of current treatment options including Low Dose Radiotherapy (LDRT), Romalis Y, **Shapiro R** American College of Radiation Oncology, Orlando, FL March 2026 – Accepted for Presentation

Activities

Varsity Swim Team Captain 2022-present (Captain in 2025)

- Breaststroke, participated in Sectionals

Model United Nations

- Delegate

Science Olympiad

- Won five medals in regional competitions

Awards/Honors

- Best and Brightest of CNY 2025
- AP Scholar with Honors and Distinction
- Spanish Honor Society
- National Honor Society
- High Honor Roll
- College Board National Recognition Program
- Keuka College George H. Ball Community Achievement Award
- Section III Champion 2023 (Team)
- Empire Division Champion 2023 (Team)
- Model UN
 - o The William Verbeck Award for Strategic Thinking – MUN 2023
 - o The Jeffrey Mangram Award for Public Speaking – MUN 2024
- Science Olympiad Top 10
 - o Fermi Questions 6th
 - o Helicopter 1st
 - o Tower 8th

Languages

- Russian (First)
 - o Fluent
- English

- Fluent
- Ukrainian
 - Conversational
- Spanish (High School)
 - Speak, Read, Write

Hobbies

- Cooking
- Baking
- Skiing
- Fishing
- Piano
- Violin
- Chess
- Swimming
- Sailing