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Moffitt Cancer Center, Department of Tumor Microenvironment & Metastasis, Tampa, Florida

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Education

Ph.D. in Medical Science | University of South Florida MCOM

Department of Molecular Medicine

Major Professor: Ana Gomes, Ph.D.

Co-Major Professor: Patricia Kruk, Ph.D.

Program Director: Michael Teng, Ph.D.

Aug 2025 –
Present

B.S. in Biomedical Science | University of South Florida

College of Arts and Science

Aug 2019 –
Dec 2022

Science and Arts Graduate Program in Biomedical Science

Florence University of the Arts – American University of Florence

Aug 2021

Awards, Honors, Honorary Society Memberships

Metastasis Research Society Outstanding Poster Award

Jul 2026

Metastasis Research Society Early Career Researcher Travel Award

Apr 2026

Paul Allen Wetter Award for Best Multispecialty Paper

Sept 2024

UF CARE Annual Symposium Travel Award

Mar 2023

Gilman Scholar Recipient

Apr 2021

Appointments

Graduate Research Assistant, University of South Florida MCOM

Aug 2025 –
Present

Moffitt Cancer Center

Department of Tumor Microenvironment & Metastasis

Supervisor: Dr. Ana Gomes, Ph.D.

Clinical Researcher and Medical Scribe, Florida Surgical Specialists

Aug 2023 –
Jul 2025

Supervisor: Paul Toomey, M.D., F.A.C.S.

Post-Baccalaureate Research Assistant, Advent Health Tampa

May 2023 –
Dec 2023

Digestive Health Institute

Supervisor: Sharona Ross, M.D., F.A.C.S.

Undergraduate Research Assistant, University of South Florida MCOM

May 2022 –
May 2023

Byrd Alzheimer's Institute

Supervisor: Dr. Danielle Gulick, Ph.D., M.Ed.

Teaching, Lecture

Graduate Teaching Assistant

Foundations in Biomedical Science (Fall 2026)
GMS 6001
Class Size: 15

Aug 2026 –
Dec 2026

Published Bibliography

Peer-reviewed Manuscripts

Most recent to
earliest

Al Masri, M., Imam, A., **Popover, J.L.**, Mackey, A., King, N., Kalathia, C., Toomey, P. Pancreatic cancer in a non-tertiary center: CEA and bilirubin more predictive than CA 19-9 at initial presentation. *Journal of Pancreas*. **2025**;1(1), 06-14. Doi:10.14302/oap.jpan-25-5589

Popover, J.L., Kalathia, C., Jones, T., Feldman, J., Chastain, G., Mackey, A., Imam, A., Almasri, Majd., Toomey, P. Artificial Intelligence in Medicine: A Specialty-Level Overview of Emerging AI Trends *JSLs*. **2025** Jul-Sep;29(3):e2025.00041. doi: 10.4293/JSLs.2025.00041.

Popover, J.L., Jones, T., Kalathia, C., Mackey, A., King, N., Sardzinski, E., Oulton, Z., Imam, A., Almasri, M., Toomey, P. Physician employment in the United States: Private practices dominate despite increase in hospital employment. *JSLs*. **2025**;29(2):e2025.00012. doi:10.4293/JSLs.2025.00012

Popover, J.L., Oulton, Z., Robles, Y., Kannan, U., Brown, B., King, N., Sardzinski, E., Gaddis, B., Al-Masri, M., Toomey, P. Biliary Dyskenesia – Is it Real? *JSLs*. **2025**;29(1):e2024.00053. doi:10.4293/JSLs. 2024.00053

Ross, SB., **Popover, J.L.**, Sucandy, I., Christodoulou, M., Pattilachan, TM., Rosemurgy, AS. The Oncological Stress Test of Neoadjuvant Therapy: A Systematic Review in Outcomes of Neoadjuvant Therapy Compared to Upfront Resection Approach for Borderline Resectable Pancreatic Adenocarcinoma. *The American Surgeon*. **2024**;90(11):3061-3073. doi:10.1177/00031348241248703

Submitted Abstracts

HMGA1 links organismal aging to metastatic fitness of triple-negative breast cancer in the lung. **Popover, J.L.**, Drapela, S., Chimeh-Rad, R., Sarigul, N., Ilter, D., Gomes, A.P. MRS. **Jul 2026**

Artificial Intelligence in Medicine: A Comprehensive Review of Emerging AI Trends. **Popover, J.**, Stephenson-Moe, C., Kalathia, C., Jones, T., Feldman, F., King, N., Tougaw, R., Mackey, A., Imam, A., Almasri, M., Toomey, P. Society of Lap. & Rob. Surg. **Sept 2024**

Physician Employment in the United States: Private Practices Dominate Despite Increased Hospital Employment. **Popover, J.**, Kalathia, C.,

Stephenson-Moe, C., Jones, T., King, N., Tougaw, R., Mackey, A., Imam, A., Almasri, M., Toomey, P. Assoc. Prog. Dir. Surg. **April 2024**

Systematic review: microbiome and metabolome for colorectal cancer screening. Mackey, A., Imam, A., Kalathia, C., Sardzinski, E., Oulton, Z., **Popover, J.**, Tougaw, R., Al Masri, M., Toomey, P. Am. Surgeon. **Feb 2024**

Surgical Video Abstracts

Ross, S, **Popover, J.**, Sucandy, I, Rosemurgy, A. Robotic Transhiatal Esophagectomy for Esophageal Adenocarcinoma. Am. Surgeon. **2024**

Ross, S, **Popover, J.**, Sucandy, I, Rosemurgy, A. Robotic Heller Myotomy with Anterior-Dor Fundoplication for Type 1 Achalasia by Gastroesophageal Junction Adenocarcinoma. Surg. Endosc. **2024**

Presentations

Oral Presentations

Most recent to
earliest

Keystone Symposia - Tumor Microenvironment: Identifying Drivers of Progression and Resistance – 2026.

Aging Directs the Differential Evolution of KRAS-Driven Lung Adenocarcinoma. Lazure, F., **Popover, J.**, Ilter, D., Raizada, D., Drapela, S., Liu, X., Lockhard J.H., Kashfi, H., Sarigul, N., Flores, E.R., Wang, X., Smalley, I., Jaeger, A., Yu, X., Gomes, A.P.

Society of Laparoscopic and Robotic Surgery: Minimally Invasive Surgery Week - 2024

Artificial Intelligence in Medicine: A Comprehensive Review of Emerging AI Trends. **Popover, J.L.**, Stephenson-Moe, C., Kalathia, C., Jones, T., Feldman, F., King, N., Tougaw, R., Mackey, A., Imam, A., Almasri, M., Toomey, P.

Digestive Health Institute Hepatopancreatobiliary and Advanced Foregut and GI Research Banquet - 2023

Unraveling the Oncological Stress Test of Neoadjuvant Therapy: A Systematic Review in Pancreatic Cancer. **Popover, J.L.**, Ross, S., Sucandy, I., Rosemurgy, A.

Poster Presentations

Most recent to
earliest

Metastasis Research Society Biennial Congress – 2026

Moffitt Cancer Center Science Symposium – 2026

HMGA1 links organismal aging to metastatic fitness of triple-negative breast cancer in the lung. **Popover, J.L.**, Stanislav Drapela, Rojan Chimeh-Rad, Nadir Sarigul, Didem Ilter, Ana P. Gomes

Keystone Symposia - Tumor Microenvironment: Identifying Drivers of Progression and Resistance – 2026

Aging directs the differential evolution of KRAs-driven lung adenocarcinoma. Lazure, F., **Popover, J.**, Ilter, D., Raizada, D., Drapela, S., Liu, X., Lockhard J.H., Kashfi, H., Sarigul, N., Flores, E.R., Wang, X., Smalley, I., Jaeger, A., Yu, X., Gomes, A.P.

Association of Program Directors in Surgery: Surgical Education Week - 2024

Physician-owned Practice Employment Dominate Despite Increase in Hospital Employment. **Popover, J.**, Stephenson-Moe, C., Kalathia, C., Jones, T., Feldman, F., King, N., Tougaw, R., Mackey, A., Imam, A., Almasri, M., Toomey, P.

UF Center for Addiction and Rehabilitation Education Symposium – 2023

How alcohol consumption is affected in C57 mouse models treated with a non-hallucinogenic psilocybin novel analog. **Popover, J.L.**, Gonzales, D., Nguyen, H., Bayyat, J., Singh, M., Buitrago, M., Gamsby, J., Gulick, D.

USF Health Research Day – 2023

How alcohol consumption is affected in C57 mouse models treated with a non-hallucinogenic psilocybin novel analog. **Popover, J.L.**, Gonzales, D., Nguyen, H., Bayyat, J., Singh, M., Buitrago, M., Gamsby, J., Gulick, D.

Conferences Attended

Most recent to
earliest

Metastasis Research Society Biennial Congress – **2026**
Keystone Symposia - Tumor Microenvironment: Identifying Drivers of Progression and Resistance - **2026**
Moffitt Cancer Center Science Symposium - **2026**
USF Health Research Day - **2026**
American Beekeeping Federation Conference and Tradeshow – **2024**
Society of Laparoscopic & Robotic Surgeons: Minimally Invasive Surgery Week - **2024**
Association of Program Directors in Surgery: Surgical Education Week – **2024**
UF Center for Addiction Research and Education Symposium – **2023**
USF Health Research Day - **2023**