

# Anthony Onde Morada, MD

## Contact Information

**Phone:** +1 (909) 239-3581

**Email:** anthony.omorada@gmail.com · amorada1@geisinger.edu

**Address:** 208 Main St. Avoca, PA 18641-1544

**ORCID:** 0000-0002-0428-6558

**LinkedIn:** anthonyomorada

**GitHub:** anthonyomorada

## Professional Summary

General Surgery Resident (PGY-4) at Geisinger Northeast with research experience in transplant surgery at Cedars-Sinai Medical Center. UCSB alumnus from Los Angeles with background in clinical outcomes research, systematic reviews, and genomic medicine. Filipino-American physician interested in advancing surgical care through research and evidence-based practice.

## Research Highlights

- **Systematic Review Expertise:** Lead author on systematic review methodology (Surgical Endoscopy)
- **Clinical Outcomes Research:** COVID-19 triage algorithms and surgical outcomes analysis
- **Genomic Medicine:** Analysis of 92,297 patients in large-scale genomic database
- **Quality Improvement:** Prospective studies improving surgical care and patient outcomes
- **Transplant Surgery Background:** Research experience at Cedars-Sinai Liver Transplant program

## Current Position

**General Surgery Resident (PGY-4)** | 2022 – Present Geisinger Northeast General Surgery Program, Scranton, PA

## Education

**Doctor of Medicine** | 2022 Geisinger Commonwealth School of Medicine, Scranton, PA

**Bachelor of Science in Cell and Developmental Biology** | 2014 University of California – Santa Barbara, Santa Barbara, CA *Graduated with Distinction in the Department of Molecular, Cellular, and Developmental Biology Minor in English*

**Emergency Medical Technician Certification** | 2011 UCLA Center for Prehospital Care, Los Angeles, CA *Accredited by West Los Angeles College*

## Research Experience

- **Clinical Investigator and Analyst** | 2020 – 2022 Donald Guthrie Foundation, Guthrie Robert Packer Hospital, Sayre, PA
  - **Principal investigator** for prospective observational study improving readmission rates in high-output ileostomy patients (NCT04669964)
  - Led protocol development and IRB approval process for registered clinical trial
  - Developed evidence-based protocol improving surgical resident autonomy through structured laparoscopic training
  - Published results contributing to surgical education and patient outcomes literature
- **Student Investigator** | 2019 – 2020 Quality Improvement Community Collaborative (QUICC) – Transition Care Management, Guthrie Robert Packer Hospital, Sayre, PA
  - Developed prospective quality improvement project to increase transition care management compliance
  - Created EPIC tool and staff education protocol; presented at Stanley Conklin Research Day
- **Student Investigator** | 2018 – 2019 Longitudinal Community Health Improvement and Promotion (CHIP) – Colorectal Cancer, Northeast Regional Cancer Institute, Scranton, PA
  - Quality improvement project for colorectal screening compliance at community clinic
- **Research Chair** | 2018 General Surgery Interest Group (GSIG), Geisinger Commonwealth School of Medicine, Scranton, PA
  - Organized research opportunities and presented four collaborative projects at conferences

- **Student Investigator** | 2017 – 2018 Weis Center for Research, Geisinger Medical Center, Danville, PA
  - Analyzed genomic data from **92,297 patients** in Geisinger’s MyCode and DiscovEHR program—one of the largest healthcare genomic databases
  - Performed high-volume statistical analyses using R programming on whole exome sequences to identify rare disease variants
  - Focus on autosomal dominant diseases relevant to transplant genetics and familial conditions
  - Awarded competitive grant funding from GCSOM’s Summer Research Immersion Program
- **Clinical Research Data Specialist** | 2015 – 2017 Departments of Liver Transplant & Hepatobiliary and Pancreatic Surgery, Cedars-Sinai Medical Center, Los Angeles, CA
  - Coordinated clinical research studies for liver transplant recipients and living donor candidates
  - Managed transplant outcomes biorepository with specimens from **500+ transplant patients** for translational research
  - Served as IRB contact for liver transplant clinical trials including immunosuppression protocols and rejection studies
  - Collaborated directly with transplant surgeons on publications analyzing post-transplant outcomes and surgical complications
  - Performed statistical analyses using R programming for transplant surgery research published in peer-reviewed journals
- **Clinical Research Volunteer** | 2015 Department of Microbiology, St. John’s Regional Medical Center, Oxnard, CA
  - Analyzed blood culture contamination data using R programming
- **Undergraduate Research Assistant** | 2013 – 2015 Dr. Kathy Foltz Laboratory, University of California – Santa Barbara, Santa Barbara, CA
  - Investigated egg activation mechanisms; reviewed more than 8,000 unique phospho-sequences from a high throughput phosphoproteomic analysis of time course egg lysates of *S. purpuratus*
  - Awarded two Undergraduate Research and Creative Activities (URCA) Grants
- **Laboratory Research Assistant** | 2014 Dr. Megan Valentine and Dr. Stuart Feinstein Laboratories, University of California – Santa Barbara, Santa Barbara, CA
  - Summer research project synthesizing Alzheimer’s-associated tau protein and isoforms
- **Undergraduate Research Assistant** | 2012 Dr. Dzwokai Zach Ma Laboratory, University of California – Santa Barbara, Santa Barbara, CA
  - Researched histone modifications during cytokinesis

## Clinical Experience

- **Lead Emergency Medical Technician** | 2012 – 2014 UCSB’s Extra Help Program, Santa Barbara County Fire Department, Santa Barbara, CA
  - Provided Basic Life Support care to the community of the University of California – Santa Barbara and associated districts; responsible for more than 22,000 citizens
  - Acted as liaison between student EMTs and Santa Barbara County Fire Department
  - Managed EMT staff logistics and organized training sessions for continuing education

## Publications

### Peer-Reviewed Articles

1. **Morada, AO**, Chen CK, Akateh C, Marvin MR, Kotru A. Late Parotid Recurrence of Hepatocellular Carcinoma Following Liver Transplantation: A Case Report, *Case Reports in Hepatology*, 2025, 2965476, 5 pages, 2025. [Full Text] [PDF]
2. Bashiri A, **Morada AO**, Sultany M, et al. Trends of Trauma Admissions in a Rural Trauma Center During Coronavirus Disease 2019 Pandemic. *J Surg Res.* 2023;289:202-210. PMID: 37141703. [Full Text] [PubMed]
3. Keller HR, Senapathi SH, **Morada AO**, et al. Survival in patients with neuroendocrine tumors of the colon, rectum and small intestine. *Am J Surg.* 2023;225(1):58-65. PMID: 36216612. [Full Text] [PubMed]
4. **Morada AO**, Senapathi SH, Bashiri A, Chai S, Cagir B. A systematic review of primary ileostomy site malignancies. *Surg Endosc.* 2022;36(3):1750-1760. PMID: 34997348. [Full Text] [PDF]
5. Sundaram N, **Morada AO**, Bashiri A, Cagir B. CT images demonstrating the natural progression of locally advanced partially treated rectal cancer. *BMJ Case Rep.* 2022;15(3):e247609. PMID: 35332009. [Full Text] [PMC Free]
6. Senapathi H, **Morada AO**, Perry M, et al. Prognostic Factors in Gastrointestinal Leiomyosarcomas: An Analysis Using the SEER Database. *Cureus.* 2021;13(11):e19447. PMID: 34926025. [Open Access]
7. **Morada AO**, Scheidel C, Brown JL, et al. Predicting severe COVID-19 outcomes for triage and resource allocation. *MedRxiv.* 2021. [Preprint]

8. Guo H, Garcia-Vedrenne AE, Isserlin R, et al. Phosphoproteomic network analysis in the sea urchin *Strongylocentrotus purpuratus* reveals new candidates in egg activation. *Proteomics*. 2015;15(23-24):4080-4095. PMID: 26572944. [Full Text] [PubMed]

### Manuscripts Under Review/In Preparation

- **Morada AO**, Kropp Lopez A, Droney AC, Matera D, Lopez R. Traumatic Page Kidney: A Systematic Review and Case Report of Bilateral Gerota's Fascia Release. *Submitted to Trauma Surgery & Acute Care Open*; in review.
- **Morada AO**, Chen CK, Akateh C, Marvin MR, Kotru A. Hepatocellular Carcinoma Metastasis to Salivary Glands: A Systematic Review of Diagnostic Challenges and Survival Outcomes. *Submitted to Journal of Gastrointestinal Oncology*; in review.
- Dewar Z, **Morada AO**, Senapathi H, Rittenberger J. Ultrasound versus combined ultrasound and modified Seldinger technique in obtaining difficult peripheral intravenous access: A systematic review and meta-analysis. [PROSPERO Protocol] *Manuscript in preparation*
- Seungwoo C, Senapathi SH, **Morada AO**, et al. Exploring the quality of internal medicine resident ambulatory patient care: a feasibility study. *Manuscript in preparation*

### Media & Publications

- **Morada AO**, Mackarey P. Finding your way clear of opioid problems. *The Scranton Times-Tribune*. August 27, 2018. [Full Article]
- **Morada AO**. Ending Tuberculosis: A Global Commitment. *The Traveler*. December 2017.

### Peer Review Activities

- **Cancer Medicine** (2025) - Manuscript #CAM4-2025-04-2129
- **PLOS ONE** (2025) - Manuscript #PONE-D-25-15492R (revision review)
- **PLOS ONE** (2025) - Manuscript #PONE-D-25-15492
- **PLOS ONE** (2022) - Manuscript #PONE-D-21-17071R1 (revision review)
- **PLOS ONE** (2021) - Manuscript #PONE-D-21-17071
- **Frontiers in Pharmacology** (2022) - Manuscript #1010820
- **Annals of Internal Medicine** (2021) - Manuscript #M21-2536

## Presentations

### Oral Presentations

#### *Accepted*

1. **Morada AO**, Becker JL, Furey MJ, Summa CH, Richards KR, Bodde J, Jordan RM, Bannon JP, Falvo A. Building a Better Sub-Internship Evaluation: A Multi-Stakeholder Approach. *Accepted for 2026 Association for Surgical Education Annual Meeting*, Atlanta, GA. April 29 2026.

#### *Completed*

1. Bashiri A, **Morada AO**, Silverman S, Behara M, Behm R. Trends of Trauma Admissions in a Rural Trauma Center During Coronavirus Disease 2019 Pandemic. *Stanley Conklin Research Day*, Sayre, PA. April 2021.
2. Bertram C, Yeung E, Senapathi H, Perry M, **Morada AO**, Bertsch D, Cagir B. Evaluation of the Survival outcomes of Intestinal Adenosquamous Carcinomas with SEER-18 registry: What do we know? *Stanley Conklin Research Day*, Sayre, PA. April 2021.
3. Chai S, Kolade V, Senapathi SH, **Morada AO**, Khaliq AA, Malviya B. Exploring the quality of internal medicine resident ambulatory patient care: a feasibility study of the patient-doctor relationship. *Stanley Conklin Research Day*, Sayre, PA. April 2021.
4. Senapathi SH, **Morada AO**, Morgan P, Cagir B. Comparing Epidemiology and Survival of Gastro-Intestinal Stromal Tumors and Leiomyosarcomas. *Stanley Conklin Research Day*, Sayre, PA. April 2021.
5. **Morada AO**, Marinock J, Mirshahi U, Smelser DT, Carey DJ. Examining the Genetic Burden of Two Rare Autosomal Dominant Diseases. *2018 Geisinger Commonwealth School of Medicine Summer Research Symposium*, Scranton, PA, August 2018.
6. **Morada AO**, Mehta PA, Miller BN, Alagappan AA, Wachsman A, Gaddam S, Jamil L, Lo S, Nissen N. Management of Pancreatic Fistula or Leak after Pancreatectomy: Perspective from a 14-year Single Surgeon Experience. *Southern California Chapter of the American College of Surgeons Annual Scientific Meeting*, Santa Barbara, CA, January 2017.
7. Miller BN, **Morada AO**, Gangi A, Annamalai AA, Wachsman A, Hendifar A, Tuli R, Nissen N. Challenging the Treatment Paradigm of Oligometastatic Pancreatic Adenocarcinoma with Selective Use of Locoregional Cytoreductive Therapies. *Southern California Chapter of the American College of Surgeons Annual Scientific Meeting*, Santa Barbara, CA, January 2017.

8. Miller BN, Mehta PA, **Morada AO**, Hendifar A, Annamalai AA, Wachsmann A, Deepti D, Nissen N. Age-Related Differences in Presentation and Management of Pancreatic Neuroendocrine Tumors. *Society of Surgical Oncology's 70th Annual Cancer Symposium*, Seattle, WA, March 2017.

## Poster Presentations

1. **Morada AO**, Chen CK, Akateh C, Marvin MR, Kotru A. Uncommon Sites of Hepatocellular Carcinoma Metastasis: A Systematic Review of Salivary Gland Involvement. *International Liver Transplantation Society (ILTS) Annual Congress 2025*, Singapore, May 2025. PDF
2. **Morada AO**, Senapathi SH, Bashiri A, Chai S, Cagir B. A Systematic Review of Primary Ileostomy Site Malignancies. *Society of American Gastrointestinal and Endoscopic Surgeons 2021 Meeting*, Las Vegas, NV, August 2021. PDF
3. Yeung E, Senapathi SH, **Morada AO**, Wung C, Miner J, Cagir B. High Output Ileostomy: A Retrospective Study on the Predictive Parameters of 30 Days Readmission from Dehydration. *Society of American Gastrointestinal and Endoscopic Surgeons 2021 Meeting*, Las Vegas, NV, August 2021.
4. Chai S, Kolade V, Senapathi SH, **Morada AO**, Khaliq AA, Malviya B. Exploring the quality of internal medicine resident ambulatory patient care: a feasibility study of the patient-doctor relationship. *Stanley Conklin Research Day*, Sayre, PA. April 2021.
5. Senapathi SH, **Morada AO**, Morgan P, Cagir B. Comparing Epidemiology and Survival of Gastro-Intestinal Stromal Tumors and Leiomyosarcomas. *Stanley Conklin Research Day*, Sayre, PA. April 2021.
6. Bertram C, Yeung E, Senapathi SH, Perry M, **Morada AO**, Bertsch D, Cagir B. Evaluation of the Survival outcomes of Intestinal Adenosquamous Carcinomas with SEER-18 registry: What do we know? *Stanley Conklin Research Day*, Sayre, PA. April 2021.
7. Yeung E, Senapathi H, Perry M, Bertram C, **Morada AO**, Bertsch D, Cagir B. P90: Evaluation of the Survival Outcomes of Intestinal Adenosquamous Carcinomas with SEER-18 Registry: What Do We Know? *Society of Surgical Oncology 2021: International Conference on Surgical Cancer Care*, Virtual Meeting. March 2021.
8. Senapathi SH, Perry M, **Morada AO**, Bertram C, Yeung E, Bertsch D, Cagir B. P85: Review of Intestinal Leiomyosarcomas: Epidemiology and Survival. *Society of Surgical Oncology 2021: International Conference on Surgical Cancer Care*, Virtual Meeting. March 2021.

9. **Morada AO**, Adnani A, Bombar B, Rodriguez A, Simpson K, Pamula J. Optimizing Transition Care Management Referrals to Primary Care Providers. *Stanley Conklin Research Day*, Sayre, PA. April 2020.
10. Vaddadi S, Vyas N, Mathews K, **Morada AO**, Hanrahan M, Santa-Lucia G, Davis G. An Artificial Intelligence Tool to Aid in the Management of Mechanical Ventilation: A Proof-of-Concept Study. *Geisinger Commonwealth School of Medicine 2019 Spring Research Symposium*, Scranton, PA, March 2019.
11. Stewart J, Behrman J, Davis G, **Morada AO**, Vyas N, Ali B, Watson S, Ca K, Sorour K. Retrospective evaluation of dependency on supplemental oxygen in patients undergoing therapeutic hypothermia. *Geisinger Commonwealth School of Medicine 2019 Spring Research Symposium*, Scranton, PA, March 2019.
12. **Morada AO**, Marinock J, Mirshahi U, Smelser DT, Carey DJ. Elucidating Rare Genetic Variants Associated with Autosomal Dominant Tubulointerstitial Kidney Disease. *American College of Surgeons Clinical Congress 2019*, San Francisco, CA, October 2019.
13. **Morada AO**, Teixeira A, Tripathi K, Reisch-Neyman Y, Davis G, Sorour O, McCallion P, Sorour K. Intracolonic Administration of Vancomycin Via Cecal Tube in Intensive Care Unit Patients with Fulminant Clostridium Difficile Colitis. *16th Annual American Medical Association Research Symposium*, National Harbor, MD, November 2018.
14. **Morada AO**, Marinock J, Mirshahi U, Smelser DT, Carey DJ. Elucidating Rare Genetic Variants Associated with Autosomal Dominant Tubulointerstitial Kidney Disease. *2018 Geisinger Commonwealth School of Medicine Summer Research Symposium*, Scranton, PA, August 2018.
15. Marinock J, **Morada AO**, Mirshahi U, Smelser DT, Carey DJ. Rare Variants in APC Gene Increase Population Burden of Familial Adenomatous Polyposis. *2018 Geisinger Commonwealth School of Medicine Summer Research Symposium*, Scranton, PA, August 2018.
16. Davis G, **Morada AO**, Myers T, Sorour K. Effects of Body Temperature on Vasoactive-Inotropic Score. *Annual National Student Research Forum*, Galveston, TX, May 2018.
17. Bolock A, Choudhary M, Fei X, Loser M, **Morada AO**, Stefanelli M, Rwabukwisi F. Longitudinal Community Health Research Project: Colorectal Cancer Screening. *Geisinger Commonwealth School of Medicine Research Day*, Scranton, PA, March 2017.
18. Miller BN, Garnett G, **Morada AO**, Annamalai A, Hendifar A, Dhall D, Wachsmann A, Yu R, Nissen N. Parenchymal-Preserving Resection for Pancreatic Neuroendocrine Tumors: are the Outcomes Justified? *Society*



for *Surgery of the Alimentary Tract 58th Annual Meeting at Digestive Disease Week 2017*, Chicago, IL, May 2017.

19. **Morada AO**, Mehta PA, Miller BN, Annamalai A, Wachsmann A, Gaddam S, Jamil L, Lo S, Nissen N. Pancreatic Fistula or Leak after Distal Pancreatectomy: Has anything changed? 13-year Single Surgeon Experience. *Society for Surgery of the Alimentary Tract 58th Annual Meeting at Digestive Disease Week 2017*, Chicago, IL, May 2017.
20. Miao Y, **Morada AO**, Sun A, Garcia-Vedrenne AE, Foltz KR. Egg Activation Signaling Networks Revealed Via High Throughput Phosphoproteomics. *2015 Molecular, Cellular, and Developmental Biology Graduate Symposium*, Santa Barbara, CA, Feb 2015.
21. **Morada AO**, Garcia-Vedrenne AE, Foltz KR. Investigating egg activation signaling circuits using high throughput phosphoproteomics. *University of California – Santa Barbara’s Undergraduate Research Colloquium*, Santa Barbara, CA, May 2014.
22. **Morada AO**, Garcia-Vedrenne AE, Foltz KR. Profiling and enrichment mapping of the sea urchin egg phosphoproteome in response to fertilization. *University of California – Santa Barbara’s Undergraduate Research Colloquium*, Santa Barbara, CA, May 2013.

## Honors and Awards

- **1st Place Oral Presentation**, Donald Guthrie Foundation Stanley Conklin Research Day (2021)
- **1st Place Poster Presentation**, Donald Guthrie Foundation Stanley Conklin Research Day (2021)
- **1st Place Hacking Health 2019 Winner**, Steel Institute for Health Innovation (\$5,000 award for “ABBY” - addressing provider burnout through EHR optimization)
- **Certificate of Achievement for Pharmacology & Toxicology**, UT Medical Branch National Student Research Forum (2018)
- **Distinction and Certificate of Excellence**, GCSOM Summer Research Symposium (2018)
- **1st Place Fundraising Team**, Pancreatic Cancer Action Network Purple Stride (2016, 2017) - Assistant Team Captain for Cedars-Sinai Whippers
- **Undergraduate Research and Creative Activities (URCA) Grants**, UC Santa Barbara (2013, 2014)

## Leadership and Service

- **Health Explorers Instructor** | 2017 – 2019 Regional Education Academy for Careers in Health (REACH-HEI), Geisinger Commonwealth School of Medicine
  - Provided academic enrichment and mentoring for low-income and first-generation college students in northeastern Pennsylvania
- **President** | 2017 – 2019 Asian Pacific American Medical Student Association (APAMSA), Geisinger Commonwealth School of Medicine
  - Led organizational leadership and community service initiatives for APAMSA chapter
- **Peer Mentor** | 2018 – 2019 MD Peer Mentorship Program, Geisinger Commonwealth School of Medicine
  - Mentored first- and second-year medical students during their transition to medical school
- **Team Abby Member** | 2019 Hacking Health Competition, Geisinger Steel Institute for Health Innovation
  - **\$5,000 first place winner** for healthcare innovation project addressing provider burnout and operational efficiency
- **Clinical Skills Chair** | 2018 – 2019 Plastic Surgery Interest Group, Geisinger Commonwealth School of Medicine
  - Organized clinical skills workshops and coordinated with anatomy lab for realistic surgical simulation
- **Assistant Team Captain** | 2016 – 2017 Cedars-Sinai Whiplers, Pancreatic Cancer Action Network (PanCAN), Los Angeles, CA
  - Led team to **#1 fundraising position** with **\$200,000+ raised** over two years
  - Recruited 150+ team members through outreach and marketing initiatives
- **Team KiPOW Member** | 2016 UC Irvine School of Medicine Pediatric Interest Group, Orange County, CA
  - Health educator teaching nutrition and exercise to elementary students through UCI/CHOC partnership
- **Clinical Volunteer** | 2013 – 2014 COPE Health Solutions, St. John's/Pleasant Valley Medical Centers, Ventura County, CA
  - Rotational volunteer experience across multiple clinical departments including emergency medicine and surgery

## Technical Skills and Certifications

- **Programming & Data Analysis**
  - R Programming: Advanced statistical analysis of 92,297+ patient genomic datasets, clinical outcomes research
  - Python: Data science applications, machine learning implementations
  - SQL: Database querying and management for clinical research studies
- **Research Methodology**
  - Large-scale data analysis: Genomic medicine applications, clinical outcomes research
  - Statistical modeling: High-volume hypothesis testing, biostatistics
  - Biorepository management: Specimen coordination for translational research studies
  - Literature synthesis: Systematic review methodology, evidence-based analysis
- **Machine Learning & AI**
  - AI for Medicine - DeepLearning.AI (2020): Medical imaging, clinical prediction models
  - Machine Learning - Stanford University (2017): Supervised/unsupervised learning algorithms
  - Data Science Specialization - Johns Hopkins University (2016): R programming, statistical inference
- **Clinical Certifications**
  - Bleeding Control Basic - American College of Surgeons (2017)
  - Emergency Medical Technician - California EMSA License E084811 (2011-2017)

## Professional Memberships

- **International Liver Transplantation Society (ILTS)**
- **American Society of Transplant Surgeons (ASTS)**
- American College of Surgeons
- American Medical Association
- Pennsylvania Medical Society

## Cultural Competencies

Trained in: Transgender Health, Safe Zone (LGBTQ+), Cross-Cultural Communication, Microaggression Awareness, Community Action Poverty Simulation, Psychiatric Disability Empathy, People with Disabilities as Teachers (PDAT) — Geisinger Commonwealth School of Medicine, 2017

## Personal Interests

- Photography, Programming (R, Python), Fantasy Sports, Fitness (hiking, cycling, running)