

# Anthony Onde Morada, MD

General Surgery Resident | Researcher | Educator

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## About Me

I am a general surgery resident at the Geisinger Northeast General Surgery Program with over 10 years of experience in translational and clinical research. As a dedicated researcher and educator, my work focuses on improving patient outcomes through innovative surgical techniques and evidence-based practices. Originally from Los Angeles, CA, I am proud of my Filipino-American heritage and commitment to fostering inclusivity in medicine.

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## Education

### 1. Doctor of Medicine

Geisinger Commonwealth School of Medicine, Scranton, PA. 2022

### 2. Bachelor of Science in Cell and Developmental Biology

University of California – Santa Barbara, Santa Barbara, CA. 2014

Graduated with Distinction in Molecular, Cellular, and Developmental Biology. Minor in English.

### 3. Emergency Medical Technician Certification

UCLA Center for Prehospital Care, Los Angeles, CA. 2011

Accredited by West Los Angeles College.

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## Research Experience

### 1. Clinical Investigator and Analyst *Donald Guthrie Foundation*, PA (2020 – 2022)

- Designed a study to reduce ileostomy readmissions (NCT04669964).
- Developed a protocol enhancing surgical autonomy with Self-Determination Theory.

### 2. Student Investigator *QUICC*, Guthrie Robert Packer Hospital, PA (2019 – 2020)

- Improved TCM compliance using an EPIC tool and staff training.
- Presented findings at Stanley Conklin Research Day.

### 3. Student Investigator *CHIP – Colorectal Cancer*, Northeast Regional Cancer Institute, PA (2018 – 2019)

- Boosted colorectal screening compliance through outreach and scheduling.
- Presented at Geisinger Commonwealth Research Day.

### 4. Research Chair *General Surgery Interest Group (GSIG)*, GCSOM, PA (2018)

- Organized surgical topics and guided research leading to four conference presentations.

5. **Student Investigator** *Weis Center for Research, Geisinger Medical Center, PA (2017 – 2018)*
    - Analyzed genomic data (92,297 patients) using R programming.
    - Secured Summer Research Immersion funding.
  6. **Clinical Research Specialist** *Liver Transplant & Hepatobiliary Surgery, Cedars-Sinai, CA (2015 – 2017)*
    - Analyzed data with SQL/R for pancreatic/liver tumor publications.
    - Managed biorepository and liaised with IRB.
  7. **Clinical Research Volunteer** *Microbiology Department, St. John's Regional Medical Center, CA (2015)*
    - Evaluated contamination rates in blood cultures using R programming.
  8. **Undergraduate Research Assistant** *Dr. Kathy Foltz Laboratory, UC Santa Barbara, CA (2013 – 2015)*
    - Researched egg activation mechanisms via phosphoproteomic analysis.
    - Earned two Undergraduate Research and Creativities Grants.
  9. **Lab Research Assistant** *Dr. Megan Valentine & Dr. Stuart Feinstein Labs, UC Santa Barbara, CA (2014)*
    - Synthesized Alzheimer's tau proteins using SDS-PAGE and chromatography.
  10. **Undergraduate Research Assistant** *Dr. Dzwokai Zach Ma Laboratory, UC Santa Barbara, CA (2012)*
    - Investigated histone modifications during cytokinesis using immunostaining and SDS-PAGE.
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## Premedical Clinical Experience

1. **Lead Emergency Medical Technician** *UCSB Extra Help Program, Santa Barbara County Fire Department, Santa Barbara, CA (2012 – 2014)*
    - Provided Basic Life Support (BLS) care to over 22,000 citizens in the UCSB community and surrounding districts.
    - Acted as a liaison between student EMTs and the Fire Department.
    - Organized EMT staff logistics and training sessions for continuing education.
  2. **Physical Therapy Volunteer** *Student Health, Physical Therapy, UCSB, Santa Barbara, CA (2014)*
    - Prepared patients for therapy using heat and electrical stimulation techniques.
    - Assisted patients with physical therapy exercises under supervision.
  3. **Clinical Care Extender Intern** *COPE Health Solutions, St. John's Regional Medical Center/Pleasant Valley Medical Center, Oxnard & Camarillo, CA (2013 – 2014)*
    - Rotated through inpatient care, rehabilitation, radiology, emergency medicine, and outpatient surgery.
    - Gained exposure to clinical workflows in various healthcare settings.
  4. **Team KiPOW Member** *UC Irvine School of Medicine Pediatric Interest Group, Helen Estock Elementary School, Tustin, CA (2016)*
    - Taught 5th-grade students about nutrition and exercise in an advocacy program for the Orange County pediatric population.
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## Leadership & Extracurricular Activities

1. **Big Brother Mentor**, *Big Brothers/Sisters, Scranton, PA (2017 – Present)*: Mentored a “little” in academics and life skills.

2. **APAMSA President & Community Service Chair**, *GCSOM, Scranton, PA (2017 – 2019)*: Organized service events and represented APAMSA nationally.
3. **Health Explorers Instructor**, *REACH-HEI, GCSOM, Scranton, PA (2017 – 2019)*: Mentored first-generation students in health professions.
4. **Assistant Team Captain**, *Pancreatic Cancer Action Network, Los Angeles, CA (2016 – 2017)*: Raised \$200,000+ and recruited 150+ team members.
5. **Student Ambassador**, *GCSOM, Scranton, PA (2017 – 2018)*: Represented GCSOM during admissions and led campus tours.
6. **Clinical Skills Chair**, *Plastic Surgery Interest Group, GCSOM, Scranton, PA (2018 – 2019)*: Led suture workshops and simulations.
7. **Fundraiser & Climber**, *American Lung Association, Los Angeles, CA (2016)*: Raised \$1500 and climbed 62 stories for awareness.

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## Publications

### Academic Manuscripts

1. Bashiri A, **Morada A**, Sultany M, Senepathi S, Silverman S, Casós S, Behm R. *Trends of Trauma Admissions in a Rural Trauma Center During Coronavirus Disease 2019 Pandemic*. J Surg Res. 2023 Sep;289:202-210. doi: 10.1016/j.jss.2023.02.040. PMID: 37141703; PMCID: PMC10008796.
2. Keller HR, Senapathi SH, **Morada A**, Bertsch D, Cagir B. *Survival in patients with neuroendocrine tumors of the colon, rectum and small intestine*. Am J Surg. 2023 Jan;225(1):58-65. doi: 10.1016/j.amjsurg.2022.09.053. PMID: 36216612.
3. Sundaram N, **Morada A**, Bashiri A, Cagir B. *CT images demonstrating the natural progression of locally advanced partially treated rectal cancer*. BMJ Case Rep. 2022 Mar 24;15(3):e247609. doi: 10.1136/bcr-2021-247609. PMID: 35332009; PMCID: PMC8948397.
4. Senapathi H, **Morada A**, Perry M, Bertram C, Yeung E, Sultany M, Bertsch D, Cagir B. *Prognostic Factors in Gastrointestinal Leiomyosarcomas: An Analysis Using the Surveillance, Epidemiology, and End Results (SEER) Database*. Cureus. 2021 Nov 10;13(11):e19447. doi: 10.7759/cureus.19447. PMID: 34926025; PMCID: PMC8654067.
5. **Morada AO**, Senapathi SH, Bashiri A, Chai S, Cagir B. *A systematic review of primary ileostomy site malignancies*. Surg Endosc. 2022 Mar;36(3):1750-1760. doi: 10.1007/s00464-021-08847-7. PMID: 34997348.
6. **Morada, A. O.**, Scheidel, C., Brown, J. L., Albright, J., Kolade, V., & Cagir, B. *Predicting severe COVID-19 outcomes for triage and resource allocation*. MedRxiv, 2021.04.12.21255201. <https://doi.org/10.1101/2021.04.12.21255201>.
7. Guo, H., Garcia-Vedrenne, A. E., Isserlin, R., Lugowski, A., **Morada, A.**, Sun, A., Miao, Y., Kuzmanov, U., Wan, C., Ma, H., Foltz, K., & Emili, A. *Phosphoproteomic network analysis in the sea urchin Strongylocentrotus purpuratus reveals new candidates in egg activation*. Proteomics, 2015;15(23–24):4080–4095. doi: 10.1002/pmic.201500159.

### Submitted or Prepared Manuscripts

1. Seungwoo, C., Senapathi, S. H., **Morada A. O.**, Khaliq, A. A, Malviya, B., and Kolade, V. Exploring the quality of internal medicine resident ambulatory patient care: a feasibility study of the patient-doctor relationship. Manuscript in preparation.
2. Dewar, Z., **Morada, A.O.**, Senapathi H., and Rittenberger J. Ultrasound versus combined ultrasound and modified Seldinger technique in obtaining difficult peripheral intravenous access: A systematic review and meta-analysis. Manuscript in preparation. Registered on PROSPERO CRD210386.

### Peer Review Activities

1. **Morada AO.** (2022) *Manuscript #1010820*, Frontiers in Pharmacology (Lausanne, Switzerland).

2. **Morada AO.** (2022) SOURCE-WORK-ID: db5428db-a659-43b4-a7c8-c2e48eb8e199. PLOS ONE, ISSN: 1932-6203. Public Library of Science (San Francisco, US).
3. **Morada AO.** (2021) SOURCE-WORK-ID: 61b29edb-4208-421b-ba50-e19a3e7e3862. PLOS ONE, ISSN: 1932-6203. Public Library of Science (San Francisco, US).
4. **Morada AO.** (2021) *Manuscript #M21-2536*, The Annals of Internal Medicine. American College of Physicians (Philadelphia, PA, US). 2021-06-21.

### Newspaper and Magazine Articles

1. **Morada, A. O.,** & Mackarey, P. *Finding your way clear of opioid problems.* The Scranton Times-Tribune, August 27, 2018, B7. Link.
2. **Morada, A.** *Ending Tuberculosis: A Global Commitment.* The Traveler, Spring 2017, (1), 1.

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## Presentations

### Oral Presentations

1. Bashiri, A., **Morada A. O.,** Silverman, S., Behara, M., and Behm, R. Trends of Trauma Admissions in a Rural Trauma Center During COVID-19 Pandemic. *Stanley Conklin Research Day*, Sayre, PA. April 2021.
2. Bertram, C., Yeung, E., Senapathi, H., Perry, M., **Morada, A.,** Bertsch, D., and 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, S. H., **Morada, A. O.,** Khaliq, A. A., and 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, S. H., **Morada A. O.,** Morgan, P., and Cagir, B. Comparing Epidemiology and Survival of Gastrointestinal Stromal Tumors and Leiomyosarcomas. *Stanley Conklin Research Day*, Sayre, PA. April 2021.
5. **Morada, A.,** Marinock, J., Mirshahi, U., Smelser, D. T., and Carey, D. J. Examining the Genetic Burden of Two Rare Autosomal Dominant Diseases. *Geisinger Commonwealth School of Medicine Summer Research Symposium*, Scranton, PA. August 2018.
6. **Morada, A.,** Mehta, P. A., Miller, B. N., Alagappan, A. A., Wachsman, A., Gaddam, S., Jamil, L., Lo, S., and 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, B. N., **Morada, A.,** Gangi, A., Annamalai, A. A., Wachsman, A., Hendifar, A., Tuli, R., and 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, B. N., Mehta, P. A., **Morada, A.,** Hendifar, A., Annamalai, A. A., Wachsman, A., Deepti, D., and 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, A. O.,** Senapathi, S. H., Bashiri, A., Chai, S., and Cagir, B. A Systematic Review of Primary Ileostomy Site Malignancies. *Society of American Gastrointestinal and Endoscopic Surgeons 2021 Meeting*, Las Vegas, NV. August 2021.
2. Yeung, E., Senapathi, S. H., **Morada, A. O.,** Wung, C., Miner, J., and Cagir, B. High-Output Ileostomy: A Retrospective Study on the Predictive Parameters of 30-Day Readmission from Dehydration. *Society of American Gastrointestinal and Endoscopic Surgeons 2021 Meeting*, Las Vegas, NV. August 2021.

3. Chai, S., Kolade, V., Senapathi, S. H., **Morada, A. O.**, Khaliq, A. A., and 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, S. H., **Morada A. O.**, Morgan, P., and Cagir, B. Comparing Epidemiology and Survival of Gastrointestinal Stromal Tumors and Leiomyosarcomas. *Stanley Conklin Research Day*, Sayre, PA. April 2021.
5. Bertram, C., Yeung, E., Senapathi, S. H., Perry, M., **Morada, A. O.**, Bertsch, D., and 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.
6. Yeung, E., Senapathi, H., Perry, M., Bertram, C., **Morada, A. O.**, Bertsch, D., and Cagir, B. Evaluation of the Survival Outcomes of Intestinal Adenosquamous Carcinomas with SEER-18 Registry. *Society of Surgical Oncology 2021: International Conference on Surgical Cancer Care*, Virtual Meeting. March 2021.
7. Senapathi, S. H., Perry, M., **Morada, A. O.**, Bertram, C., Yeung, E., Bertsch, D., and Cagir, B. Review of Intestinal Leiomyosarcomas: Epidemiology and Survival. *Society of Surgical Oncology 2021: International Conference on Surgical Cancer Care*, Virtual Meeting. March 2021.
8. **Morada, A.**, Adnani, A., Bombar, B., Rodriguez, A., Simpson, K., and Pamula, J. Optimizing Transition Care Management Referrals to Primary Care Providers. *Stanley Conklin Research Day*, Sayre, PA. April 2020.
9. Vaddadi, S., Vyas, N., Mathews, K., **Morada, A.**, Hanrahan, M., Santa-Lucia, G., and 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.
10. Stewart, J., Behrman, J., Davis, G., **Morada, A.**, Vyas, N., Ali, B., Watson S., and 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.
11. **Morada, A.**, Marinock, J., Mirshahi, U., Smelser, D. T., and Carey, D. J. Elucidating Rare Genetic Variants Associated with Autosomal Dominant Tubulointerstitial Kidney Disease. *American College of Surgeons Clinical Congress 2019*, San Francisco, CA. October 2019.
12. **Morada, A.**, Teixeira, A., Tripathi, K., Reisch-Neyman, Y., Davis, G., Sorour, O., and Sorour K. Intracolonic Administration of Vancomycin Via Cecal Tube in ICU Patients with Fulminant Clostridium Difficile Colitis. *16th Annual American Medical Association Research Symposium*, National Harbor, MD. November 2018.
13. **Morada, A.**, Marinock, J., Mirshahi, U., Smelser, D. T., and Carey, D. J. Elucidating Rare Genetic Variants Associated with Autosomal Dominant Tubulointerstitial Kidney Disease. *2018 Geisinger Commonwealth School of Medicine Summer Research Symposium*, Scranton, PA. August 2018.
14. Marinock, J., **Morada, A.**, Mirshahi, U., Smelser, D. T., and Carey, D. J. 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.
15. Davis, G., **Morada, A.**, Myers T., and Sorour K. Effects of Body Temperature on Vasoactive-Inotropic Score. *Annual National Student Research Forum*, Galveston, TX. May 2018.
16. Bolock, A., Choudhary, M., Fei X., Loser M., **Morada, A.**, Stefanelli, M., and Rwabukwisi, F. Longitudinal Community Health Research Project: Colorectal Cancer Screening. *Geisinger Commonwealth School of Medicine Research Day*, Scranton, PA. March 2017.
17. Miller, B. N., Garnett, G., **Morada, A.**, Annamalai, A., and 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.
18. **Morada, A.**, Mehta, P. A., Miller, B. N., and Nissen, N. Pancreatic Fistula or Leak After Distal

- Pancreatectomy: A 13-Year Single Surgeon Experience. *Society for Surgery of the Alimentary Tract 58th Annual Meeting at Digestive Disease Week 2017*, Chicago, IL. May 2017.
19. Miao, Y., **Morada, A.**, Sun, A., and Foltz, K. R. Egg Activation Signaling Networks Revealed via High-Throughput Phosphoproteomics. *2015 Molecular, Cellular, and Developmental Biology Graduate Symposium*, Santa Barbara, CA. February 2015.
  20. **Morada, A.**, Garcia-Vedrenne, A. E., and Foltz, K. R. Investigating Egg Activation Signaling Circuits Using High-Throughput Phosphoproteomics. *University of California – Santa Barbara’s Undergraduate Research Colloquium*, Santa Barbara, CA. May 2014.
  21. **Morada, A.**, Garcia-Vedrenne, A. E., and Foltz, K. R. 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.
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## Certifications

1. **AI for Medicine** – DeepLearning.AI, Coursera. Completed: **2020**
  2. **Machine Learning** – Stanford University, Coursera. Completed: **2017**
  3. **Emergency Medical Technician Certification** – EMSA License E084811. Valid: **2011–2017**. Accredited by UCLA Center for Prehospital Care, Los Angeles, CA.
  4. **Bleeding Control Basic Certification** – American College of Surgeons, Committee on Trauma
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## Honors and Awards

- **1st Place Oral Presentation** – Stanley Conklin Research Day, 2021 *Project*: Trends of Trauma Admissions in a Rural Trauma Center During COVID-19 Pandemic.
  - **1st Place Poster Presentation** – Stanley Conklin Research Day, 2021 *Project*: Exploring the Quality of Internal Medicine Resident Ambulatory Patient Care: A Feasibility Study of the Patient-Doctor Relationship.
  - **Hacking Health Winner** – Geisinger Steel Institute, Danville, PA, 2019 Won \$5000 for developing “Abby,” addressing provider burnout.
  - **Distinction in Research** – Geisinger Commonwealth School of Medicine Summer Research Symposium, 2018 *Project*: Examining the Genetic Burden of Two Rare Autosomal Dominant Diseases.
  - **Certificate of Achievement for Pharmacology & Toxicology** – National Student Research Forum, 2018 *Project*: Effects of Body Temperature on Vasoactive-Inotropic Score.
  - **1st Place Fundraising Team** – Purple Stride, Pancreatic Cancer Action Network, 2017 *Role*: Assistant Team Captain for the Cedars-Sinai Whippers.
  - **Undergraduate Research and Creativities Grant (URCA)** – University of California, Santa Barbara, 2014 *Project*: Investigating Egg Activation Mechanisms Using High-Throughput Phosphoproteomics in *S. Purpuratus*.
  - **Undergraduate Research and Creativities Grant (URCA)** – University of California, Santa Barbara, 2013 *Project*: Profiling and Enrichment Mapping of the Sea Urchin Egg Phosphoproteome in Response to Fertilization.
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## Professional & School Organizations

1. American College of Surgeons
2. American Medical Association
3. Asian Pacific American Medical Student Association

4. Pennsylvania Medical Society
  5. Clinical Skills Club
  6. Commonwealth Cooking Club
  7. Global Health Society
  8. Great Escapes Book Club
  9. Medical Spanish Club
  10. Medical Students for Choice (MSFC)
  11. Pediatric Outreach Group for Students (POGS)
  12. Regional Education Academy for Careers in Health – Higher Education Initiative (REACH-HEI)
  13. Student Ambassadors
  14. Technology and Medicine Interest Group
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## Cultural Competencies

1. **LGBTQ+ Healthcare Training:** Completed workshops on equitable care and inclusive communication.
  2. **Microaggressions and Bias Training:** Trained to identify and address microaggressions in clinical settings.
  3. **Empathy Development:** Participated in simulations to understand challenges faced by low-income and disabled patients.
  4. **Culturally Competent Surgical Care:** Attended sessions on culturally sensitive practices in surgery.
  5. **Implicit Bias Training:** Completed training to mitigate biases in decision-making and patient care.
  6. **Language Proficiency:** Acquired basic Spanish skills for effective communication with Spanish-speaking patients.
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## Skills

1. **Technical Skills:** Proficient in R, Python, SQL, and data analysis for clinical and research applications.
  2. **Surgical Expertise:** Experienced in surgical oncology, transplant, and hepatobiliary-pancreatic procedures.
  3. **Research Skills:** Expertise in study design, statistical analysis, and manuscript preparation.
  4. **Leadership and Teaching:** Skilled in mentoring medical students and residents in clinical and academic settings.
  5. **Language Proficiency:** Basic Spanish for effective communication with Spanish-speaking patients.
  6. **Technology:** Proficient in EPIC electronic medical records and advanced Microsoft Office applications.
  7. **Public Speaking:** Adept at delivering presentations at local, regional, and national conferences.
  8. **Cultural Competency:** Experienced in addressing implicit biases and fostering inclusivity in clinical practice.
  9. **Clinical Skills:** Advanced proficiency in laparoscopic and open surgical techniques.
  10. **Certifications:** FLS, ATLS, ACLS, and BLS certified for patient care and emergency response.
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## Personal Interests

- **Photography:** Landscape and portrait photography using advanced DSLR equipment.
- **Programming:** Data visualization and analysis with R and Python.
- **Fitness:** Backpacking, cycling, running, and weightlifting.
- **Fantasy Sports:** Managing and participating in basketball leagues.
- **Motorsports:** Rally car racing, sim racing, F1 and MotoGP.