

# Ericson John Villafior Torralba

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## EDUCATION

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### Wright State University, Boonshoft School of Medicine

August 2020 – Present

*Doctor of Medicine, Candidate*

*Global Health Scholar Track*

*Healer's Art Scholar*

*Top Quartile during Foundations Curriculum*

### Wright State University, Boonshoft School of Medicine

August 2020 – Present

*Master of Science, Pharmacology and Toxicology Candidate*

*Dual Degree MD/MS Clinical Investigation Student*

### University of California: Irvine

September 2012 – June 2016

*Bachelor of Science, Biology Specialization in Exercise Science*

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## WORK EXPERIENCE

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### Wright State University

**Boonshoft School of Medicine** – Dayton, OH

July 2021 – Present

*Peer Instructor and Tutor*

- Invested weekly tutoring sessions with 3 medical students in preparation for Foundations Curriculum
- Prepare teaching material for block exams and in preparation for STEP 1
- Created interactive lesson plans, premade Anki decks, and personalized study schedules
- Provided goal setting and achievements while organizing their weekly progress

### University of California, Irvine Medical Center

**Comprehensive Digestive Disease Center (CDDC)** – Orange, CA

November 2017 – April 2020

*Interventional Gastroenterology Endoscopy Technician*

- Maintain log for scope reprocessing and adhere to all high-level disinfection protocol
- Operating room set up for diagnostic screenings and general GI procedures
- Operating room, emergency room, and ICU set up for interventional GI procedures
- Maintain and stock supplies for clinical research and GI procedural instruments
- Specimen collection for clinical research programs
- Technical instrument use for EUS/ERCP, Cystgastrostomy, EDGE, TIF, POEM, FTRD, SpyGlass, etc.

### University of California, Irvine School of Medicine

**Center for Occupational and Environmental Health (COEH)** – Irvine, CA

August 2016 – November 2017

*Exercise Physiologist*

- Schedule and consult for wellness and physical exams with Orange County Fire Authority
- Collect and interpret vital signs and prepare patients for EKG stress/exercise exams
- Administer and interpret 12-lead EKG stress and prepare results for attending physician
- Prescription of exercise and fitness evaluation based on company's need for employee
- Provide diet, nutrition, and supplementation advice for wellness program participants
- Collect and transfer data from wellness exams into UC Irvine aggregate database for clinical research

**Shoreline Ambulance LLC****Orange County Station 64** – Westminster, CA

October 2013 – March 2016

*Emergency Medical Technician*

- Ensure that emergency response vehicle is in proper mechanical condition
- Restock and maintain equipment for interfacility transport, emergency, BLS and ALS transport
- Provide trauma intervention: hemorrhage control, treatment for shock, and orthopedic trauma
- BLS transport between facilities and ensure stable vital signs enroute
- Report verbally and transfer care of patients to receiving medical staff

**Coury and Beuhler Physical Therapy and Orthopedics** – Irvine, CA

September 2014 – June 2015

*Exercise Specialist/Physical Therapist Aide*

- Teach and evaluate proper exercise technique to post-orthopedic surgical patients
- Disinfection of clinic supplies and work area
- Aid in exercise testing via treadmill and mobility screenings

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**RESEARCH EXPERIENCE**

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**Wright State University, Boonshoft School of Medicine****Department of Family Medicine** – Dayton, OH**Wright State Physicians Family Medicine**

August 2022 – Present

PI: Dr. Paul Hershberger

*Medical Student Researcher – Psychological Safety and Patient Trust in the Dayton Community***Wright State University, Boonshoft School of Medicine****Department of Surgery** – Dayton, OH**Dayton Veteran Affairs Diagnostic and Therapeutic Radiology**

May 2022 – Present

PI: Dr. Robert Short

*Medical Student Researcher – Interventional Radiology/Interventional Oncology***Wright State University, Boonshoft School of Medicine****Miami Valley Hospital Department of Surgery** – Dayton, OH**Department of Surgery; Trauma and Critical Care**

May 2022 – Present

PI: Dr. Cathline Layba

*Medical Student Researcher – Trauma and Critical Care***Mayo Clinic School of Medicine****Wright State University, Boonshoft School of Medicine****Mayo Clinic School of Medicine** – Arizona**Department of Medical Education** – Dayton, OH

August 2021 – Present

PI: Dr. Alvin Silva, Dr. Dean Parmelee, Dr. Amber Todd

*Medical Student Researcher – Integration of Radiology Imaging and Gross Anatomy Curriculum***Wright State University, Boonshoft School of Medicine****Department of Pharmacology and Toxicology** – Dayton, OH

May 2021 – Present

PI: Dr. Jeffrey Travers

*Medical Student Researcher – Fractionated Laser Resurfacing and IGF-1 Senescence***Wright State University, THz Sensors and Semiconductor Quantum Devices Laboratory****Department of Physics and Biomedical Engineering** – Dayton, OH

May 2021 – Present

PI: Dr. Elliot Brown and Dr. Weidong Zhang

*Medical Student Researcher – Development of Non-invasive imaging techniques utilizing terahertz (THz) technology*

**Wright State University, Boonshoft School of Medicine**  
**Department of Dermatology** – Dayton, OH  
PI: Dr. Julian Trevino, Dr. Clayton Connor  
*Medical Student Researcher – Sunscreen Adherence*

May 2021 – June 2022

**Wright State University, Boonshoft School of Medicine**  
**Department of Internal Medicine and Cardiology** – Dayton, OH  
PI: Dr. Damian Valencia  
*Medical Student Researcher – Cardiology*

March 2021 – Present

**University of California, Irvine Medical Center**  
**Comprehensive Digestive Disease Center (CDDC)** – Orange, CA  
PI: Dr. Jason Samarasena, Dr. John Gunn Lee, Dr. David Lee, Dr. Rintaro Hashimoto  
*Gastroenterology Junior Specialist*

May 2018 – April 2020

**University of California, Irvine School of Biological Sciences**  
**UCI Nutrition and Ecological Sciences Laboratory** – Irvine, CA  
PI: Dr. Donovan German  
*Undergraduate Researcher*

September 2015 – July 2016

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## PUBLICATIONS

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### Abstracts and Case Studies

Nguyen, S., **Torralba, E. J.**, Clark, N., Lesch, H., Layba, C., (2022). Endograft control of hemorrhage from traumatic avulsion of multiple intercostal arteries. *The American Surgeon*, September 2022, DOI: Pending

**Torralba, E. J.**, Suraweera, D., Park, S. (2019). Rectal Endometriosis: An Atypical Presentation. *American Journal of Gastroenterology*, October 2019 - Volume 114 - Issue - p S913 doi: 10.14309/01.ajg.0000596056.28575.33

Hashimoto, R., **Torralba, E. J.**, Xiaodong, L. (2019). Diffuse Gastric Xanthomatosis. *Clinical Gastroenterology and Hepatology*. DOI: 10.1016/j.cgh.2019.07.064

Mai, D., Hashimoto, R., Yu, A., **Torralba, E. J.**, Tran, E., Chehade, N. E. H., ... & Samarasena, J. (2019). Successful Curative Cryoablation of an Esophageal Gastrointestinal Stromal Tumor. *ACG Case Reports Journal*, 6(6), 1-3.

Hashimoto, R., Mai, D., **Torralba, E. J.**, Allen, R. Y., Lee, D. P., & Samarasena, J. (2018). Esophageal Ulceration Following Mitomycin C Application for Benign Refractory Stricture: 1801. *American Journal of Gastroenterology*, 113, S1025-S1026.

**Torralba, E.**, Mai, D., Lee, D., & Samarasena, J. (2018). Perforation During Underwater Endoscopic Mucosal Resection of a Large Sessile Polyp with Successful Endoscopic Management. *American Journal of Gastroenterology*, 113.

Samarasena, J., Allen, R. Y., **Torralba, E. J.**, Mai, D., Lee, D. P., Moosvi, Z., ... & Karnes, W. (2018). Artificial Intelligence Can Accurately Detect Tools Used During Colonoscopy: Another Step Forward Toward Autonomous Report Writing: Presidential Poster Award: 1075. *American Journal of Gastroenterology*, 113, S619-S620.

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## PRESENTATIONS

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### Posters

**Torralba, E.J.**, Fursmidt, R., Short, R., Tips and Tricks: Pneumo- and Hydrodissection for Protection of Sensitive Thoracic Structures During Thermal Ablation of Lung Masses Under Moderate Sedation. Poster presented at: Society of Interventional Oncology (SIO) Annual Scientific Meeting 2023; January 2023; Washington, D.C.

**Torralba, E.J.**, Zhang, W., Brown, E., A Novel Method for Non-invasive Medical Imaging of Thermal Burn Injuries Utilizing Millimeter Wave and Terahertz Technology. Poster presented at: American Medical Association Research Challenge Competition 2022; October 2022; Virtual.

**Torralba, E.J.**, Kunzelman, J., Silva, A.M., Parmelee, D., Silva, A.C., Pilot Study: Integrating of Abdominal Imaging into a Gross Anatomy Medical School Curriculum. Poster presented at: Wright State University Boonshoft School of Medicine Research Symposium 2022; May 2022; Dayton, OH.

**Torralba, E.J.**, Zhang, W., Brown, E., Utilization of 95GHz Millimeter Wave Reflectometer for Differentiation of Thermal Burn Injuries. Poster presented at: Wright State University Boonshoft School of Medicine Research Symposium 2022; May 2022; Dayton, OH.

**Torralba, E.J.**, Kunzelman, J., Silva, A.M., Parmelee, D., Silva, A.C., Integration of Abdominal Imaging into a Gross Anatomy Medical School Curriculum. Poster presented at: European Society of Gastrointestinal and Abdominal Radiology (ESGAR) 2022; May 2022; Lisbon, Portugal, Europe.

**Torralba, E.J.**, Travers, J.B., Utilization of Fractionated Laser Resurfacing (FLR) For the Prevention of Non-melanoma Skin Cancer in Geriatric Skin. Poster presented at: Asian Pacific American Medical Student Association National Conference 2022; January 2022; Columbus, OH.

Silva, A., **Torralba, E.J.**, Silva, A., Assessing the Impact of Radiology Integration During Gross Anatomy Curriculum On Diversity In Medical Student Perceptions and Interest. Poster presented at: Radiological Society of North America (RSNA) 2021; December 2021; Chicago, IL.

**Torralba, E.J.**, Zhang, W., Brown, E., Travers, J.B., Non-Invasive Medical Imaging Utilizing 95GHz Millimeter Wave Reflectometers. Poster presented at: Wright State University College of Science and Mathematics Research Festival 2021; October 2021; Dayton, OH.

Amen, M., **Torralba, E.J.**, Vuppuluri, N., Akbar, S., Valencia, & D., Nazir, R. Heart-Hand Syndrome? A Rare Case of Holt-Oram Syndrome (HOS). Poster presented at: 2021 DAGMEC 21<sup>st</sup> Annual Virginia C. Wood Resident Research Forum; May 2021; Virtual - Dayton, OH.

**Torralba, E.J.**, Tan, K., & Gratzle, J. Radiation Safety in the Gastroenterology Unit. Poster presented at: 2020 Society of Gastroenterology Nurses and Associates National Conference; October 2020; Virtual – Louisville, KY. **Third Place Education Poster Award.**

Centeno, E., & **Torralba, E.J.**, Flip or Flop: EndoFlip for Evaluation of GI Disorders. Poster presented at: 2020 Society of Gastroenterology Nurses and Associates National Conference; October 2020; Virtual – Louisville, KY.

**Torralba, E.J.**, & Brock, S., Endoscopic Ultrasound-Directed Trans-gastric ERCP (EDGE): Bridging the Gap. Poster presented at: 2019 Society of Gastroenterology Nurses and Associates National Conference; May 2019; Portland, OR.

Yeh, L., Hang, P., & **Torralba, E.J.** Transurethral Enteric Feeding Tube Placement (TEFT). Poster presented at: 2019 Society of Gastroenterology Nurses and Associates National Conference; May 2019; Portland, OR.

Centeno, E., Landayan, M.G., Alejaga, J., & **Torralba, E.J.** Endoscopic Full Thickness Resection (EFTR): The Cut and Close. Poster presented at: 2019 Society of Gastroenterology Nurses and Associates National Conference; May 2019; Portland, OR.

**Torralba, E.J.**, Duminda, S., Park, S. Rectal Endometriosis: An Atypical Presentation. Poster presented at: 2019 American College of Gastroenterology 2019 National Conference; May 2019; San Antonio, TX.

**Torralba, E.J.**, Mai, D., Lee, D., Perforation During Underwater Endoscopic Mucosal Resection of a Large Sessile Polyp with Successful Endoscopic Management. Poster presented at: 2018 American College of Gastroenterology National Conference; October 2018; Philadelphia, PA.

Hashimoto, R., Mai, D., **Torralba, E. J.**, Allen, R. Y., Lee, D. P., & Samarasena, J. Esophageal Ulceration Following Mitomycin C Application for Benign Refractory Stricture. Poster presented at: 2018 American College of Gastroenterology National Conference; October 2018; Philadelphia, PA.

Mai, D., Hashimoto, R., Yu, A., **Torralba, E. J.**, Tran, E., Chehade, N. E. H., ... & Samarasena, J. Successful Curative Cryoablation of an Esophageal Gastrointestinal Stromal Tumor. Poster presented at: 2018 American College of Gastroenterology National Conference; October 2018; Philadelphia, PA.

Samarasena, J., Allen, R. Y., **Torralba, E. J.**, Mai, D., Lee, D. P., Moosvi, Z., ... & Karnes, W. Artificial Intelligence Can Accurately Detect Tools Used During Colonoscopy: Another Step Forward Toward Autonomous Report Writing. Poster presented at: 2018 American College of Gastroenterology National Conference; October 2018; Philadelphia, PA. **Presidential Poster Award**

### Oral

**Torralba, E.J.**, Gilbert, M., Fursmidt, R., Fisher, G., Short, R., INtegrated System Providing IR/Rad Onc Expedited (INSPIRE) Consultation: Minimally Invasive Nodule Therapy (MINT) Clinic . Orally Presented at: Society of Interventional Radiology (SIR) Annual Scientific Meeting 2023; Medical Student Program; March 2023; Phoenix, Arizona.

**Torralba, E.J.**, Fursmidt, R., Nystrom, P., Malcom, A., Mathis, J., Short, R., Microwave Ablation of Stage IA Non-Small Cell Lung Cancers in US Veterans: Midterm Results. Orally Presented at: Society of Interventional Radiology (SIR) Annual Scientific Meeting 2023; March 2023; Phoenix, Arizona.

**Torralba, E.J.**, Gilbert, M., Fursmidt, R., Fisher, G., Short, R., INtegrated System Providing IR/Rad Onc Expedited (INSPIRE) Consultation: Developing a Minimally Invasive Nodule Therapy (MINT) Clinic . Orally Presented at: Society of Interventional Radiology's (SIR) Biodesign and Innovation Competition; January 2023; Virtual. **1<sup>st</sup> Place Winners.**

**Torralba, E.J.**, Fursmidt, R., Mathis, J., Nystrom P., Malcom, A., Short, R., Microwave Ablation of Stage IA Non-Small Lung Cancers Detected at Low Dose CT Lung Cancer Screening in US Veterans: Midterm Results. Orally Presented at: Society of Interventional Oncology (SIO) Annual Scientific Meeting 2023; January 2023; Washington, D.C.

**Torralba, E.J.**, Collins, K., David, F., Quality Improvement: Assessing Psychological Safety of Patients and Information Withholding. Orally Presented at: Wright State Physician's QI in Family Medicine; November 2022; Dayton, OH.

**Torralba, E.J.**, Wolford, J., Debating Debulking: Decision Making in Patients Diagnosed with Stage III/IV Ovarian Cancer. Orally Presented at: Miami Valley Hospital BSOM's Evidence Based Medicine in OBGYN 2022; August 2022; Dayton, OH.

**Torralba, E.J.**, Injury Prevention and Ergonomics in the GI Suite. Orally presented at: 2019 Society of Gastroenterology Nurses and Associates Regional Conference; November 2019; Irvine, CA.

**Torralba, E.J.**, & Brock, S., Endoscopic Ultrasound-Directed Trans-gastric ERCP (EDGE): Bridging The Gap. Orally presented at: 2019 Society of Gastroenterology Nurses and Associates National Conference; May 2019; Portland, OR.

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### LEADERSHIP EXPERIENCE

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#### **Boonshoft School of Medicine – Dayton, OH**

BSOM Annual Health Fair: Fundraising Committee	June 2022 – Present
Radiology Interest Group: Vice President	August 2022 – Present
Asian Pacific American Medical Student Association	April 2022 – Present
Community Outreach and Research Chair	
Hepatitis Screening Committee Chair	
Global Surgery Student Alliance (GSSA): Research and Education Chair	August 2021 – Present
EKG Workshop Peer Instructor	August 2021 – Present
Class of 2024 Class Representative (Elected Medical Student Council Position)	August 2020 – Present
Radiology Interest Group: Interventional Radiology Chair	April 2021 – August 2022
Asian Pacific American Medical Student Association Fundraising Chair	April 2021 – April 2022

M1 Interventional Radiology Interest Group Class Representative

August 2020 – April 2021

**Vascular Interventional Radiology of The Great Lakes Symposium (VIRGLS)**

Wright State University Boonshoft School of Medicine Planning Committee

August 2022 – Present

**Society of Interventional Radiology – National Society**

*Medical Student IR Reserves*

April 2021 – Present

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**AWARDS**

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Society of Interventional Radiology (SIR) Student, Resident, Fellow Biodesign Competition 1 <sup>st</sup> Place	January 2023
Healer's Art Scholar	June 2021
Global Health Scholar	May 2024
Wright State University Boonshoft School of Medicine Summer Medical Student Research Award	September 2021

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**HOBBIES**

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Powerlifting – Former 165lb. International Powerlifting League (IPL) World Champion 2014  
Geocaching  
Coffee brewing – Cold Brew, Kyoto Style Yama Tower, V60, siphon, chemex, AeroPress, exploring other various methods to brew coffee  
Ukulele and Guitar  
Sneaker collecting/reselling – Nike, Jordan, Nike SBs, History of shoes  
Outdoor Action sports; snowboarding, surfing, skateboarding, fixed gear biking, inline blading