

Supplemental Information

Supplemental Table 1. Practical approaches trainees and early-career GIs can promote and make changes towards sustainability at the society, program, or individual levels.

Professional Society	Division and Program Level	Individual Level
Investment in digital learning platforms	For patients with patient portal access, no need to print endoscopy reports	Faculty: Integrate strategies for waste reduction into endoscopy training
Reduce the use of paper and plastic covers in journals	Push towards a paperless endoscopy and clinic units	Challenge each lecturer to provide a sustainability idea or pointer during each didactic lecture or case review
Advocate for healthcare delivery strategies that decrease the carbon footprint	Training programs to invest in iPads with capabilities to “run the list” electronically to reduce multiple team members printing a list every day	Fellows: Propose and initiate quality improvement projects in their clinics and endoscopy units, centered around measuring and reducing waste
Advocate for and work with device manufacturers towards carbon neutral practices	Leverage Early Career GIs and Trainees knowledge of digital platforms to catalogue educational materials	Join GI society committees working to develop strategies to mitigate the impact of climate change on planetary health
Support investigators to assess the impact of climate on GI health and its variable impact across populations	Teach TH skills	
Consider more climate friendly ways to engage in professional society activities (virtual meetings, less paper based enduring material, waste friendly swag)	Educate fellows on which clinical scenarios are appropriate to use TH as initial and follow-up modalities	
Advocate for, and support, research efforts	Use digital formats to share post visit information	
	Start a <i>Green Team</i> to share the carbon impact of common tasks performed in GI	

Abbreviations: TH, telehealth

Supplemental Table 2: A listing of potential funding opportunities. Many of the listed funding agencies and GI societies are based in the United States.

Funding agency	Link/Comments
Environmental protection agency (EPA)	Human Health and Climate Change Research US EPA
Wellcome	Find a funding opportunity Grant Funding Wellcome
National Institutes of Health (NIH) ^A	Climate Change and Health National Institutes of Health (NIH)
National Science Foundation (NSF)	Global Centers (GC) NSF - National Science Foundation
Advanced Research Projects Agency for Health (ARPA-H)	ARPA-H Home ARPA-H
American Cancer Society	Research Grant Process American Cancer Society
American Gastroenterological Association (AGA)	Apply for Awards - American Gastroenterological Association
American Association for the Study of Liver Diseases (AASLD)	Funding Opportunities AASLD Foundation
American Society for Gastrointestinal Endoscopy (ASGE)	ASGE Grants & Awards
American College of Gastroenterology (ACG)	ACG Institute Research Grants & Awards ACG
North American Society for Pediatric Gastroenterology, Hepatology & Nutrition	Funding Opportunities (naspghan.org)
American Liver Foundation	Research Awards Program - American Liver Foundation
Canadian Association of Gastroenterology (CAG)	Funding Opportunities (cag-acg.org)
British Society of Gastroenterology (BSG)	Awards, Bursaries and Grants - The British Society of Gastroenterology (bsg.org.uk)
European Association for the Study of the Liver	EASL Registry Grants - EASL-The Home of Hepatology.

^AExamples of NIH opportunities include: PAR-21-172, PAR-22-210, PAR-23-152, PAR-23-153. NIH also has an Climate and Health Scholars Program (<https://www.nih.gov/climate-change-health/meet-2023-nih-climate-health-scholars>).