

**Sarah Elizabeth Streett, MD, AGAF**  
Clinical Professor of Medicine, Stanford University

**DEMOGRAPHIC AND CONTACT INFORMATION**

**Current Appointments**

2021 – Present      Clinical Professor of Medicine, Stanford University School of Medicine  
2022 – Present      Director, Advanced Inflammatory Bowel Disease Fellowship  
2020 – Present      Director, Inflammatory Bowel Disease Education, Stanford School of Medicine  
2020 – Present      FDA, Member, Gastrointestinal Drugs Advisory Committee

**Contact Information**

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**EDUCATION AND TRAINING**

***Undergraduate***

1983 – 1986      Bachelor of Arts, Sarah Lawrence College  
1986 – 1987      Oxford University, Wadham College

***Doctoral***

1987 – 1991      Doctor of Medicine, John Hopkins University, School of Medicine

***Postdoctoral***

1991 – 1992      Internal Medicine Internship, Stanford University School of Medicine  
1992 – 1994      Internal Medicine Residency, Stanford University School of Medicine  
1994 – 1997      Gastroenterology Fellowship, Stanford University School of Medicine

***Professional Development***

2016              AGA Women in Medicine Leadership Program, TX  
2018, 2019      Stanford Department of Medicine Leadership Course I and II  
2020              Essentials of Clinical Research Course, Stanford University  
2022              Co-Director, AGA Women’s leadership Workshop

**PROFESSIONAL EXPERIENCE**

***Academic Appointments***

2/2021 – Present      Clinical Professor of Medicine, Division of Gastroenterology, Stanford University  
2022 – Present      Director, Advanced Inflammatory Bowel Disease Fellowship  
2020 – Present      Director, Inflammatory Bowel Disease Education, Stanford School of Medicine  
2016 – 2020          Clinical Director, Inflammatory Bowel Disease, Stanford School of Medicine  
1/2016 – 2/2021      Clinical Associate Professor of Medicine, Division of Gastroenterology Stanford  
9/2015                  Clinical Instructor of Medicine, Division of Gastroenterology, Stanford University  
2004 – 2015          Attending Gastroenterologist, Kaiser Permanente Medical Center, Vallejo, CA  
2000 – 2001          Attending Gastroenterologist, Palo Alto Veterans Affairs Hospital  
1997 – 1999          Attending Gastroenterologist, Tacoma Digestive Disease Center

***FDA Appointments***

2020 – Present Member, Gastrointestinal Drugs Advisory Committee  
 2017 – Present Special Government Employee, Food and Drug Administration  
 2017 Member, Arthritis Advisory Committee, Adalimumab Biosimilar Review

***CMS Appointments***

2019 MACRA Episode-Based Cost Measure Wave 3  
 Chronic Care Disease Management Subcommittee, CMS

***Institutional Service***

2023- Present Lead, IBD Clinical Research Unit  
 2023- Present Appointment and Promotion Committee, GI Division  
 2021 – Present Lead, Stanford Gastroenterology Community Care Collaborative- giC3  
 2021 – 2022 Pediatric IBD and Celiac Director Search Committee  
 2021 – Present Maternal & Child Health Research Institute Grant Review Committee  
 2020 – Present Member, Community GI Advisory Council  
 2019 – Present Member, Department of Medicine Diversity-Inclusion Committee  
 2019 – 2021 Gastroenterology Fellowship Interview Committee  
 2021 Internal Medicine Residency Interviewer  
 2016 – 2020 Member, GI Clinical Leadership Committee  
 2019 – 2020 GI Fellowship Selection Committee  
 2014 – 2015 Clinical Lead, IBD Workgroup, Kaiser Permanente

**NATIONAL COMMITTEE SERVICE**

***American Gastroenterology Association***

2021 – 2022 Nominating Committee  
 2018 – Present Member, Government Affairs Committee  
 2015 – 2018 Chair, Practice Management and Economics  
 2016 – 2017 Member, Leadership Council  
 2015 – 2017 Chairperson, Obesity Workgroup Task Force  
 2013 – 2015 Member, Practice Management Committee  
 2015 Member, Roadmap Task Force  
 2014 – 2015 Member, Women’s Leadership Council  
 4/2014 Member, Strategic Planning Task Force  
 2013 – 2015 Member, Practice Management Committee  
 2012 – 2013 Member, Nominating Committee  
 2008 – 2012 Member, Women’s Committee  
 6/2004 – 5/2005 Member, Task Force on Women in Gastroenterology  
 6/2007 – 5/2008 Member, Task Force on Women in Gastroenterology  
  
 9/2020, 2021, 2023 California Delegation Lead, Political Advocacy Day, Washington DC  
 2015, 2020 AGA Representative, Alliance of Specialty Medicine Capitol Hill Meeting  
 9/2019 Attendee, Political Advocacy Day, Washington, DC  
 9/2018 Attendee, Political Advocacy Day, Washington, DC  
 9/2014 Attendee, Political Advocacy Day, Washington, DC

***Crohn’s and Colitis Foundation of America***

2021 – Present National Scientific Advisory Committee, Crohn’s and Colitis Foundation  
 2009 – Present Crohn’s and Colitis Medical Advisory Board  
 2008 – 2015 Past President, Northern California Society of Clinical Gastroenterology  
 Computerized Finances, Attained 501C status

Planned and funded NorCal DDW reviews & educational dinners annually  
Obtained sustaining grant from Johnson & Johnson

6/1986 – 9/1986 Volunteer, ALERT Leprosy Hospital, Addis Ababa, Ethiopia

### **Professional Societies**

1986 – Present American Gastroenterology Association

2009 – Present Crohn's and Colitis Foundation

2019 – Present Maternal and Child Health Research Institute, Stanford University

## **PUBLICATIONS AND SCHOLARSHIP**

### **Peer-reviewed**

A tissue atlas of ulcerative colitis revealing evidence of sex-dependent differences in disease-driving inflammatory cell types and resistance to TNF inhibitor therapy. Aaron T. Mayer<sup>1,2,3\*</sup>, Derek R. Holman<sup>2,4\*</sup>, Anav Sood<sup>5\*</sup>, Utkarsh Tandon<sup>3</sup>, Salil S. Bhate<sup>6</sup>, Sunil Bodapati<sup>3</sup>, Graham L. Barlow<sup>6</sup>, Jeff Chang<sup>3</sup>, Sarah Black<sup>6</sup>, Erica C. Crenshaw<sup>4</sup>, Alexander N. Koron<sup>4</sup>, **Sarah E. Streett**<sup>4</sup>, Sanjiv S. Gambhir<sup>1,2</sup>, William J. Sandborn<sup>7</sup>, Brigid S. Boland<sup>7</sup>, Trevor Hastie<sup>5</sup>, Robert Tibshirani<sup>5</sup>, John T. Chang<sup>7</sup>, Garry P. Nolan<sup>6,8</sup>, Christian M. Schürch<sup>6,8,9\*\*#</sup>, Stephan Rogalla<sup>2,4\*\*</sup>. *Sciences Advances*, in press

Gubatan J, Barber GE, Nielsen OH, Juhl CB, Maxwell C, Eisenberg ML, **Streett SE**. Paternal Medications in Inflammatory Bowel Disease and Male Fertility and Reproductive Outcomes: A Systematic Review and Meta-Analysis. *Clin Gastroenterol Hepatol*. 2022 Jul 20

Maarten J. Wensink MD PhD, **Sarah E. Streett MD AGAF**, Per Damkier MD PhD, Rune Lindahl-Jacobsen PhD, Jens Kjeldsen MD PhD, Michael L. Eisenberg MD. Balsalazide exposure during the development of fertilizing sperm may be associated with offspring birth defects. *Inflamm. Bowel Dis*. 2022 Oct 3;28(10)

Nielsen OH, Gubatan JM, Juhl CB, **Streett SE**, Maxwell C. Biologics for Inflammatory Bowel Disease and Their Safety in Pregnancy: A Systematic Review and Meta-analysis. *Clin Gastroenterol Hepatol*. 2022 Jan;20(1):74-87

Rao A, Zikos T, Garay G, Lee K, **Streett S**. Patients Report Infrequent Counseling by Physicians and Inadequate Knowledge About Inflammatory Bowel Disease (IBD) and Reproductive Health Issues. *Am J Perinatol*. 2021 Dec 13. doi: 10.1055/s-0041-1740193

Mathews SC, Natarajan Y, Sofia MA, Patel A, Francis D, **Streett S**, Siddique SM; Development of AGA's Policy Agenda During the COVID-19 Pandemic. *Gastroenterology*. 2021 Sep;161(3):765-769

Gubatan, J., Nielsen, OH, Levitte, S., Juhl, C.B., Maxwell, C., **Streett, S.**, Habtezion, A. Biologic Therapy During Pregnancy in Women with Inflammatory Bowel Disease and Risk of Infantile Infections: A Systematic Review and Meta-Analysis. *Am J Gastroenterol*. 2021 Feb 1;116(2):243-253.

Mathews S, Natarajan Y, Sofia A, Patel A, Francis D, **Streett S**, Siddique S. Development of AGA's Policy Agenda During the COVID-19 Pandemic. Government Affairs Committee AGA. *Gastroenterology*. 2021 May 11:S0016-5085(21)02971-1.

Nielsen, OH, Gubatan, J., Juhl, C.B., **Streett, S.**, Maxwell, C. Biologics for Inflammatory Bowel Disease and their Safety in Pregnancy: A Systematic Review and Meta-analysis. *Clin Gastroenterol Hepatol*. 2020 Sep 12:S1542-3565(20)31281-7.

Rubin SJS, Bai L, Haileselassie Y, Garay G, Yun C, Becker L, **Streett SE**, Sinha SR, Habtezion A. Mass Cytometry reveals systemic and local immune signatures that distinguish inflammatory bowel diseases. *Nat Commun.* 2019 Jun 19;10(1):2686.

Weingarden AR, Smith P, **Streett S**, Triadafilopoulos G. A Failure to Communicate: Disentangling the Causes of Perianal Fistulae in Crohn's Disease and Anal Squamous Cell Cancer. *Dig Dis Sci.* 2020 Oct;65(10):2806-2809.

#### *Peer-reviewed Educational Publications*

Ligibel JA, Alfano CM, Hershman DL, Merrill JK, Basen-Engquist K, Bloomgarden ZT, Demark-Wahnefried W, Dixon S, Hassink SG, Jakicic JM, Morton JM, Okwuosa TM, Powell-Wiley TM, Rothberg AE, Stephens M, **Streett SE**, Wild RA, Westman EA, Williams RJ, Wollins DS, Hudis CA. American Society of Clinical Oncology Summit on Addressing Obesity Through Multidisciplinary Provider Collaboration: Key Findings and Recommendations for Action. *Obesity (Silver Spring).* 2017 Nov;25 Suppl 2:S34-S39.

Acosta A, **Streett S**, Kroh MD, Cheskin LJ, Saunders KH, Kurian M, Schofield M, Barlow SE, Aronne. L. White Paper AGA: POWER - Practice Guide on Obesity and Weight Management, Education, and Resources. *Clin Gastroenterol Hepatol.* 2017 May;15(5):631-649.e10.

Brill JV, Ashmore JA, Brengman ML, Buffington DE, Feldshon SD, Friedman KE, Margolis PS, Markus D, Narramore L, Rastogi A, Starpoli AA, Stropole K, White JV, **Streett SE**. White Paper AGA: An Episode-of-Care Framework for the Management of Obesity-Moving Toward High Value, High Quality Care: A Report From the American Gastroenterological Association Institute Obesity Episode of Care and Bundle Initiative Work Group. *Clin Gastroenterol Hepatol.* 2017 May;15(5):650-664.e2.

Gerson L Twomey K, Hecht G, Lee L, McQuaid K, Pizarro TT, **Streett S**, Yoshida C, Early D. Does Gender Affect Career Satisfaction/Advancement in Gastroenterology? *Gastro* 2007; 132(4): 1598-1606  
**Streett S**. Endoscopic Colorectal Cancer Screening in Women: Can we do better? *GIE* 2007; 65(7): 1047-1049

#### *Book Chapters*

Cholankeril G, Li, A, **Streett S**. The Role of Gastroenterologists in the Management of Obesity. Yamada's Textbook of Gastroenterology, 2020

Perakayoil VJ, Fernandez-Becker N, **Streett S**. Palliative Care Medicine in Patients with Advanced Gastrointestinal and Hepatic Disease. Chapter 132, Sleisenger and Fordtran's Gastrointestinal and Liver Disease. 2020

**Streett S**, Azagury D. The Genetic and Microbial Influences in Obesity. *SAGES Manual of Bariatric Surgery*, 2018.

#### *Digital Publications*

**Streett S.**, Brill J. Top Ten New Year's Resolutions for Your Practice, [http://www.gastro.org/news\\_items/2016/1/5/top-new-year-s-resolutions-for-your-practice](http://www.gastro.org/news_items/2016/1/5/top-new-year-s-resolutions-for-your-practice)

**Streett S.** [http://www.gastro.org/news\\_items/2016/04/21/gis-need-to-put-on-our-oxygen-masks-first](http://www.gastro.org/news_items/2016/04/21/gis-need-to-put-on-our-oxygen-masks-first)

**Streett S.** Inside the AGA Practice Management and Economics Committee [http://www.gastro.org/news\\_items/2015/11/15/inside-the-aga-practice-management-and-economics-committee](http://www.gastro.org/news_items/2015/11/15/inside-the-aga-practice-management-and-economics-committee)

**Streett S.** Time is the Commodity. *AGA Practice Quarterly*, Oct 2014.

**Streett S.** Working for the Firm. *AGA Practice Quarterly*, July 2014.

**Streett S.** Our practices, ourselves: How do we establish a Personal Connection with our Patients?  
AGA Perspectives 2010; 6(4): 16

### **Abstracts**

Grant E Barber, MD; Sarah Streett MD. Cost Effectiveness Analysis of Therapeutic Drug Monitoring in Ulcerative Colitis Patients On Infliximab ( ). Oral Presentation. DDW 2023

Grant E. Barber, M.D; Chiyuan A. Zhang M.P.H.; **Sarah E. Streett, M.D.**; Michael L. Eisenberg, M.D. Paternal Exposure to Inflammatory Bowel Disease Medications and Neonatal Outcomes (3689197). Oral Presentation. IBD Care and Outcomes. (DDW) 2022

Grant E. Barber, M.D; Justin Zhuo, M.D; **Sarah Streett, M.D**; Philip Okafor, M.D; Outpatient Gastroenterology Follow-up Within 14 days of Hospital Discharge Reduces GI-specific Readmissions Among Patients Hospitalized With Acute Severe Ulcerative Colitis (3690573). Poster Presentation. IBD: Practice Management, Quality of Care, Quality Assurance DDW 2022

Rao A, **Streett S.** P009 Infrequent Counseling By Physicians On IBD And Reproductive Health Issues Reported By Patients In Conjunction With Low CcpKnow Knowledge Scores In An Educated Cohort. Issue 3, Supp, S8-S9, February 1, 2019

Chan J, Chua J, Hui, R, Yee J, Chen D, **Streett S.** Does Early Treatment with Anti-TNF Agents Result in Improved Clinical Outcomes In IBD? Poster, CA Society of Health System Pharmacists, Oct 2017

### **Webinars**

AGA Solutions for Successful Obesity Program Intervention.

<https://www.youtube.com/watch?v=vlojmvcl7M>

What Employment Model is Best for You?

[http://www.gastro.org/news\\_items/2015/3/5/what-employment-model-is-best-for-you](http://www.gastro.org/news_items/2015/3/5/what-employment-model-is-best-for-you)

## **FUNDING AND RESEARCH**

### **Investigator Initiated Studies**

- |                |   |
|----------------|---|
| 2019 – Present | Helmsley Foundation Award:<br>Investigating the Exposome in Crohn’s Disease<br>Role: Co-Investigator  |
| 2021 – Present | Stanford Maternal and Child Health Research Institute Clinician Educator Award:<br>Effect of Immunologic Therapies on Reproductive Health in Men with<br>Inflammatory Bowel Disease: The Stanford SIMBA Study<br>Role: PI |
| 2018 – 2021    | Rainin Foundation Synergy Award:<br>Precision medicine to enable personalized therapy in IBD using novel cytometric<br>and imaging technologies<br>Role: Co-Investigator  |
| 2020 – Present | Schneider Fund<br>The Semen in IBD Men on Biologics and Advanced Therapies Study  |

Role: Primary Investigator

2020 – Present Fluegel Fund  
Exploring Immunotypes and Therapeutic Responses in IBD using Organoid and Complimentary Technologies-Investigation into Pathogenesis of IBD in Humans

2018 – Present Goel and Schneider Funds  
Dynamics of Pregnancy-Associated Human Microbiome in IBD  
Role: Principal Investigator

2017 – 2019 Assessment of IBD and Reproductive Health Knowledge and Attitudes  
Role: Principal Investigator

2016 – Present Stanford Digestive Health Registry, Ballinger-Swindell Endowment  
Role: Co-Investigator

### ***Industry Trials***

2023 – Present Avobis Bio: Seeded Cells on Matrix Plug Treating Crohn’s Perianal Fistulas (STOMP-II)  
Role: Principal Investigator

2020 – 2022 Takeda Pharmaceuticals: Phase III Trial of Stem Cell Therapy for Refractory Crohn’s Perianal Fistula  
Role: Principal Investigator

2020 – 2021 Pfizer: A Phase 2a, Double-Blind, Randomized, Placebo-Controlled Study to Evaluate the Efficacy and Safety Oral Pf-06651600 And Pf-06700841 In Subjects with Moderate to Severe Crohn’s Disease  
Role: Principal Investigator

2017 – 2018 Atlantic Pharmaceuticals  
Atlantic Pouchitis Study  
Role: Principal Investigator

### **EDUCATIONAL ACTIVITIES**

#### ***Clinical Mentorship/Teaching***

2022- Present Director, Stanford Advanced IBD Fellowship  
2022 Co Course Director, American Gastroenterology Association Women in GI Course  
2021, 2022 IBD 101 Faculty, GI Fellow Course, American College of Gastroenterology  
2021 – Present Stanford Representative, Women in GI Educational Network

3/2020 CME Course Director, Stanford Symposium on IBD: Advances in Research and Practice

3/2019 CME Course Director, Stanford Symposium on IBD: Advances in Research and Practice

4/2020 IBD CME Symposia Planning/Speaker, Crohn’s and Colitis Foundation

2018 – Present Instructor, GI Fellowship Lecture Series

2018, 2020 Preceptor, Stanford Internal Medicine Residency  
2019, 2020 Instructor, Stanford Medical School GI Lab  
2018 – 2020 GI Fellowship IBD Curriculum Development  
2016 – Present GI Fellowship, IBD subspecialty clinic preceptor

### ***Research Mentorship***

2021 – Present Primary Mentor, Aurelia Fu, MD (GI Fellow)  
2020 – Present Primary Mentor, Grant Barber, MD (GI Fellow)  
2022 – Present Co-Mentor, Joshua Chan (Human Biology B.S. Candidate)  
2018 – 2020 Primary Mentor, Aarti Rao, MD (GI Fellow)  
2019 – 2021 Mentor, John Gubatan, MD, PhD (GI Fellow)  
2018 – 2020 Mentor, Steven Hendler, MD (GI Fellow)

### ***Clinical Mentorship***

2022-2023 Aurelia Fu, MD, (GI Fellow)  
Grant Barber, MD (GI Fellow)  
Chiazotam Ekekezie, MD (GI Fellow)  
2021-2022 Alexa Weingarten, MD, PHD (GI Fellow)  
Aaron Yoeh, MD (GI Fellow)  
Michael Wei, MD (GI Fellow)  
2020-2021 John Gubatan, MD (GI Fellow)  
Alexander Podboy, MD (GI Fellow)  
Branden Tarlow, MD, PhD (GI Fellow)  
2019-2020 Aarti Rao, MD (GI Fellow)  
George Cholankeril, MD (GI Fellow)  
2018-2019 Steven Hendler, MD (GI Fellow)  
Robert Lerrigo, MD (GI Fellow)  
2017-2018 Robert Jeffrey Huang, MD (GI Fellow)  
Tressia Hing, MD, (GI Fellow)  
2016-2017 Kirsten Regalia, MD (GI Fellow)

## **PRESENTATIONS**

### ***National***

5/2023 Barrier in IBD Care, Digestive Disease Week  
9/2020 CME GI & Hepatology Board Review, IBD, Stanford University School of Medicine  
1/2020 Keynote, State of the Art of IBD in 2020, University of Washington GI Symposium  
10/2019 Digestive Tract & It's Disruption in Crohn's Disease, Human Cell Atlas Project, Helmsley Foundation, New York City  
4/2019 The Pathophysiology of the GI Tract, The Human Cell Atlas Project, NYC  
5/2017 The Top Ten Big Ideas in Obesity, Digestive Disease Week, Chicago, IL.  
5/2016 AGA Plenary Session- Defining the Role of Gastroenterology in Obesity Management: (POWER)  
3/2016 A Continuum of Care for Obesity, AGA Tech Summit, Boston, MA  
10/2015 Early Biologic Therapy in IBD, AGA CME Symposium Scottsdale, AZ

### ***Regional***

2/2020 Intersection of IBD & Reproductive Health, Crohn's and Colitis CME IBD Updates, Sacramento, CA.

10/2019 Portraits of IBD in 2019, Gilead, Foster City, CA  
10/ 2019 Unmet needs in IBD, Surrozen, So. San Francisco, CA  
10/2018 JAK/STAT Signaling Pathway & its Role in Immune-mediated  
Inflammatory Disease Grand Rounds, St. Mary's Hospital, San Francisco, CA  
3/2017 Updates in IBD, Warriors Stadium, Oakland, CA on behalf of SHC

### ***Local***

4/2020 GI Fellowship Lecture, Redwood City, CA. IBD and Pregnancy  
3/2020 OBGYN Training Program, Palo Alto. The Intersection of IBD, Fertility,  
and Pregnancy  
11/2019 Medical Grand Rounds, Stanford University, Bench to Bedside, and Back  
9/2019 GI Board Review Course, Palo Alto, CA. Extraintestinal IBD Manifestations  
3/2019 Course Director and Speaker, Palo Alto, CA, Reproductive Health in IBD  
10/2018 Stanford GI Division, Stanford, CA. Do no Harm: Current data on  
Cannabis in IBD  
8/2018 One Medical Group, Palo Alto, CA. Current Trends in Treating IBD  
11/2017 GI Division Research Retreat, Portola Valley, CA. Initiatives in IBD  
4/2017 Stanford GI and Hepatology Symposium, Updates in IBD 2017  
9/2016 Stanford GI and Hepatology Symposium - Emerging Therapies in IBD

### **BOARD CERTIFICATION AND LISCENSURE**

1997, 2012 Board Certified, Gastroenterology  
Active California Medical License

### **RECOGNITION**

2018 Crohn's and Colitis Foundation Champion of Hope  
2017 Fellow, American Gastroenterology Association

### **REVIEWER**

#### ***Journal Peer Review***

Gastroenterology  
Clinical Gastroenterology and Hepatology  
Inflammatory Bowel Disease  
Digestive Diseases and Sciences  
JAMA Network  
Digestive Disease Week

#### ***Grant Reviewer***

The Rainin Foundation, 2019, 2020  
The Helmsley Foundation, 2019  
Stanford Maternal Child Health Research Institute, Pediatric IBD/Celiac Disease Research, 2021, 2022  
Sherman Prize Selection Committee, 2022

### **INDUSTRY CONSULTING AND ADVISING**

Pfizer  
Janssen Pharmaceuticals

Takeda Pharmaceuticals  
Gilead Pharmaceuticals  
Bristol Myers Squibb  
Prometheus Laboratories  
Surrozen

**INTERESTS AND ACTIVITIES**

Sailing, Creative Writing, Bee Keeping, Astrology