

Michael Docherty, M.D.

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Professional Experience

Clinical Professor, Gastroenterology

7/2023 – present

UC San Diego Health

- Leads team of Gastroenterology fellows and internal medicine residents treating complex inpatients at nationally recognized quaternary care medical center
- Collaborates with Transformational Healthcare department to revamp health maintenance reporting and improve utilization of colon cancer screening

Associate Professor, Gastroenterology

7/2012 – 6/2023

UC San Diego Health

- Developed academic clinical practice drawing referrals from multiple hospital systems throughout Southern California
- Performed numerous endoscopic procedures while maintaining a high-quality adenoma detection rate
- Collaborated with multispecialty team to redesign Health Sciences guidelines for the use of feeding tubes
- Created endoscopic training video for teaching principles of endoscopy to Gastroenterology trainees

Assistant Professor, Gastroenterology

7/2006 – 6/2012

UC San Diego Health

- Provided diagnostic and therapeutic care for wide range of patients in busy outpatient referral clinic and endoscopy center
- Served as site Principal Investigator for Inflammatory Bowel Disease research into patient reported outcomes, as well as long-term safety and efficacy of biologic therapies
- Collaborated with researchers by providing biopsies for research on epithelial barrier function and mucosal ion transfer response

Clinical Instructor, Gastroenterology

7/2005 – 6/2006

UC San Diego Health

- Established endoscopic and outpatient clinical Gastroenterology practice
- Lectured medical students on pathophysiology and treatment of core gastroenterological disease processes

Postgraduate Training

Gastroenterology Fellowship

7/2002 – 6/2005

University of California San Diego

- Managed demanding inpatient Gastroenterology and Hepatology service requiring coordination of care between residents, supervising attendings, and consulting physicians
- Supervised and educated medical residents on the treatment of gastroenterological disorders such as acute intestinal bleeding and end-stage cirrhosis
- Planned experimental design and conducted research on the role of CD4+ helper T-cells in colitis at La Jolla Institute for Allergy & Immunology

Internal Medicine Internship and Residency

7/1999 – 6/2002

University of California San Diego

- Ran Internal Medicine team treating complicated patients in fast-paced inpatient service at quaternary care hospital
- Trained junior residents to perform difficult procedures under high stress situations

Education

SUNY at Buffalo School of Medicine (M.D.)

1995 – 1999

Cornell University (B.S.)

1991 – 1995

Certification and Licensure

ABIM Gastroenterology Certification

2005 – present

Licensed by Medical Board of California

2001 – present

Honors and Awards

Top 50 Partners in Progress: Crohn's and Colitis Foundation of America
50th Anniversary Celebration

2017

Health Hero Honoree: San Diego Combined Health Agencies

2011

Heroes with Heart Honoree: Crohn's and Colitis Foundation of America
8th Annual Awards Dinner

2007

AGA-Abbott Immunology Investing in the Future Award

2005

Teaching Activities

Medical Student GI Physical Exam Instructor	2018 – 2023
Core Curriculum Series Lecturer	2007 – 2023
From Principles to Practice Medical Student Lecturer (MED 410)	2010 – 2018
Organ Physiology Small Group Facilitator (SOM 206)	2007 – 2010

University Committees

Faculty Rights and Welfare Committee	2021 – present
<ul style="list-style-type: none">• Investigated gender and racial inequity in academic and leadership positions at UCSD, and presented strategies to remedy• Implemented new system of divisional wellness directors to improve mental welfare of Health Sciences Faculty	
Patient Safety Committee	2021 – present
<ul style="list-style-type: none">• Collaborated on novel program integrating the patient experience into investigation and reporting of adverse events• Changed hospital policy on reporting critical results to reduce errors in communication	
Utilization Review Committee	2021 – present
<ul style="list-style-type: none">• Implemented new dedicated physician role to reduce unnecessary admissions and discharge delays• Instituted changes to insurance requests to reduce denials and improve reimbursement times	
Medicine Peer Review Committee	2013 –2018
<ul style="list-style-type: none">• Investigated all adverse outcomes involving the Department of Medicine and determined physicians' responsibilities• Gave recommendations to Health System's Quality Council for implementing institutional changes to prevent future errors	

Publications

1. Park YS, Kang SB, Marchelletta RR, Penrose HM, Ruitter-Visser R, Jung B, **Docherty MJ**, Boland BS, Sandborn WJ, McCole DF. The CIC-2 Chloride Channel Activator, Lubiprostone, Improves Intestinal Barrier Function in Biopsies from Crohn's Disease but Not Ulcerative Colitis Patients. *Pharmaceutics*. 2023; 15(3):811.
2. Ahmad W, Meserve J, Rubin J, **Docherty MJ**, Kalmaz D. Effectiveness of virtual reality distraction on patients undergoing screening colonoscopy: a single institution non-

randomized experimental study [poster presentation]. Digestive Disease Week 2022; San Diego, CA

3. King SJ, Bunz M, Chappell A, Scharl M, **Docherty MJ**, Jung B, Lytle C, and McCole DF. AMPK mediates inhibition of electrolyte transport and NKCC1 activity by reactive oxygen species. *Am J Physiol Gastrointest Liver Physiol*. 2019 Aug 1;317(2):G171-G181.
4. Kang SB, Marchelletta RR, Penrose H, **Docherty MJ**, McCole DF. A comparison of linaclotide and lubiprostone dosing regimens on ion transport responses in human colonic mucosa. *Pharmacol Res Perspect*. 2015 Mar;3(2).
5. McLemore EC, Leland H, Devaraj B, Pola S, **Docherty MJ**, Patel DR, Levesque BG, Sandborn WJ, Talamini MA, Ramamoorthy SL. Transanal Endoscopic Surgical Proctectomy for Proctitis Case Series Report: Diversion, Radiation, Ulcerative Colitis, and Crohn's Disease. *Global Journal of Gastroenterology & Hepatology*, 2013, 1, 41-47.
6. Mucida D, Husain MM, Muroi S, van Wijk F, Shinnakasu R, Naoe Y, Reis BS, Huang Y, Lambomez F, **Docherty M**, Attinger A, Shui JW, Kim G, Lena CJ, Sakaguchi S, Miyamoto C, Wang P, Atarashi K, Park Y, Nakayama T, Honda K, Ellmeier W, Kronenberg M, Taniuchi I, Cheroutre H. Transcriptional reprogramming of mature CD4⁺ helper T cells generates distinct MHC class II-restricted cytotoxic T lymphocytes. *Nat Immunol*. 2013 Mar;14(3):281-9.
7. Pola S, Patel D, Ramamoorthy S, McLemore E, Fahmy M, Rivera-Nieves J, Chang JT, Evans E, **Docherty M**, Talamini M, Sandborn WJ. Strategies for the care of adults hospitalized for active ulcerative colitis. *Clin Gastroenterol Hepatol*. 2012 Dec;10(12):1315-1325.
8. **Docherty MJ**, Jones III RCW, Wallace MS. Managing Pain in IBD. *Gastroenterol Hepatol*. 2011 Sept;7(9):592-601.
9. Cohen B, **Docherty MJ**. Combination Therapy for Crohn's Disease: A Survey of Physician Practice Patterns [abstract]. ACG Annual Scientific Meeting; 2011 Oct 28-Nov 2; Washington, DC
10. **Docherty M**. Elevated serotonin associated with collagenous colitis. *Am J Gastroenterol*. 2010;105(6):1449.
11. Scharl M, Paul G, Weber A, Jung BC, **Docherty MJ**, Hausmann M, et al. Protection of epithelial barrier function by the Crohn's disease associated gene protein tyrosine phosphatase n2. *Gastroenterology*. 2009 ;137(6):2030-2040.e5.