

# Curriculum Vitae

**Hemant Shah**  
**B. ArtsSc MD MScCH HPTE FRCPC**

## Biographical Information

Primary Office 200 Elizabeth Street, Eaton North, 9th Floor, Room 220  
Toronto General Hospital  
Toronto, Ontario, Canada  
M5G 2C4  
Telephone 416-340-4946  
Fax 416-340-3644  
Email hemant.shah@uhn.ca

## 1. EDUCATION

### Degrees

2010 Jan - 2012 Mar MScCH HPTE, Community Health, Health Practitioner Teacher Education, Dalla Lana School of Public Health, University of Toronto, Toronto, Ontario, Canada  
1999 Sep - 2003 Jun MD, Medicine, Faculty of, University of Toronto, Toronto, Ontario, Canada  
1996 Sep - 1999 Jun B. Arts Sc. Faculty of Arts and Science, McMaster University, Hamilton, Ontario, Canada

### Postgraduate, Research and Specialty Training

2006 Jul 1 - 2008 Jun 30 Gastroenterology Resident, Gastroenterology, University of Toronto, Toronto, Ontario, Canada  
2003 Jul 1 - 2006 Jun Internal Medicine Resident, Internal Medicine, University of Toronto, Toronto, Ontario, Canada

### Qualifications, Certifications and Licenses

2008 Fellow (FRCPC), Internal Medicine and Gastroenterology, Royal College of Physicians and Surgeons of Canada  
2005 Licentiate, Medical Council of Canada

## 2. EMPLOYMENT

### Current Appointments

2014 Jul 1 - present Clinical Director, Francis Family Liver Clinic, University Health Network, Toronto, Ontario, Canada  
- Oversee daily operation of clinical program that services 19,000 patient visits per year.  
- Participate in strategic planning for liver program.  
2011 Jul 1 - present Staff Gastroenterologist and Hepatologist, Gastroenterology, Department of Medicine, University of Toronto, University Health Network, Toronto, Ontario, Canada  
2011 Jul 1 - present Assistant Professor, Department of Medicine, Medicine, Faculty of, University of Toronto, Toronto, Ontario, Canada

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## Previous Appointments

### HOSPITAL

2008 Jul 1 - 2011 Jun 30 Clinical Associate, Gastroenterology and Hepatology, Gastroenterology, Department of Medicine, Toronto Western Hospital, Toronto, Ontario, Canada

### UNIVERSITY - RANK

2008 Jul 1 - 2011 Jun 30 Lecturer, Medicine, Faculty of Medicine, University of Toronto, Toronto, Ontario, Canada

## 3. HONOURS AND CAREER AWARDS

### Teaching and Education Awards

#### LOCAL

##### Nominated

2014 May **Wightman-Berris Teaching Award**, General Internal Medicine, Dept of Medicine, Faculty of Medicine, Wightman-Berris Academy, University of Toronto. (Postgraduate MD, Core Program)

2012 Jun - 2013 Jun **Dr. Louis Cole Award for Educational Excellence by a Faculty Member**, Gastroenterology, Dept of Medicine, Faculty of Medicine, University of Toronto. (Specialty: Gastroenterology)

2007 **Dr. Louis Cole Resident Teaching Award Nominee, Division of Gastroenterology**, Dept of Medicine, Faculty of Medicine, University of Toronto

### Student/Trainee Awards

#### NATIONAL

##### Received

2015 - 2016 **Hepatology Fellowship Award**, Hepatology, Primary Supervisor, Program Director, Awardee Name: Dr. Karli Moncrief. Canadian Association for the Study of Liver, Canada  
*Total Amount: 60,000 CAD*

2014 - 2015 **Hepatology Fellowship Award**, Hepatology, Primary Supervisor, Program Director, Awardee Name: Dr. Suraj Sharma. Canadian Association for the Study of Liver, Canada  
*Total Amount: 60,000 CAD*

#### PROVINCIAL / REGIONAL

##### Received

2012 May **Sheila Sherlock Research Day, Best Presentation**, Hepatology, Research Supervisor, Awardee Name: Tanvi Aggarwal. University of Toronto, Toronto, Ontario, Canada  
*Best Presentation by a Medical Student.*

#### 4. PROFESSIONAL AFFILIATIONS AND ACTIVITIES

##### Professional Associations

2012 - present	Canadian Association for the Study of Liver
2009 - present	Canadian Association for Medical Education
2009 - present	Canadian Association of Gastroenterology
2009 - present	European Association for the Study of Liver Diseases
2008 - present	American Association for the Study of Liver Diseases
2007 - present	Royal College of Physicians and Surgeons of Canada
2006 - present	Ontario Association of Gastroenterology

##### Administrative Activities

###### INTERNATIONAL

###### Other Organizations

**Chair**, International Education Program Director, Faculty of Medicine, Dept. of Medicine, Gastroenterology, Postgraduate MD

###### University of Toronto

2012 May 25 - 2012 May 26 **Chair**, Hepatitis C International Preceptorship

- *Developed a 2-day program to develop the skills of novice Hepatitis C treaters in the era of evolving treatment paradigms*
- *Partnered with Merck Global to invite 5 physicians from South America (Chile, Venezuela, Brazil) to attend U of T Hepatology Update followed by a 1-day workshop on treating Hepatitis C*
- *Very well received with high ratings on post-workshop evaluation.*

###### NATIONAL

###### CAG/CASL/CDDW

2014 **Member**, CDDW Core Implementation Committee, Multilevel Education, Canada.

###### Canadian Association for the Study of Liver

2014 Feb **Member**, National Education Committee, Faculty Development, Canada.

- *Nominated and invited to sit on education committee of National Liver Organization (one of 6 members)*
- *Design and implement national education strategy for Hepatology*
- *Plan, design, implement and evaluate programming for annual national meeting*
- *Assess, and select fellowship award recipients across Canada.*

###### Canadian Liver Foundation

2014 Oct - present **Member**, National Education Advisory Committee, Canada.

2010 - 2012 **Member**, National Task Force on Viral Hepatitis

- *Steering committee for initial development of a report on viral hepatitis in Canada.*

2010 **Toronto Spokesperson**, Canadian Liver Foundation National Media Campaign

- *Provided interviews (print, radio) on Hepatitis B and C in Canada*
- *Campaign reached 4.4 million readers, 3.3 million TV viewers, 790000 radio listeners.*

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PROVINCIAL / REGIONAL

Ontario Association of Gastroenterology

2014 - present                    **Executive**, Secretary, Executive Committee  
*Focus on advocacy, policy analysis, education and quality within gastroenterology at provincial level.*

Province of Ontario

2011 - present                    **Program Lead**, Hepatitis C Preceptorship for Nurses and Physicians, Ontario, Canada.  
*-Led the development and implementation of full-day Hepatitis C workshops for novice treaters in Ontario (nurses and physicians)*  
*-Approximately 30 attendees during the academic year*  
*-Measured knowledge and behaviour outcomes of workshops and reported findings to MOHLTC.*

2011 - present                    **Program Lead**, Telemedicine-based Hepatitis C Treatment Resource Network (HEPCNET)  
*- Development of a resource network to provide support to nurses and physicians treating Hepatitis C in Ontario based out of Toronto Western Hospital Liver Clinic*  
*- Involves needs assessment, data collection and ongoing quality improvement.*

VIRCAN

2016 Jan - present                Education Director

LOCAL

Department of Medicine

2016 Nov - present                Economic Committee Representative

Francis Family Liver Clinic

2013 Aug 1 - present             **Director**, Clinical Director, Toronto, Ontario, Canada.  
*Responsible for overseeing the clinical activities, procedures, and interaction with outside agencies for the Toronto General Hospital Liver Clinic. Negotiated funding agreements with various organizations including within and outside of hospital.*

Toronto Western Hospital Liver Clinic

2011 Aug - 2016 Jun             **Director**, Education Director, Toronto, Ontario, Canada.  
*Responsible for educational administration and goal setting for Toronto Western Hospital Liver Clinic.*

University Health Network

2012 - present                    **Chair**, Hepatology Update Planning Committee, Toronto General Hospital Liver Centre, Faculty of Medicine, Dept. of Medicine, Gastroenterology, Continuing Education, Ontario, Canada.  
*- Chairperson responsible for program design, faculty recruitment, logistics, evaluation and finances for annual event attended by over 200 inter-professional Hepatology practitioners*  
*-Premiere Hepatology CPD activity at University of Toronto.*

University of Toronto

2009 - present                    **Program Director**, Hepatology Fellowship, Toronto Western Hospital Liver Centre, University Health Network, Faculty of Medicine, Postgraduate MD

- Average of 3-4 national and international clinical/ research fellows annually
- Responsible for obtaining funding, evaluating applicants, program administration, liaising with divisional postgraduate director, fellows' educational goal setting, mentoring fellows, evaluating fellows
- Ongoing quality improvement of fellowship.

2013 Nov

- Co-Chair**, In-Training Examination, Faculty of Medicine, Dept. of Medicine, Gastroenterology, Postgraduate MD, Toronto, Ontario, Canada.
- Appointed as co-chair of the GI residency in-training examination
  - Responsible for designing, administering, and marking one written exam and one OSCE exam annually
  - Provide feedback to GI trainees
  - Liaise with education committee regarding performance of trainees on examinations.

2013 Oct

- Coordinator**, International Gastroenterology Fellowship, University Health Network, Faculty of Medicine, Dept. of Medicine, Gastroenterology, Postgraduate MD, Toronto, Ontario, Canada.
- Invited to develop, plan and implement an international fellowship for the GI division at University Health Network
  - Work with both hospital and university bodies for fellows accreditation
  - Have developed two streams of fellowship: clinical and research/observer.

## Other Research and Professional Activities

### RESEARCH PROJECT

2013 Jul 1 - present

- Co-Investigator**. Creation of a family medicine clinical flow sheet for the long-term care of patients living with untreated hepatitis C. University of Toronto, Toronto, Ontario, Canada. Collaborator(s): Dr. Leah Steele Family Medicine (PI), Dr. Zoe Van-Aesch (Family Medicine, Co-I).
- Consensus building (modified Delphi) project to develop a clinical flow sheet that can be used widely in family practice for hepatitis C monitoring
- Status: Manuscript under review.

2012 Mar - present

- Principal Investigator**. The Impact of Personalized Physician Audits for Hepatitis B on Physician Knowledge, Attitudes and Behaviour. Canada. Collaborator(s): Jean Palmart, Physicians Advisory Inc.
- Status: Manuscript in Preparation.

2012 Dec - 2014

- Co-Investigator**. Validation of a Checklist for the Objective Examination of Residents in Simulated Therapeutic Paracentesis. University of Toronto. Collaborator(s): Dr. Shawn Leong, Dr. Rodrigo Cavalcanti.
- Status: Complete.

## Publications

### 1. PEER-REVIEWED PUBLICATIONS

#### Journal Articles

1. Nevens F, Andreone P, Mazzella G, Strasser SI, Bowlus C, Invernizzi P, Drenth JP, Pockros PJ, Regula J, Beuers U, Trauner M, Jones DE, Floreani A, Hohenester S, Luketic V, Shiffman M, van Erpecum KJ, Vargas V, Vincent C, Hirschfield GM, **Shah H**, Hansen B, Lindor KD, Marschall HU, Kowdley KV, Hooshmand-Rad R, Marmon T, Sheeron S, Pencek R, MacConell L, Pruzanski M and Shapiro D. A Placebo-Controlled Trial of Obeticholic Acid in Primary Biliary Cholangitis. N Engl J Med. 2016 Aug 18. 2016 Aug 18; 375(7):631-43. doi: 10.1056/NEJMoa1509840.  
**Coauthor or Collaborator.**

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2. Abu-Amara M, Cerocchi O, Malhi G, Sharma S, Yim C, **Shah H**, Wong DK, Janssen HL and Feld JJ. The applicability of hepatocellular carcinoma risk prediction scores in a North American patient population with chronic hepatitis B infection. *Gut*. 2016 Aug. 2016 Aug; 65(8):1347-58. doi: 10.1136/gutjnl-2014-309099. Epub 2015 Apr 30. **Coauthor or Collaborator**.
3. Zoe Von Aesch, Leah Steele, **Hemant Shah**. Primary care flow sheet for hepatitis C virus: Tool for improved monitoring. *Canadian Family Physician*. 2016; 62(7):e384-e392. **Co-Principal Author**.
4. Shaffer S, Brahmania M and **Shah H**. A Curious Case of Iron-Deficiency Anemia. *Can J Gastroenterol Hepatol*. 2016. 2016; 2016:8954308. doi: 10.1155/2016/8954308. Epub 2016 Apr 3. **Co-Principal Author**.
5. Sheehan K, Sockalingam S, Feld JJ and **Shah HA**. Psychiatric Care During Hepatitis C Treatment: The Changing Role of Psychiatrists in the Era of Direct Acting Antivirals. *American Journal of Psychiatry*. 2015 Jun; 172(6):512-6. Impact Factor 14.4. **Co-Principal Author**.
6. Abu-Amara M, Cerocchi O, Malhi G, Sharma S, Yim C, **Shah H**, Wong DK, Janssen HL, Feld JJ. The applicability of hepatocellular carcinoma risk prediction scores in a North American patient population with chronic hepatitis B infection. *Gut*. 2015 Apr 30. Available from: <http://gut.bmj.com/content/early/2015/04/30/gutjnl-2014-309099.long>. Impact Factor 14.66. **Coauthor or Collaborator**.
7. Trivedi PJ, Bruns T, Cheung A, Li KK, Kittler C, Kumagi T, **Shah H**, Corbett C, Al-Harthy N, Acarsu U, Coltescu C3 Tripathi D, Stallmach A, Neuberger J, Janssen HL, Hirschfield GM. Optimising risk stratification in primary biliary cirrhosis: AST/platelet ratio index predicts outcome independent of ursodeoxycholic acid response. *Journal of Hepatology*. 2014 Jun; 60(6):1249-58. Impact Factor 11.3. **Coauthor or Collaborator**.
8. **Shah HA**, Heathcote EJ and Feld JJ. A Canadian Screening Program for Hepatitis C: Is Now the Time? *Canadian Medical Association Journal*. 2013 Oct 15; 185(15):1325-1328. Impact Factor 6.5. **Principal Author**.
9. **Shah HA** and Abu-Amara M. Education provides significant benefits to patients with hepatitis B virus or hepatitis C virus infection: a systematic review. *Clinical Gastroenterology and Hepatology*. 2013 Aug; 11(8):922-33. Impact Factor 6.648 (Trainee publication). **Principal Author**.
10. Patanwala I, McMeekin P, Walters R, Mells G, Alexander G, Newton J, **Shah H**, Coltescu C, Hirschfield GM, Hudson M, Jones D. A validated clinical tool for the prediction of varices in PBC: The Newcastle Varices in PBC Score. *Journal of Hepatology*. 2013 Aug; 59(2):327-35. Impact Factor 8.897. **Coauthor or Collaborator**.
11. Li D, Tang T, Patterson M, Ho M, Heathcote EJ and **Shah HA**. The Impact of Hepatitis B Knowledge and Stigma on Screening in Canadian Chinese Persons. *Canadian Journal of Gastroenterology*. 2012 Sep; 26(9):597-602. Impact Factor 1.5 (Trainee publication). **Senior Responsible Author**.
12. Sam JJ, Heathcote EJ, Wong DK, Wooster DL and **Shah HA**. Hepatitis B Learning Needs Assessment of Family Medicine Residents: Results of a Nationwide Survey. *Canadian Journal of Gastroenterology*. 2011 Mar; 25(3):127-134. Impact Factor 1.5 (Trainee publication). **Senior Responsible Author**.
13. Ko HH and **Shah HA**. Hepatitis C Update: Understanding Treatment Responses. *Infectious Diseases Rounds*. 2010 May;5(3) (Trainee publication). **Senior Responsible Author**.
14. **Shah HA**, Paszat LF, Saskin R, Stukel TA and Rabeneck L. Factors Associated With Incomplete Colonoscopy: A Population-Based Study. *Gastroenterology*. 2007 Jun; 132(7):2297-2303. Impact Factor 12.835. **Principal Author**.
15. **Shah HA**, Paszat LF, Saskin R, Stukel TA and Rabeneck L. CME Exam 1: Factors Associated with Incomplete Colonoscopy: A Population-Based Study. *Gastroenterology*. 2007; 132:2577-2578. Impact Factor 12.835. **Principal Author**.
16. **Shah HA**. For the Voyeur within Us: Book Review. *University of Toronto Medical Journal*. 2001; 78(2):169.
17. Quereshy FA and **Shah HA**. Law and Ethics in Medicine: Informed Consent in the Clinical Setting. *University of Toronto Medical Journal*. 2000; 77(2):133-136.

## Case Reports

1. Lim LY, La D, Cserti-Gazdewich CM, **Shah H**. Lymphoma Remission by Interferon-Free HCV Eradication Without Chemotherapy. (Canada): ACG Case Reports Journal; 2015 Oct. 2015 Oct 9;3(1):69-70. (Trainee publication). **Senior Responsible Author**.
2. Lay Lay Win, Jeff Powis, **Hemant Shah**, Jordan J. Feld, and David K. Wong. Death from Liver Failure despite Lamivudine Prophylaxis during R-CHOP Chemotherapy due to Rapid Emergence M204 Mutations. Case Reports in Hepatology; 2013. 5 p. Volume 2013, Article ID 454897. Available from: <http://dx.doi.org/10.1155/2013/454897>. **Coauthor or Collaborator**.

## Book Chapters

1. Dr. **Hemant Shah** and Dr. Eve Roberts. Chapter 12, Acute Viral Hepatitis in Adults and Children: Hepatitis A, B, C, D, E and Others. In: E. Jenny Heathcote, editor(s). Hepatology: Diagnosis and Clinical Management. Wiley; 2012. p. 142-161. **Principal Author**.
2. Dr. **Hemant Shah** and Dr. Eve Roberts. Chapter 22, Approach to Metabolic and Storage Diseases. In: E. Jenny Heathcote, editor(s). Hepatology: Diagnosis and Clinical Management. Wiley; 2012. p. 329-351. **Principal Author**.

## Multimedia

1. Dr. Jordan Feld and **Dr.Hemant Shah**. Management of Hepatitis C Infection. Clinical Care Options Hepatology in Practice (Online). 2012 December, Update 2013 December. Website Description: Clinical Care Options (CCO) creates innovative, interactive continuing medical education programs that anticipate and meet the needs of healthcare professionals. CCO's expertise in CME, technology solutions, and clinical knowledge allows it to rapidly deliver the highest quality content simultaneously online, in print, and at live meetings, in the service of improving patient care. **Co-Principal Author**.

## Clinical Care Guidelines

1. Myers RP, **Shah H**, Burak KW, Cooper C, Feld JJ. An update on the management of chronic hepatitis C: 2015 Consensus guidelines from the Canadian Association for the Study of the Liver. (Canada): Canadian Journal of Gastroenterology and Hepatology; 2015 Jan. 2015 Jan-Feb;29(1):19-34. Impact Factor 2. **Co-Principal Author**.

## CME Module

1. Liver Enzymes: Handling Abnormal Results. Published by The Foundation for Medical Practice (McMaster University). Distributed to 5,000 subscribing physicians for accredited CME activity. Educational Module. 2013 Nov. Vol. 21(13), November 2013. **Specialist Reviewer**.

## 2. NON-PEER-REVIEWED PUBLICATIONS

### Books

1. Shah HA et al, editor(s). University of Toronto Wellness Resource Guide. 1st Edition. 2001.

### Book Chapters

1. **Shah HA** and Keays T. Nephrology Chapter. In: P. Lala and A. Waddell, editor(s). MCCQE Review Notes 2003. Toronto: Toronto Notes Medical Publishing Inc.; 2003.

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## Commentaries

1. Bellingham and Shah. An interview with Dr. Hemant Shah on the importance of effective communication with patients and communication styles in hepatitis C care. New Evidence Virology. 2014 Mar. **Co-Principal Author**.

## Online Resources

1. Investigating the Impact of Hepatitis C. Univadis.com; 2013 Jul. - Series of 4 interviews for family MDs announced via email to 16,000 individual practitioners. **Webcast Speaker**.

## Multimedia Materials (Brochure, Comic Strip, Smartphone App, Website)

1. Blood 2 Blood: Don't Share A Bloody Thing. 2013. A project to increase awareness amongst the public about Hepatitis C. **Acknowledged for Role as Medical Advisor**.

## Presentations and Special Lectures

### 1. INTERNATIONAL

#### Invited Lectures and Presentations

- 2016 Jun 23 **Invited Lecturer**. Fundamental HCV management skills for addictions treaters: live patient journey interactive role play. Improving Outcomes for the Treatment of Opioid Dependence. Bristol, City of, United Kingdom.
- 2015 May 13 GI OSCE.
- 2014 May 3 **Invited Speaker**. Liver Disease. Community Academic Resident Education (CARE). Chicago, Illinois, United States. Summary talk of important liver data at DDW and other meetings.
- 2013 Oct 30 **Session Chair**. Jenny Heathcote Symposium. Toronto, Ontario, Canada. Presenter(s): Chair of first session of day featuring International faculty in Hepatology.
- 2012 May 26 **Presenter**. International Hepatitis C Workshop. Presenter(s): **Dr. Hemant Shah**, Dr. David Wong, Dr. Sanjeev Sockalingam, Ms. Magdalena Kuczynski, Ms. Danie La. - Organized and led a workshop on Hepatitis C therapy requiring the development and presentation of several short talks.

#### Presented Abstracts

- 2012 Tenofovir monotherapy is effective salvage therapy of nucleoside-resistant hepatitis B. AASLD 2012. Presenter(s): Jeffrey So; Lay Lay Win; Nitin Sarin; Colina Yim; **Hemant Shah**; Jordan J. Feld ; E. Jenny Heathcote; David K. Wong.
- 2012 Death from liver failure despite Lamivudine prophylaxis during R-CHOP chemotherapy due to rapid emergence M204 mutations. AASLD 2012. Presenter(s): Lay Lay Win; Jeff Powis; **Hemant Shah**; Jordan J. Feld; David K. Wong. (Trainee Presentation).

### 2. NATIONAL

#### Invited Lectures and Presentations

- 2016 Feb 28 **Invited Speaker**. Ultrashort Therapy for Hepatitis C. Canadian Digestive Disease Week. Canada.

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- 2016 Feb 27 **Chair.** CASL Paper Session. Canadian Digestive Disease Week. Canada.
- 2016 Feb 27 **Lecturer.** CAG Basic Science and CanMEDS Lecture Series 2015-2016. Canadian Association of Gastroenterology Education Committee. Toronto, Ontario, Canada.  
- Perioperative Risk Management in Cirrhotic Patients.
- 2016 Feb 26 **Invited Lecturer.** Charging the Frontlines: Real World Challenges with the new Hepatitis C therapy. Canadian Digestive Disease Week. Canada.
- 2014 Jun 6 **Invited Lecturer.** Managing the Treatment Experienced Hepatitis C Patient in a New Era. Alberta Digestive Diseases Summit. Alberta, Canada.
- 2014 Feb 10 **Invited Speaker.** Hepatitis C: Treat Now or Defer - The Great Debate. Canadian Association for the Study of Liver. Toronto, Ontario, Canada. Presenter(s): **Dr. Hemant Shah**, Dr. Stephen Shafran. - Live lunchtime theatre debate with Dr. Shafran (Edmonton) at annual Canadian GI/Liver meeting to be archived and available as a webcast (Peervoice).
- 2014 Feb 6 **Invited Speaker.** Hepatitis C in Canada: Changing Landscape. CATIE. Toronto, Ontario, Canada. - Invited to speak to a national group about Hepatitis C.
- 2014 Jan 25 **Chair.** Leadership, Education, Advancing Practice: Consensus Building for Hepatitis C in Canada. Gilead Sciences Canada. Vancouver, British Columbia, Canada. - Chair of an education meeting of Canada's hepatologists nationally with a focus on understanding new treatments for Hepatitis C.
- 2014 Jan 21 **Invited Speaker.** The Changing Landscape of Hepatitis C. Canadian Society of Hospital Pharmacists. Toronto, Ontario, Canada. Presenter(s): **Dr. Hemant Shah**.
- 2013 Oct 3 **Invited Speaker.** Viral Hepatitis: What the Internist Needs to Know. Canadian Society of Internal Medicine. Toronto, Ontario, Canada. Invited to lead two sessions of a workshop, each with 40 attendees at the annual National meeting of the society.
- 2013 Jun 14 **Invited Speaker.** Fatty Liver: What the Surgeon Needs to Know. Canadian Association of Bariatric Physicians and Surgeons. Toronto, Ontario, Canada. Presenter(s): **Shah, Hemant**. - Invited speaker at national conference to talk about medical issues regarding fatty liver for individuals receiving bariatric surgery.
- 2012 Nov **Presenter.** Common Liver Diseases and Your Busy Family Practice. Family Medicine Forum, The College of Family Physicians of Canada. Canada. Presenter(s): **Dr. Hemant Shah**. - Developed, proposed and was awarded a 2 hour workshop at the premiere national meeting of family physicians in Canada  
- Workshop attended by 450 delegates.
- 2012 Feb **Invited Speaker.** Models of Care and Patient Education. Canadian Association of Hepatology Nurses. Montreal, Quebec, Canada. - 1.5 hour interactive workshop on patient education techniques.

## Presented Abstracts

- 2014 Nov 6 **Presenter.** A Practice Audit Can Improve Primary Care Provider Knowledge, Attitudes and Behaviours Towards Chronic Hepatitis B: Results of a Nationwide Study. Family Medicine Forum. Quebec, Canada. Oral paper presentation.
- 2009 Kernicterus in An Adult with Crigler-Nijjar Syndrome Type 2 Treated with Plasma Exchange. CDDW 2009. Patel H, Wong DK and **Shah HA**. (Poster Presentation).
- 2008 Certolizumab Pegol does not induce decreased cardiac function when used in Crohn's patients with a history of Infliximab-induced decreased cardiac output: 2 case reports. CDDW 2008. **Shah HA** and Wolman S. (Poster Presentation).
- 2007 Factors Associated with Incomplete Colonoscopy: A Population-Based Study. CDDW 2007. **Shah HA**, Paszat LF, Saskin R, Stukel TA, Rabeneck L. (Poster Presentation).

## Media Appearances

- 2016 Oct 17 **Invited Speaker.** Hepatitis C. Interviewer: Harpreet Bajaj. Health Talk, Punjabi Language Channel. Canada.
- 2014 Feb 8 **Interviewee.** Hepatitis C. Interviewer: Mark Ashdown. Canada. Deal with It - The Untold Story of Hepatitis C.
- 2013 Sep 30 **Speaker.** CMAJ Paper on Hepatitis C Screening. Interviewer: Multiple. Canada. - Interview by Canadian Press and Toronto Star picked up by over 100 media outlets nationally and internationally about CMAJ paper. End date: 2013 Oct 23.
- 2013 Mar 26 **Interviewee.** Hepatitis C: Many infections, few diagnoses. Interviewer: Deirdre Maclean. Medical Post. Canada. - Interviewed for newspaper article.

## GI Residents Symposium

- 2015 Sep 18 GI Residents Symposium. Toronto, Ontario, Canada.

## Teaching and Design

### 1. INNOVATIONS AND DEVELOPMENT IN TEACHING AND EDUCATION

- 2015 Jan - present Chairperson and Founder, 1st National Symposium in Hepatology for GI Residents, Postgraduate MD, Faculty of Medicine, Dept. of Medicine  
- Founder of the first annual conference for GI residents in Hepatology, a weekend conference in Toronto featuring Canadian Hepatology faculty utilizing innovative education models to develop interest in liver disease.  
- Responsible for fundraising, program design, implementation and evaluation.  
- Attended by ~40 GI residents and 15 faculty in Sept 2015.
- 2015 - present Co-Chair, IBD/Liver Meeting, Continuing Education, Ontario Association of Gastroenterology  
- Contributed to curriculum development, speaker recruitment, conference organization and evaluation  
- Conference attended by ~80 Ontario gastroenterologists.
- 2011 Oct 29 - present Hepatitis C Training Day for Physicians, Continuing Education, Faculty of Medicine, Toronto Western Hospital Liver Clinic  
- Developed and implemented a 1-day training seminar for practicing physicians (held on a weekend at Toronto Western Hospital) to increase competencies around Hepatitis C treatment.  
- Held once a year from 2011-2013 and then twice a year  
- Designed curriculum based on pre-workshop needs assessment, led the administrative effort to recruit participants, produced the content for the workshop, and created post-workshop evaluations (knowledge and behaviours).  
- Co-facilitators: Dr. David Wong, Ms. Magdalena Kuczynski.  
- Recruited a total of 50 physicians to attend from all over Ontario (Toronto, London, Niagara Falls, Windsor, Thunder Bay, etc.)  
- Post-workshop evaluations demonstrated:  
1) Excellent score for the following: Organization, Instructional aids, Provided interest in topic and participant involvement, Provided better understanding and immediate use about HCV, Addressed topics identified and was easy to understand, Facilitator ratings  
2) At least 20% increase in following knowledge domains: New protease inhibitors, managing psychiatric related complications, managing treatment related complications, predicting response to treatment, treating HCV infection, screening for risk factors.  
3) 50% of attendees felt they are better equipped to treat Hepatitis C patients

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*4) - High satisfaction and improved knowledge based on pre- and post-session scores and 4/7 attendees began treating HCV after session.*

2011 Apr - present

HepCNET: Hepatitis C Treatment Network, Continuing Education, Faculty of Medicine, Toronto Western Hospital

- *Designed, developed, and implemented a web videoconference based treatment support network for Hepatitis C treatment teams throughout Ontario*
- *Support the treatment of patients by 16 MOHLTC funded teams around Ontario*
- *Provide weekly expert real-time case discussion and management from Toronto via web technology*
- *Provide weekly short expert didactic session on a focused aspect of Hepatitis C*
- *Interprofessional participants including specialist MDs (ID, GI, GIM), primary care MDs, NPs, RNs, SW, community workers, outreach workers.*
- *Average 11 sites logged in weekly (i.e. Niagara Falls, Hamilton, London, Oshawa, Kingston, Sudbury, North Bay, Timmins, Thunder Bay, etc.).*
- *Provide input into care of 250 patients per year saving travel and cost*
- *High rates of unsolicited email feedback from participants indicating they believe this program is excellent*
- *Survey results indicating that participants have a high level of satisfaction, competency levels are improving, and perceive that they are enabled to treat greater numbers of patients thanks to HepCNET*
- *Funding renewed annually via a competitive process with other agencies.*

2010 - present

Organizing Committee, Annual Scientific Conference, Continuing Education, Ontario Association of Gastroenterology

- *Contributed to curriculum development, speaker recruitment, conference organization and evaluation*
- *Conference addresses non-medical expert competencies (advocate, manager, communicator)*
- *Conference attended by ~150 Ontario gastroenterologists.*

2009 - present

Hepatology Update Chairperson, Multilevel Education, Faculty of Medicine, Dept of Medicine, Gastroenterology, University Health Network

- *Chairperson (since 2013) of annual large group CME event (250 participants) responsible for all aspects of curriculum design, fundraising, accreditation, program delivery and evaluation.*
- *Recognized as the premiere CME event in Hepatology in Ontario*