

Meenu Jindal, M.D.
Clinical Assistant professor, Dept. of Internal Medicine
Clinical Faculty, University of South Carolina School Of Medicine
Greenville Medical Director, Internal Medicine and subspecialty clinics
876 W. Faris Rd, Greenville 29605. mjindal@ghs.org. 864-455-8925

EXPERIENCE:

April 2011 – present:

Medical Director, Internal Medicine clinic

General Internal Medicine Faculty

Dept. of Internal Medicine, Greenville Health System, Greenville, SC

8/2012 – present :

Clinical Faculty for IPM (Integrated Practice of Medicine 1 and 2 courses

USC SOM Greenville, SC.

7/2017- present:

IPM1 cases faculty leader

Oct 2005 –March 2011:

General Internal Medicine Faculty, Dept. of Internal Medicine

Greenville Health systems, Greenville, SC

August 2002 – June 2005 :

Asst. professor and General Internal medicine Faculty

Dept of Internal Medicine

Mercer University School of Medicine

Macon, GA

July 2001 – July 2002:

Chief Resident and PGY3

Department of Internal Medicine.

Medical Center of Central Georgia

Mercer University School of Medicine

Macon, GA

July 2000 – June 2001:

PGY 2 Resident

Department of Internal Medicine.
Medical Center of Central Georgia
Mercer University School of Medicine, Macon, GA

July 1999 – June 2000:

PGY 1 resident

Department of Internal Medicine.
Bronx-Lebanon Hospital Center Bronx, New York

November 1998 – April 1999:

Research asst.

Georgia Prevention Institute (GPI)
Medical College of Georgia (MCG) – Augusta, GA

January 1998 – October 1998 :

Immigration to U.S. and ECFMG certification

July 1997 – December 1997:

Maharashi Dayanand University – Rohtak, Haryana, India
Junior Resident at Department of Cancer Research and Radio Therapy.

January 1996 – December 1996:

Maharashi Dayanand University – Rohtak, Haryana, India
Internship Training
(Disciplines including: Internal Medicine, Pediatrics, Surgery, ER,
Ophthalmology & ENT, Gynecology-Obstetrics, and Preventive and
Social Medicine).

EDUCATION:

July 1991 – December 1996:

Maharashi Dayanand University – Rohtak, Haryana, India
Pt. B.D. Sharma Post Graduate Institute of Medical Sciences
MD (M.B.B.S.)
Class Rank - #2 out of 150

July 1988 – June 1990:

Maharashi Dayanand University – Rohtak, Haryana; India
Government College for Women
Pre-Medical
Class Rank - # 1 out of 180

July 1984 – June 1988:

C.R.P. High School , Rohtak, Haryana; India

Class Rank - #1 out of 85

HONORS:

August 2018 :

Clinical sciences faculty of the year Award :

Presented by the class of 2021, USC School of Medicine, Greenville

June 2017 :

The Outstanding Clinical Role Model Award: USCSOMG

For excellence in Modeling Compassionate Patient Care

June 2016 :

Most outstanding overall faculty member award

Chosen by the residents of Dept. of Internal Medicine
Greenville health system

May, 2016:

Leonard Tow Humanism in Medicine award

Presented by Class of 2016, USC School of Medicine, Greenville

April, 2015 :

The clinical mentorship, education and service excellence award

Presented in recognition of outstanding care and compassion in the mentorship of
USCSOM Greenville students

March, 2013 :

nominated for Humanism in Medicine Award

by Class of 2013, USC School of Medicine, Columbia

June 2007, 2008, 2011, 2012:

Most Outstanding faculty member Award

Chosen by the residents of Dept of Internal Medicine
Greenville health system

June 2002: ***Academic Excellence Award***

Chosen by Department of Medicine Faculty at Mercer University
School of Medicine; Macon, Georgia.

June 2001, 2002: ***Resident of the Year***

Outstanding Performance Award by Department of Medicine Faculty at Mercer University School of Medicine; Macon, Georgia.

June 2001, 2002: ***Resident of the Year***

Outstanding Achievement Award by Internal Medicine Residents at Mercer University School of Medicine; Macon, Georgia. (given for Academic excellence during residency)

March 2000: ***Letter of Commendation***

Outstanding Performance in Internship presented on Doctor's Day by Department of Medicine Faculty at Bronx-Lebanon Hospital Center, New York City, New York

December 1992: ***Gold Medal***

1st of 150 for the First Professional Examination in medical school at Pt. B.D.S. Post Graduate Institute of Medical Sciences, Rohtak, India.

December 1992: ***Gold Medal of Physiological Society of India***

Distinction in physiology in the First Professional Examination in medical school at Pt. B.D.S. Post Graduate Institute of Medical Sciences, Rohtak, India.

December 1992: ***Silver Medal in Biochemistry***

1st of 150 in biochemistry in the First Professional Examination in medical school at Pt. B.D.S. Post Graduate Institute of Medical Sciences, Rohtak, India.

March 1988: ***State Academic Scholarship***

High School – awarded by Board of Education, Haryana State, Rohtak, India.

March 1988: ***Best Student Award***

High School – presented by the High School Principal for Outstanding performance in High School, Rohtak, India.

March 1986: *State Academic Scholarship*

Middle School – awarded by Board of Education, Haryana State, Rohtak, India.

CERTIFICATIONS :

- American Board of Internal Medicine (Initial in 2002, recertified in Oct,2012)
- ECFMG CERTIFIED: #0-589-748-3 (valid Indefinitely)

PROFESSIONAL SOCIETIES:

- American College of Physicians / American Society of Internal Medicine-Member
- Society of General Internal Medicine (SGIM)

CURRENT SCHOLARLY ACTIVITY:

An innovative approach with group counseling and Mindfulness Training among Prediabetes Patients :

Received seed grant in 6/2018 in collaboration with Dr. Shi from Clemson :
Project currently underway.

Mindfulness Training for Adults with History of Depression, Substance Misuse, or Physical Inactivity : Mindful Greenville

Received GHA 5 yr grant in 6/2018 in collaboration with Dr. Shi from Clemson :
: currently undergoing IRB submission and planning with the team and community partners (YMCA, Phoenix center and Greenville Mental Health)

Decision aid implementation for colorectal cancer screening in primary care setting to promote Shared Decision Making :

Received American Cancer Society colorectal Cancer Partnership Award in 1/2018
Working currently on this project in collaboration with USC Arnold school of Public Health

Social Determinants assessment and addressing health care disparities : ambulatory curricular integration to improve residents' knowledge and comfort
Project to enhance ambulatory curriculum for Internal Medicine residents and assess it's impact: IRB submission completed recently.

The Attitudes and Perception of Internal Medicine Residents in regards to Cannabis :

Project to assess residents' perception about cannabis use amongst patients
IRB under review currently.

SBIRT (Screening, Brief Intervention and Referral to Treatment) sustainability:

5 Yr grant (2013-2018) in collaboration with DAODAS and Phoenix center completed recently, 2 navigators currently helping with sustainability efforts of SBIRT to effectively screen for and diagnose Substance use disorders in primary care.

JUMP: Multidisciplinary patient centered Group diabetes education in Internal Medicine Clinic to improve patient activation, and diabetes related clinical measures

This project is currently in maintenance phase.

Assessing food security in patients with diabetes in Internal Medicine Clinic and establishing linkage to community resources and evaluating relationship with HgbA1c control :

Foodshare program in place currently to provide healthy fruits and vegetables to our patients.

EMR and computer etiquette education and assessment for preclinical medical students :

Currently assessing data from last year and will integrate with data from this year.

Practice of Shared decision making as part of Integrated Practice of Medicine Curriculum :

Currently designing the project and working on IRB submission

GRANTS AND PUBLICATIONS:

Mindfulness Training for Adults with History of Depression, Substance Misuse, or Physical Inactivity : Mindful Greenville:

Received GHA 2036 5 yr grant in 6/2018 in collaboration with Clemson university and community partners (YMCA, Greenville Mental Health and Phoenix Center).

An innovative approach with group counseling and Mindfulness Training among Prediabetes Patients. :

Received GHS seed grant in 3/2018 in collaboration with Clemson.

SAMHSA SBIRT (Screening for substance use, Brief Intervention and Referral to Treatment) GRANT: Completed in 2018 in partnership with DAODAS and phoenix center

CARE Coaches Advancing REcovery (CARE) through SBIRT (CARE-SBIRT):

Applied to SAMHSA in 2/18, with the goal of expanding SBIRT services through the upstate area.

Usability Assessment of a Patient-centered Mobile Health Application (iHeartU) for Self-management of Heart Failure:

received GHS Transformative Seed Grant in 3/2017, in collaboration with Clemson.

Improving Colorectal Screening Adherence through Adaptive Choice:

Received IAHC seed grant funding in 2014 in collaboration with USC Arnold School of Public Health

JUMPing into Diabetes Control :

Sheena Henry, MD; Lauren Hassan, MD; Richard O'Neal, MD; Hugh D. Spitler, PhD; Stephen Carey, DO; Virginia Alexander, MD; Deborah Leonard; Gail Chastain; **Meenu Jindal, MD**
Currently under review for publication.

The Impact of Electronic Cues and Provider Education on Colorectal Cancer Screening Referrals and Patients' Screening Decision Stage

Meenu Jindal, M.D.; Matthew F. Hudson, Ph.D., M.P.H. ; Dawn W. Blackhurst, Dr.P.H.; Kinneil Coltman, D.H.A.; Gabriel D. McCoy, D.O.

Published in The Journal of The South Carolina Medical Association

Volume 112, Number 1, Pages 140-177 o March/April 2016

Understanding Preferences For Colorectal Cancer Screening :

Qureshi Z; **Jindal M**, Farr D, Brandt H, Workman L, Horner R. ;
Value in Health Volume 19, Issue 3, May 2016

Foresee your next patient :

Herpes Zoster; Meenu Jindal, MD

Consultant 6/2015

Integrative Efforts in Screening, Diagnosis and Management of Depression in a Residents' Primary Care Clinic

Natalie K. Rollman, DO; Sneha Patel, MD; Maggie H. Sims, MD; **Meenu Jindal, MD**

SGIM forum, Vol. 3, Num. 3, Mar 2014
published by Society of General Internal Medicine.

**Family history of hypertension and left ventricular mass in youth:
possible mediating parameters.**

Cook BB, Treiber FA, Mensah G, **Jindal M**, Davis HC, Kapuku GK.
American Journal of Hypertension. 2001; 14:351-6

PRESENTATION OF RESEARCH / ABSTRACTS:

**Patient-centered Design and Usability Assessment to Improve User Engagement with
Mobile Phone Application (“iHeartU”) for Self-management of Heart Failure**

Lingling Zhang, ScD, Sabarish Babu, **Meenu Jindal, MD**, Joel Williams, PhD, Ronald Gimbel,
Clemson University, Clemson, SC; 2Greenville Health System, Greenville, SC
Presented at American Medical Informatics Association in 5/2018

**A Systematic Review of the Cost-saving and Cost Effectiveness Analyses of Mindfulness
Interventions ; Snehel Lopes, Lu Shi, **Meenu Jindal**.**

Abstract submitted and accepted for presentation at American Public Health Association meeting
in 11/2018.

SBIRT Project and Services in the Internal Medicine Clinic and GHS :

Presented at southeastern Mental Health Symposium in 5/2018

**Motivation Interviewing training for Resident Physicians and Potential Chronic Disease
Management implications:**

presented at 2016 Southern Regional SGIM meeting

Script Concordance Testing to assess clinical Reasoning :

Presented at SGEA (southern Group on educational affairs) meeting 2015.

**Following projects that I mentored were presented at State American College of Physicians
meetings (between 2013-2017) and won research awards:**

Kizer Crum "**Assessing the impact of shared decision making on patient education using
statins**" : # 2 in original research oral presentation 2017

Sheena Henry "**Jumping into diabetes control**"

1 in original research poster presentation 2017

Laura Roache "**Could addiction and opioid abuse intervention have a role during hospital
admission**" : # 2 in original research poster presentation 2017

Mary Blumer ‘ **Script concordance testing : Evaluating clinical knowledge and clinical reasoning in medical education**’

1 in original research oral presentation 2016

Stephen Carey "**JUMP: a novel diabetes empowerment program**"

#1 in original research poster presentation 2016

Marla Chapman "**The impact of adverse childhood experiences on adult medical diseases in a residents' primary care clinic**" # 2 in original research poster presentation 2016

Arwa Zakaria "**Improving efforts in screening and diagnosis of hepatitis C in a residents' primary care clinic**" # 3 in original research poster presentation 2016

Following were presented between 2013-2016:

"Residents' training in chronic pain management in a low income primary care clinic"

Michael Simpson, MD; **Meenu Jindal, MD** : presented at SC ACP chapter meeting in 2014 and received first prize in research posters.

"Implementing decision staging system in EMR in a low income internal medicine primary care residents' clinic to enhance physician-patient communication and further improve colorectal cancer screening"

Gabe McCoy, MD; Meenu Jindal, MD : presented at SC ACP chapter meeting in 2014 and received 2nd prize in research posters.

Implementing a diabetes centering program in a low income internal medicine primary care residents' clinic

Shannon Burgess, MD; Max Rappaport, MD; Stephen Carey, MD; **Meenu Jindal, MD**: presented at SC ACP chapter meeting in 2014 and received 3rd prize in research posters.

‘Integrative Efforts in Screening, Diagnosis and Management of Depression in a Residents’ Primary Care Clinic’

Natalie K. Rollman, DO; Sneha Patel, MD; Maggie H. Sims, MD; and **Meenu Jindal, MD** : Oral presentation SC ACP chapter meeting 10/2013 received first prize in original research.

Patient Centered Medical Home Certification process at residents’ Internal Medicine clinic

Max Rappaport, MD; **Meenu Jindal, MD**: Poster presented at SC ACP chapter meeting 10/2013.

Received second prize in research poster presentation.

Jindal M, Muraina OJ, Rahman MM, Tift JP, Shetty D, Drenzck CL, Patel N, Katner HP.

Transient Pulmonary Edema Complicating a Case of Human Rabies

Presented at ACP Georgia Chapter Meeting in June 2001.

USCSOMG Students presentations based on the projects that I mentored :

Assessing barriers to shared decision making Implementation:

Alexa Bianchi, Kizer Crum, **Meenu Jindal**

Presented at Navy ACP chapter meeting in 1/2018

Yoga as an exercise option for patients with diabetes; Noah Smith, **Meenu Jindal**

Presented at 2017 ACP SC chapter meeting.

OTHER CLINICAL RESEARCH :

- **Served as Sub investigator on following studies with antiretroviral agents :**

.An open label, randomized, parallel group pharmacokinetics trial of tipranavir/ritonavir (TPV/RTV) ,alone or in combination with RTV-boosted saquinavir(SQV), amprenavir (APV) or lopinavir (LPV) , plus an optimized background regimen , in multiple antiretroviral (ARV) experienced patients.

.Multicenter, Open-Label, Early Access Program of Enfuvirtide (FUZEON) (T-20/Ro 29-9800, HIV-1 Fusion Inhibitor) in Combination with Free Choice Antiretroviral Regimen to Assess Serious Adverse Events, Serious AIDS Defining Events, and Tolerability in Patients with Advanced HIV-Infection.

.A Long-Term Open-Label Rollover Trial Assessing the Safety and Tolerability of Combination Tipranavir and Ritonavir Use in HIV-1 Infected Subjects.

.Randomized, open-label, comparative safety and efficacy study of tipranavir boosted with low-dose ritonavir (TPV/RTV) versus genotypically-defined protease inhibitor/ritonavir (PI/RTV) in multiple antiretroviral drug-experienced patients (**RESIST 1: Randomized Evaluation of Strategic Intervention in Multi-Drug ReSistant Patients with Tipranavir**)

.A phase 2 randomized controlled partially blinded trial to investigate dose-response of TMC114/RTV in 3-class-experienced HIV infected subjects followed by an open label period on the recommended dose of TMC114/RTV.

EDUCATIONAL/CLINICAL/ SUPERVISORY ACTIVITIES :

- Residents' Internal medicine clinic supervising attending and medical director.
- Conduct bi-monthly Board Review Sessions for Residents including all Internal medicine subspecialties based on MKSAP.
- Organize and conduct yearly Board review course for only graduating residents using variety of board prep resources and including subspecialists.
- Conduct ambulatory education sessions on General internal medicine topics for residents.
- Helped writing specialty specific objectives for various internal medicine residents' rotations to enrich our curriculum and to meet ACCGME requirements for Internal Medicine in 2011-12.
- Conduct clinic forum for residents to discuss ambulatory care clinic operations so as to incorporate their feedback in the process.
- Serve as Master Clinical Teacher, coach and mentor for Internal Medicine residents while assessing their curriculum milestones as per ACCGME requirements.
- Involved in teaching 3rd and 4th yr medical students at various levels (outpatient and small group teaching sessions).
- Core faculty for Integrated Practice of Medicine (IPM) course for first year and second year medical students at University of South Carolina school of Medicine, Greenville : 2012 to present.
- IPM1 cases Leader since 2017, lead faculty activities related to preparation of material for M1 students including cases development, resolution, writing learning objectives, rubrics and other assessment material.
- Work on and deliver various Behavior, social and communication related sessions to M1 and M2 Students in collaboration with BSPH division.
- Serve as a mentor for life style medicine distinction track for USCSOMG students.
- Leader of EMR education implementation in preclinical years for medical students since 2012.
- Serve as career counselor and mentor for M1-M4 students since 2014.

- Served as small group facilitator at Mercer PBL course.

FACULTY DEVELOPMENT:

- Participated as mentee in faculty development program at Greenville Health System in 2012. My project was to create a Board review course handbook for the residents and develop Board review course in our residency program.
- Continue to participate in various faculty development sessions organized by USCSOMG.
- Currently, enrolled in Tulane Culinary Medicine program.

COMMITTEES :

- Member of Upstate Hypertension mission committee.
- Member of Integrated Practice of Medicine core group and meet bi monthly to plan the activities and discuss IPM curriculum.
- Serve on curriculum competency committee and academic leadership committee for Internal Medicine Residents.
- Served on Curriculum Committee for University of South Carolina School of Medicine Greenville since 2012-2017.
- Served on committees for outpatient EMR order sets development related to chronic diseases including dyslipidemia, asthma, HTN and CHF .
- As part of outpatient EMR expert group, I helped create system wide 'fall assessment' and osteoporosis and osteopenia order sets in outpatient EMR.

RECOMMENDATIONS: Available upon request.