

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel in the order listed for Form Page 2.
Follow the sample format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Sonal Singh, MD		POSITION TITLE Instructor	
EDUCATION/TRAINING (<i>Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.</i>)			
INSTITUTION AND LOCATION	DEGREE (<i>if applicable</i>)	YEAR(s)	FIELD OF STUDY
Patna Medical College, India	MBBS	1997	Medicine

A. Positions and Honors

2005 -present	Instructor, Section of General Internal Medicine, Wake Forest University School of Medicine, Winston-Salem, NC
2002 –2005	Resident-Physician, Unity Health System, Department of Medicine
2000-2002	Research Associate, Ohio State University, Division of Pharmacology
1999-2000	Junior Resident, Patna Medical College, Department of Medicine
1998-1999	House Physician, Patna Medical College, Department of Medicine
1997-1998	Intern, Patna Medical College, Department of Medicine

Other appointments:

2006 onwards	Editor-in-chief. Conflict and Health
2005 onwards	Editorial board. The Learning curve- Medscape General Medicine
2005 onwards	Associate Director Center for International Health and Human Rights Studies, Toronto, Canada

Honors and Awards

2006	Tinsley R Harrison Faculty Teaching Excellence Award Outpatient Teaching Wake Forest University School of Medicine
2005	Senior-Resident scholarship award, Unity Health System, Rochester, NY
2006	American College of Physicians Health and Public Policy Scholarship, NY
1998	Gold Medal in 1st and 2nd MBBS Examinations.

B. Publications

Peer reviewed Journal articles

1. Mills E, Nachega J, Attaran A, Orbinski J, Singh S, Rachlis B, Wu P, Wilson K, Bansberg DR, Guyatt GH. Adherence to Antiretroviral therapy in Africa versus North America: A comparative meta-analysis. JAMA (in press)
2. Navaneethan SD, Singh S. A systematic review of barriers in access to renal transplantation among African Americans in the United States. Clinical Transplantation (in press)
3. Singh S, Morrell P. What caused Buddha's death? Ars Medica June 2006 (in press)

4. Wofford JL, Singh S. Exploring the Educational Value of Clinical Vignettes from the SGIM National Meeting in the Internal Medicine Clerkship: A Pilot Study. JGIM (in press)
5. Dolma S, Singh S, Lohfield L, Orbinski J, Mills E. The Dangerous experience of Tibetan refugees fleeing to Nepal. AJPH 96 (11) Nov 2006 (in press)
6. Mills EJ, Singh S, Zwi A, Nelson B, Nachega JB. The impact of conflict on HIV/AIDS in Africa. Int J STD & AIDS (in press)
7. Navaneethan S, Osovo A, Shrivastava R, Singh S. Concomitant Intracranial Aneurysm and Carotid Artery Stenosis: A Therapeutic Dilemma SMJ 99 No 7 July 2006 (in press)
8. Singh S, Bøhler E, Dahal K, Mills E. The state of child health and human rights in Nepal. PLoS Med 3(7) e203 July 4 2006
9. Mills E, Singh S, Wilson K, Peters E, Onyia R, and Kanfer I The Challenges of involving traditional healers in HIV/AIDS care. Int J STD & AIDS. 17(6): 360-363, June 2006
10. Mills E Cooper C, Wu P, Rachlis B, Singh S, Guyatt GH. Randomised trials stopped early for harm in HIV/AIDS- A systematic survey. HIV Clinical trials 2006 Jan-Feb; 7(1):24-33.
11. Chauiyal P, Singh S, Dolan J, Woodlock TJ. Intravascular large B- Lymphoma with multisystem involvement. Leukemia and Lymphoma.2006 1-3PreView April 24 2006
12. Singh S, Dolan JG, Centor RM. Optimal clinical management of Sore throat- A multi-criteria decision analysis. BMC Medical decision-making 2005: 6; 14 March 13 2006
13. Mills E, Nixon S, Singh S, Dolma S, Nayyar A, Kapoor S. Enrolling women into HIV vaccine trials- An ethical imperative but a logistical challenge. PLoS Med 3(3): e94 Mar 2006
14. Rivero M, Karlic A, Navaneethan SD, Singh S. Possible cocaine induced acute renal failure without rhabdomyolysis. J Nephrol 2006 Jan-Feb; 19(1): 108-10
15. Mills EJ, Robinson J, Attaran A, Clarke M, Singh S, Upshur RE, Hermann KJ Jr, Yusuf S Sharing evidence on humanitarian relief. BMJ 2005 Dec 24; 331(7531): 1485-6.
16. Mills E, Singh S, Warren M, Orbinski J, Upshur RE. Designing Research in vulnerable populations: lessons from HIV prevention trials that stopped early. BMJ 2005; 331:1403-1406 (10 December)
17. Mills E, Singh S, Holtz T, Santa-Barbara J, Chase R, and Orbinski J. Prevalence of serious mental disorders among Tibetan refugees-A systematic review. BMC International Health and Human rights 2005 5; 7 (November 9)
18. Navaneethan S, Singh S, Choudhury W. Nodular glomerulosclerosis in a non-diabetic patient- Case report and literature review. J Nephrol 2005 Sep - Oct; 18(5): 613-5.
19. Singh S, Wooltorton E. Increased mortality among elderly patients with dementia using atypical antipsychotics. CMAJ 173 (3) 252 Aug 2 2005
20. Mills EJ, Rachlis B, Wu P, Wong E, Heise L Wilson K, Singh S. Media reporting of Tenofovir trials in Cambodia and Cameroon. BMC International Health and Human Rights 2005 5; 6 (August 24)
21. Singh S Empathy-Lost or found in medical education? The Learning Curve MedGenMed 18 Aug 7(3) 2005
22. Singh S, Mills E. Honeyman SW, Suvedi BK, Pant NP. HIV in Nepal: Is the conflict fuelling the epidemic? PLoS Med. 2005 Jul 19; 2(8): e 216
23. Singh S, Mills E, Dahal K. Nepal's war on Human Rights-A summit higher than Everest. Int J Equity Health. 2005 Jun 28; 4(1): 9
24. Singh S, Rajpal C, Nannapneni S, Venkatesh S. Iopamidol myelography induced seizures. MedGenMed 7 (2) April 12 2005
25. Nautiyal A, Singh S, Parameswaran G, DiSalle M. Hepatocyte dysfunction in a patient with Plasmodium vivax infection. MedGenMed 2005 7 (1).

26. Nautiyal A, [Singh S](#), DiSalle M, O'Sullivan J. Painful Horner syndrome as a harbinger of silent carotid dissection. PLoS Med 2(1): e19 2005
27. Nautiyal A, [Singh S](#), Alaimo DJ. Wernicke encephalopathy-An emerging trend after bariatric surgery. AJM Nov 15 2004 117 (10) 804-805
28. [Singh S](#), Nautiyal A, Dolan JG. Recurrent Acute Pancreatitis possibly induced by Rosuvastatin and Atorvastatin-Is Statin induced pancreatitis a class effect? Journal of Pancreas Online 5 (6) 502-504
29. [Singh S](#), Shrivastava R, Das V. Formulary Conversion Programs-The need for patient specific risk assessment. MedGenMed. Sep 2004 6(3), 28
30. [Singh S](#). Impact of Long-term Political Conflict on Population Health in Nepal. CMAJ 171(12) Dec 7 2004: 1499-1501
31. [Singh S](#). Tears from the Land of Snow: Health and Human Rights in Tibet. Lancet; 364(9438) 1009 Sep 11 2004

Published peer-reviewed Abstracts

1. Navaneethan S, [Singh S](#). Barriers to access for renal transplantation for minorities- a systematic review AJKD Supplement April 2006
2. Wofford JL, Wofford M, Miller DP, Brownlee C, [Singh S](#). Using IPOD technology to create a self-guided clinic tour for residents. JGIM Vol. 21 Issue s4 Page 187 April 2006
3. Wofford JL, Wofford M, [Singh S](#). The educational value of case reports from the SGIM national meeting in the Internal Medicine Clerkship JGIM - Vol. 21 Issue s4 Page 185 April 2006
4. Brownlee C, [Singh S](#), Messick CH, Miller DP, Wofford JL. Narcotic management in chronic non-malignant pain. A survey of residents. JGIM - Vol. 21 Issue s4 Page 177 April 2006
5. Wofford JL, Rice WY, [Singh S](#). Who is the patient's doctor? Primary care responsibilities and co-management among generalists and nongeneralist physicians in the National ambulatory care survey JGIM - Vol. 21 Issue s4 Page 165 April 2006
6. Mills E, [Singh S](#), Wilson K, Rachlis B. Media Reporting of Tenofovir trials in Cambodia and Cameroon. 4th Annual Clinical Epidemiology and Biostatistics Research Day, McMaster University, Hamilton, Ontario, Canada .21st September 2005(*Ist prize*)
7. Mills E, Busse J, Corbie-Smith G, [Singh S](#), Devereaux P.J, Guyatt G Reporting Inclusion of Minorities in Clinical Trials. Proceedings of the 5th international congress on peer review and biomedical publication. Chicago, September 2005.
8. [Singh S](#), Shrivastava R, Das V. Formulary Conversion Programs: A risk to patient safety J Gen Intern Med 2004 19(s1): 50
9. [Singh S](#), Saito Y, Choudhry W, Jonnala S Rapidly progressive Glomerulonephritis: A case of Wegeners Granulomatosis. Rochester General Hospital, Rochester, NY Poster Competition
10. Navaneethan S, [Singh S](#), Arend L, Choudhry W Diabetic Nephropathy in a Non-Diabetic patient: A case report. ACP Regional Conference
11. Medaiyese A, Oshodi G, Shrivastava R, [Singh S](#), El-Daher N, DiSalle M Mycobacterium Avium Induced Duodeno-nodal fistula. ACP Regional Conference

Miscellaneous - letters, editorials, non-refereed publications

1. [Singh S](#). ACE inhibitor induced pancreatitis. In search of the evidence. [Editorial] SMJ (in press)
2. [Singh S](#), Arya N, Mills E, Holtz T, Westberg G. Free medical students and doctors detained in Nepal The Lancet 2006 May 27
3. [Singh S](#). Amiodarone-induced alveolar hemorrhage [Editorial] SMJ 2006 Apr; 99(4):329-30.
4. [Singh S](#) Hydralazine induced lupus. [Editorial] SMJ 2006 Vol 99 (1) 6-7
5. [Singh S](#) The Stone Circle. CMAJ. 172(4) Feb 15 2005: 522

6. Mills E, Singh S, Orbinski J, Burrows D, The HIV/AIDS epidemic in Cambodia, *The Lancet Infectious Diseases*, Volume 5, Issue 10, October 2005, Pages 596-597.
7. Singh S. Drug induced pancreatitis might be a class effect of Statin drugs. *JOP* 2005 Jul 8; 6(4): 380;
8. Singh S. Difficulties of peace building in Nepal. *CMAJ*. 2005 Jun 21; 172(13): 1663-4
9. Singh S. Dolan JG. Diagnosis and treatment of Group A Pharyngitis Strep. *American Family Physician*. March 15 2005
10. Singh S Nepal's war and conflict sensitive development. *PloS Med* 2 (1); e 29.2005
11. Singh S. Nautiyal A. Neurological complications of bariatric surgery. *Mayo Clinic Proceedings*. 2005; 80:134-137
12. Singh S. Social and Economic Justice: The road to Health. *CMAJ* 2004 171(9) 1021
13. Singh S. Buddha and Evidence based Medicine. *BMJ* 329(7473): 1016 - 1016.
14. Singh S. The Best Physician. *BMJ* 2004.329, 833.
15. Singh S. Post-Immigrant Refugee Medicine: Children's needs should not be seen in isolation. *BMJ* 2004 (329) 742
16. Singh S. Letter from the Himalayas. *CMAJ* 2004 171; 309-310
17. Singh S. Post-traumatic stress in former Ugandan child soldiers. *The Lancet*. 2004; 63(9421): 1648
18. Singh S. Special issue on South Asia: focus will be an eye opener. *BMJ* 2004 Jan 31; 328(7434): 288.

C. Research Support

Research interests

Research interests include the development of educational and systems based approaches to the reduction of ADRs and improvement in the quality of care. Also interested in health inequities, health and human rights and global health. Currently working on an invited Health and Human Rights series for "The Lancet"

Research in progress

Cross sectional survey to determine Resident's views on quality and continuity of care in clinics after discharge from the hospital; systematic review of case-reports and ADRs *Drug Safety (undergoing review)*; systematic review of barriers for delayed referral for CKD patients ; Systematic review of Wernicke encephalopathy after Bariatric surgery. (in review -Neurology) ; a systematic review of adherence to antiretrovirals in developed and developing nations.(in review at *PLoS Medicine*).

Grants: Current and pending:

Co-investigator (10% effort) Bertoni AG, Singh S, Hoit A. Development of a Clinical Decision support system to improve provider adherence with JNC VII and ATPIII Submitted to NIH