

RACHEL B. LEVINE MD, MPH

DEMOGRAPHIC INFORMATION

Current Appointments:

University: Assistant Professor, Division of General Internal Medicine, The Johns Hopkins University School of Medicine

Faculty College Advisor, College A, The Johns Hopkins University School of Medicine

Personal Data:

Work Address: Division of General Internal Medicine, Johns Hopkins Bayview Medical Center, B2N-235 4940 Eastern Ave., Baltimore, Maryland 21224

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Education and Training:

Degree/Year	Institution	Discipline
Bachelor of Arts 1992	McGill University, Montreal, Canada	Political Science
Doctor of Medicine 1997	McGill University, Montreal, Canada	Medicine
Internship and residency 1997-2000	Boston University School of Medicine Residency, Boston, MA	Internal Medicine
Internal Medicine Fellowship 2001-2004	Johns Hopkins University School of Medicine	Medical Education
Certificate 2001-2002	Johns Hopkins Faculty Development Program (1/2 day per week for 10 months)	Teaching Skills
Certificate 2001-2002	Johns Hopkins Curriculum Development Course (1/2 day per week for 10 months)	Curriculum Development
Master of Public Health 2002-2003	Johns Hopkins Bloomberg School of Public Health	Epidemiology

Professional experience:

Position/Dates

Fellow, Division of General Internal Medicine
2001-2004

Institution

Johns Hopkins University School of medicine

RESEARCH/SCHOLARLY ACTIVITIES**Publications:****Peer Reviewed Articles**

1. Wang SA, **Levine RB**, Carson LA, Arduino MJ, Killar T, Grillo FG, Pearson ML, Jarvis WR. *An outbreak of gram-negative bacteremia in hemodialysis patients traced to hemodialysis machine waste drain ports.* Infect Control Hosp Epidemiol. 1999;20:746-751.
2. Greene MS, Aharonowitz G, Shohat T, **Levine R**, Anis E. *The changing epidemiology of viral hepatitis A in Israel.* Isr Med Assoc J. 2001;3:347-351.
3. Hebert RS, **Levine RB**, Smith CG, Wright SM. *A systematic review of resident research curricula.* Acad Med. 2003; 78: 61-68.
4. **Levine RB**, Hebert RS, Wright SM. *The three headed mentor: Rethinking the classical construct.* Med Ed. 2003;37:486.
5. Clark JM, Houston TK, Kolodner K, Branch WT, **Levine RB**, Kern DE. *Teaching the teachers: national survey of faculty development for teaching skills in departments of medicine of U.S. teaching hospitals.* J Gen Intern Med. 2004; 19:205-214.
6. Houston TK, Clark JM, **Levine RB**, Ferenchick GS, Bowen JL, Branch WT, Boulware DW, Alguire P, Esham RH, Clayton CP, Kern DE, *Outcomes of a national faculty development program in teaching skills: prospective follow-up of 110 internal medicine faculty development teams.* J Gen Intern Med, 2004 Dec;19 (12):1220-7.
7. **Levine RB**, Hebert RS, Wright SM. *Resident research and scholarly activity in internal medicine residency training programs.* J Gen Intern Med. 2005; 20:155-159.
8. Ramulu V, **Levine RB**, Hebert RS, Wright SM. *Development of a Case Report Review Instrument* Int J Clin Pract, 2005;59:457-461.
9. Rivera J, **Levine RB**, Wright SM. *Completing a scholarly project during residency. Perspectives of residents who have been successful.* J Gen Intern Med. 2005;20:366-9.
10. **Levine RB**, Hebert RS, Wright SM. *Factors associated with program citation for lack of scholarly activity in internal medicine residencies.* Teach Learn Med. 2005;17:328-31.
11. Reed DA, Kern DE, **Levine RB**, Wright SM. *Costs and funding for published medical education research.* JAMA. 2005; 294:1052-7.
12. **Levine RB**, Mechaber H. *Opting-in. Part-time careers in academic medicine.* Am J Med. 2006 May;119(5):450-3.
13. Wright SM, **Levine RB**, Beasley B, Haidet P, Caccamese S, Brady D, Gress T, Marwaha A, Kern DE. *Personal growth and its correlates during residency training.* Med Educ. 2006 Aug;40(8):737-45.

14. **Levine RB**, Haidet P, Kern DE, Beasley B, Brady D, Gress T, Bensinger L, Nelson J, Hughes J, Marwaha A, Wright SM. *Personal Growth During Internship: A Qualitative Analysis of Interns' Responses to Key Questions*. J Gen Intern Med. 2006 Jun;21(6):564-9.

15. **Levine RB**, Kravet S, Reed DA, Windish DM, Wolfe L, Wright SM. Facing the malpractice crisis: academic physicians' willingness to accept quick fix solutions. (Accepted for publication in the *Southern Medical Journal*)

Peer reviewed communications

Ratanawongsa N, Wright SM, **Levine RB**. *Association between higher mental well-being and residents' capacity for empathy*. J Gen Intern Med. 2006 Apr;21(4):401-2; author reply 402

EDUCATIONAL ACTIVITIES

Teaching:

Classroom Instruction

Learners

Medical students

Course/Dates

Practicing Empathy:
A Reflective Writing Seminar

Role

Faculty

Medical students

The Healer's Art, Fall 2005

Faculty

Interns

Med-psych rotation

Faculty

Clinical Instruction

Learners

Medical students

Service/Dates

Clinical skills course
(1/2 day per week)

Role

Preceptor

Residents

Medical housestaff clinic
(1/2 day per week)

Supervising Attending

Residents and medical students
JHBMC

Ward attending
(4 weeks/year)

Supervising Attending

CME Instruction

Dates

October 2003

Course/Presentation/Workshop

"Guiding residents along the path toward personal growth." Workshop at the Association of Program Directors in Internal Medicine annual national meeting. Washington, DC.

January 2003

"Looking for Evidence of Personal Growth During Internship"
Grand Rounds Presentation, Johns Hopkins Bayview Medical Center

May 2004

"Guiding Residents along a Path Toward Personal Growth."
Workshop at SGIM Annual Meeting 2004

May 2005 "Part-time Careers in Academic Medicine"
Workshop at SGIM Annual Meeting 2005

May 2005 "Part-time Careers Interest Group" Faculty
SGIM Annual Meeting 2005

Mentoring

GIM mentoring program Advisees Cathleen Magill 2004-present, Sneha Jacob 2005-present

Editorial activities

Invited reviewer Journal of General Internal Medicine
Pediatrics

CLINICAL ACTIVITIES

Certification:

Medical Licensure, State of Maryland, 2001-present D57644
American Board of Internal Medicine, 2000

Service Responsibilities:

General Internal Medicine, Johns Hopkins Bayview Medical Clinic (Outpatient clinic ½ day per week)
Inpatient Attending, Johns Hopkins Bayview Medical Center, 1 month per year

ORGANIZATIONAL ACTIVITIES

Institutional Administrative Appointments:

Medical Housestaff Selection Committee, 2002-present
General Internal Medicine Fellowship Selection committee, 2001-2004

Society Memberships

Society of General Internal Medicine, 1999-present
Medical Education Abstract Review Committee 2004-2005
Medical Education abstract session moderator, SGIM national meeting 2005, New Orleans, LA
Medical Education Abstract Review Committee 2005-2006
SGIM Part-time careers interest group, coordinating faculty 2004-2006

RECOGNITION

Awards:

Osler Medical Aid Foundation Travel Scholarship 1995
MRC Summer Research Bursary 1994
Honors in Political Science (McGill University) 1992
Faculty Scholar (Top 10% in Faculty of Arts McGill University) 1990

National Poster and Oral Presentations

Darcy A. Reed, MD, MPH, **Rachel B. Levine, MD, MPH**, Redonda G. Miller, MD, MBA, Bimal H. Ashar, MD, MBA,
Eric B. Bass, MD, MPH, Tasha N. Rice, MHS, Joseph Cofrancesco Jr. MD, MPH Impact of Residency Duty Hour

Regulations on Medical Students' Education. Oral Presentation and First Prize Johns Hopkins Research in Medical Education Retreat, September 2006, Baltimore, MD

Darcy A. Reed, MD, MPH, **Rachel B. Levine, MD, MPH**, Redonda G. Miller, MD, MBA, Bimal H. Ashar, MD, MBA, Eric B. Bass, MD, MPH, Tasha N. Rice, MHS, Joseph Cofrancesco Jr. MD, MPH Impact of the eighty-hour work week: views of key clinical faculty. Oral Presentation Johns Hopkins Research in Medical Education Retreat September 2006, Baltimore, MD

Levine RB, Mechaber HF, Bass EB, Wright SM. Predictors of Academic Success among Part-time Faculty. Oral presentation and Hamolsky Award Finalist, SGIM national meeting, April 2006, Los Angeles, CA

Levine RB, Mechaber HF, Harrison R, Phillips C, Galleger T. Professional Characteristics and Job Satisfaction Among SGIM Members: A Comparison by Part-time and Full-time Physician Status. Oral presentation. SGIM national meeting, April 2006, Los Angeles, CA

Levine RB, Kravet SJ, Reed DA, Windish DM, Wolfe L, Wright SM, Facing the Malpractice Crisis: academic physicians' willingness to accept quick fix solutions. Poster Presentation at the SGIM national meeting, May 2005, New Orleans, LA

Wright SM, **Levine RB**, Beasley B, Brady D, Caccamese, Gress T, Haidet P, Marwaha A, Kern D, Personal Growth During Residency Training, Poster Presentation at the SGIM national meeting, May 2004, Chicago, IL

Asher BH, Miller RG, Pichard CP, Leung LS, **Levine RB**, Wright SM, Patients' Understanding of the Regulation of Dietary Supplements, Poster Presentation at the SGIM national meeting, May 2004, Chicago, IL

Levine RB, Beasley B, Bensinger L, Brady D, Gress T, Haidet P, Hughes J, Marwaha A, Nelson J, Kern D, Wright SM, Looking for Evidence of Personal Growth During Internship. Poster Presentation at the SGIM national meeting, May 2003, Vancouver, Canada

Levine RB, Jenckes MW, Clark JM, Houston TK, Branch WT, Kern DE. Barriers and Facilitators to Faculty Development in US Teaching Hospitals. Poster Presentation at the Society of General Internal Medicine national meeting, May 2002, Atlanta, GA.

Levine RB, Adler E, Tjia J. Respiratory arrest secondary to absorption of a transdermal Fentanyl patch via the oral mucosa. Winner Clinical Vignettes Competition, American College of Physicians-American Society of Internal Medicine, 2000 National Associates Competition. Oral presentation April 2000, Philadelphia, PA.

Levine RB, Tjia J. Iron deficiency anemia leading to metabolic alkalosis. Poster presentation at the American College of Physicians-American Society of Internal Medicine, Massachusetts Chapter 1999 Scientific Meeting, clinical vignette competition.

OTHER PROFESSIONAL ACCOMPLISHMENTS

Community involvement and volunteer work

Role	Setting/ Dates
Volunteer physician	Joseph Richey Hospice, Baltimore, MD, 1 day per month, 2001-present
Volunteer physician	Bangalore Baptist Hospital, Bangalore, India, 6 weeks, 2000