

# Kevin Martin Schuer, PA-C, MSPAS, MPH

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## *Curriculum Vitae* updated July 2010

### **I. GENERAL INFORMATION**

Home Address: 1949 Bellefonte Dr., Lexington, KY 40503  
Home Telephone: (859) 260.2002  
Office Address: Division of Physician Assistant Studies  
College of Health Sciences  
University of Kentucky  
900 South Limestone Street  
Lexington, Kentucky 40536-0200  
Office Telephone: (859) 323-1100 x80838  
Office Fax: (859) 257-2454  
Electronic Mail: Kevin.Schuer@uky.edu

### **II. EDUCATION**

University of Kentucky College of Public Health  
Doctor of Public Health (DrPH) - *Candidate*  
Health Services Management  
*August 2010*

University of Kentucky College of Health Sciences  
Physician Assistant Program, Masters of Physician Assistant Studies (MSPAS)  
National Commission on Certification of Physician Assistants (NCCPA) Certified  
*July 2007*

University of Kentucky College of Public Health  
Masters of Public Health (MPH)  
Epidemiology  
*August 2005*

University of Kentucky College of Arts and Sciences  
Bachelor of Science (BS)  
Biology  
*December 1998*

### **III. ACADEMIC APPOINTMENTS**

Full-time, special title series appointment as Assistant Professor (August 1<sup>st</sup>, 2008 to present) at the University of Kentucky, College of Health Sciences, Department of Clinical Sciences, Division of Physician Assistant Studies.

### **IV. CLINICAL EXPERIENCE**

University of Kentucky Medical Center  
General Internal Medicine, Ambulatory Care Services  
Coordinator, Ambulatory Process Improvement  
Physician Assistant, Certified  
August 2008 to Present  
UK Internal Medicine  
Lexington, KY

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Veterans Affairs Medical Center  
Ambulatory Care/ Comp and Pension  
Physician Assistant, Certified  
July 2008 to Present  
Lexington, KY (Cooper Drive Division)

University of Kentucky Medical Center  
Gill heart Institute- Cardiology  
Physician Assistant, Certified  
December 2007 to July 2008  
UK Internal Medicine  
Lexington, KY

St. Claire Regional Medical Center  
Emergency Department (PRN)  
Physician Assistant, Certified  
December 2007 to July 2008  
Morehead, KY

## **V. PROFESSIONAL EXPERIENCE**

Assistant Professor, Special Title Series (Tenure Track)  
University of Kentucky, College of Health Sciences- Primary Appointment  
Division of Physician Assistant Studies  
August 2008 to Present

Assistant Professor, Special Title Series  
University of Kentucky, College of Medicine- Secondary Appointment  
Center for Enterprise Quality and Safety  
August 2008 to Present

Coordinator, Ambulatory Process Improvement  
University of Kentucky  
Center for Enterprise Quality and Safety  
August 2008 to present

Inter-professional Fellow in Patient Safety  
VAMC-Lexington, KY/ University of Kentucky Chandler Medical Center  
UK Center for Enterprise Quality and Safety (UK CEQS)  
National Center for Patient Safety, Ann Arbor, MI (NCPS)  
*July 2007 to July 2008*

University of Kentucky Medical Center  
Laboratory Analyst  
Department of Microbiology, Immunology and Molecular Genetics  
Division of Infectious Diseases  
*2002-2005*

University of Kentucky Medical Center  
Lab Technician  
Department of Internal Medicine, Division of Infectious Diseases  
*1998-2002*

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## VI. TEACHING ACTIVITY

*University of Kentucky, College of Health Sciences:*

“Research Methods and Epidemiology” (PAS 610), Summer 2008-2010 (Guest lecturer).

“Clinical Lecture Series I” (PAS 654), Fall 2008-2010 (Guest lecturer).

“Biology of Disease” (PT 854), Spring 2008-2010 (Guest lecturer).

“Clinical Lecture Series II” (PAS 658), Spring 2008-2010 (Guest lecturer).

*University of Kentucky, College of Health Sciences:*

“Emergency Medicine Clerkship” (PAS 670), 2008-2009 (Course director).

“Clinical Laboratory Procedures” (PAS 657), Fall 2009 (Course director).

*University of Kentucky, College of Medicine:*

“Introduction to Clinical Medicine” (MD 811), Fall 2009 (co-Instructor).

*Other:*

Instruction in UK’s Inaugural Prescription Drug Abuse Collaborative, “EQUIP-4-CRx,” April 2010  
Directed the day-long workshop in “Quality/ Process Improvement in Ambulatory Care” for leaders in the state of Kentucky’s Centers for Excellence in Rural Health, October 2009,  
Lecture on behalf of the 2009 UK Clarion Committee to the University of Kentucky’s Interprofessional Education, Practice and Research leadership committee, “UK Clarion Administrative and Financial Update-Fall 2009,” September 2009.

Co-directed a day-long workshop in “Patient Flow and Continuous Improvement” for leadership in the University of Kentucky’s Comprehensive Breast Care Center, Markey Cancer Center, July 2009.

Lecture on “Financial and Administrative Benchmarking for Advanced Practitioners (PA/ARNP) in the Region” to the University of Kentucky’s Advanced Practitioner Steering Committee.

## VII. ADVISING ACTIVITY

*Thesis Directed or Co-directed (Masters):*

Derek Marbell, MHA Program in Health Administration, University of Kentucky College of Public Health.  
*Describing and improving patient wait times in an outpatient practice: Applying LEAN tools and identifying solutions for reducing door to door time.*  
Spring 2010.

*Physician Assistant Studies Masters Research Projects Directed:*

Adina Badstibner, MSPAS, 2011, University of Kentucky, Division of Physician Assistant Studies.

Adrienne Parks, MSPAS, 2011, University of Kentucky, Division of Physician Assistant Studies.

Amanda Rahn, MSPAS, 2011, University of Kentucky, Division of Physician Assistant Studies.

Kris Moghadamian, MSPAS, 2011, University of Kentucky, Division of Physician Assistant Studies.

Laura C. Pegram, MSPAS, 2011, University of Kentucky, Division of Physician Assistant Studies.

Talitha Hunt, MSPAS, 2011, University of Kentucky, Division of Physician Assistant Studies.

Brian Showalter, MSPAS, 2010, University of Kentucky, Division of Physician Assistant Studies.

Crista Strawzell, MSPAS, 2010, University of Kentucky, Division of Physician Assistant Studies.

Dana Campbell, MSPAS, 2010, University of Kentucky, Division of Physician Assistant Studies.

Heather Short, MSPAS, 2010, University of Kentucky, Division of Physician Assistant Studies.

Joshua Cutshall, MSPAS, 2010, University of Kentucky, Division of Physician Assistant Studies.

Jessica Seymour, MSPAS, 2010, University of Kentucky, Division of Physician Assistant Studies.

Megan Coleman, MSPAS, 2010, University of Kentucky, Division of Physician Assistant Studies.

*Other:*

University of Kentucky, Physician Assistant Faculty Advisor to the PAS Class of 2011 (elected)

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## VIII. ADMINISTRATIVE ACTIVITY AND SERVICE

### *University of Kentucky Department of Clinical Sciences:*

Alumni Relations Committee, Division of PA Studies, 2008- present (member).  
Clinical Coordinator Committee, Division of PA Studies, 2008- present (member).  
College of Health Sciences Alumni Scholarship Golf Committee, 2008- present (member).  
Scholarship/ Exam Committee, Division of PA Studies, 2008- present (member).  
The Degreed Human Health Sciences Working Group, 2008- present (member).  
UK College of Health Sciences Practice Plan Committee, 2009-present (member).

### *University of Kentucky*

UK Interprofessional Education and Practice (IPEP) Working Group, April 2008 to Present.  
UK Interprofessional Education and Practice (IPEP), Research, Outcomes and Evaluation Subcommittee, August 2008 to Present.  
Chair, UK Clarion Steering Committee. "Clarion National Competition, University of Minnesota, Minneapolis, MN. February 2008 to Present.  
UK Health Services Research Working Group member, UK College of Medicine, Public Health. January 2009 to Present.

### *University of Kentucky Chandler Medical Center*

Committee member, University of Kentucky Health System, Advanced Practitioner Working Group. Lexington, KY. August 2009 to Present.  
University of Kentucky Ambulatory Care Management Group, Team Leader, General Internal Medicine, January 2009 to Present.

### *Veterans Affairs Medical Center (VAMC)*

Faculty Advisor, Interprofessional Fellowship in Health Care Quality and Patient Safety, National Center for Patient Safety, Ann Arbor, MI., August 2008 to Present.  
Team Leader, Root Cause Analysis (RCA). "Medical Management of Acutely Ill Patients on a Psychiatric Ward," VA Medical Center, Lexington, KY. March 2008 to January 2009.  
Committee Member, Medical Center Rapid Response Team Steering Committee. VA Medical Center, Lexington, KY. January 2008 to January 2009.  
Faculty Team Leader, Graduate Medical Education Workshop "Learning How to Teach Patient Safety," National Center for Patient Safety (NCPS). Palo Alto, CA. January 15<sup>th</sup>, 2008.  
Team Facilitator, Root Cause Analysis (RCA). "Bed Entrapment and the Use of Pressure Reducing Air-Mattresses," VA Medical Center, Lexington, KY. September 2007 to March 2008 .  
Committee Member, Medical Center Consultative Ethics Group. VA Medical Center, Lexington, KY. 2007-2008.

### *National*

(Chair) American Academy of Physician Assistants (AAPA) Leadership Committee, Quality Care Committee (QCC), 2010-2011. Alexandria, VA. April 2010-Present.  
Nationally Appointed Committee Member, American Academy of Physician Assistants (AAPA) Leadership Committee, Quality Care Committee (QCC). AAPA, Alexandria, VA. July 2008-Present.

## IX. SPECIALTY CERTIFICATION

Certified Physician Assistant, Commonwealth of Kentucky, PA1074 (since August 2007).  
National Commission on Certification of Physician Assistants certification #1079729 expires 12/21/2011.  
Advanced Cardiac Life Support, American Heart Association, June 2006 to Present.  
Basic Life Support, American Heart Association, June 2009, expires June 2011.  
Blood Borne Pathogen Training/Certification, University of Kentucky, January 2005 to Present.  
Toyota Production System, Lean and process re-design certified, January 2009.

## X. PROFESSIONAL AFFILIATION

National Fellow in Health Care Quality and Patient Safety, National Center for Patient Safety (NCPS), August 2007 to Present.

Kentucky Public Health Association (KPHA), August 2003 to Present.

Kentucky Association of Physician Assistants (KAPA), January 2005 to Present.

Kentucky Association of Physician Assistants (KAPA), Alternate Delegate (AAPA HOD), San Diego, CA, May 2009.

Fellow Member of the American Academy of Physician Assistants (AAPA), January 2005 to Present

Physician Assistant Education Association (PAEA), January 2009 to Present.

Student Academy of the American Academy of Physician Assistants (SAAPA), January 2005 to January 2007.

## XI. RESEARCH AND/OR CREATIVE PRODUCTIVITY

### *Research Projects:*

Primary Investigator, "Quality, Patient Safety and Improvement in Physician Assistant Education." Health Resources and Services Administration (HRSA) Training Grant. (2010), \$500,000.00, total of 2 years.

University of Kentucky (UK) Colleges of Medicine and Health Sciences (Division of Physician Assistant Studies), UK Center for Enterprise Quality and Safety, Veterans Affairs Medical Center, Lexington, KY. (*Pending, July 2010*).

Co-Investigator, "Interprofessional examination and treatment planning- A medical home model." 2010-2011 Education Enhancement Grant recipient, UK College of Health Sciences. June 2010

Co-Investigator, "Community Engagement to Promote Medical Education, Research and Service." Health Resources and Services Administration (HRSA) Training Grant (HRSA-08-032), \$855,000.00, total of 3 years.

Role: Develop/ deliver the LEAN portion of the Quality Improvement/ Process Improvement research and facilitation training program as well as develop/ deliver the primary care patient safety components of the program. Also charged with performance evaluation/ metrics analysis for potential future publication.

University of Kentucky College of Medicine, Department of Family and Community Medicine, Center for Enterprise Quality and Safety, College of Public Health, October 2008 to Present.

Co-Investigator, "Interdisciplinary Experiences in Physician Assistant Education," November 2009 to Present. IRB Protocol # 09-0427-X3B.

Primary Investigator, "Interdisciplinary Experiences in Physician Assistant Education," November 2009 to Present. IRB Protocol # 09-0427-X3B.

Primary Investigator, "Improving Diabetes Care in an Ambulatory Clinic: Creating a Diabetes Registry." IRB Pre-Approved. IRB Protocol # 09-050-P2H. August 2009.

Investigator, "Efficiency and Patient Flow: Measuring Success by Time Data," UK General Internal Medicine Clinic, summer 2009.

Clinical/Project Coordinator, Bluegrass Care Clinic, University of Kentucky. "HIV and Exercise Intervention" College of Public Health Capstone Project, March 2004 to August 2004.

### *Published Journal Articles:*

**Schuer, KM.**, McNellis, R, Doll, M, Disclosing errors: the right thing to do. J. American Academy of Physician Assistants, August 2010 (pending print)

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McNellis, R, **Schuer, KM.**, Are you using checklists? Check! J. American Academy of Physician Assistants, July 2010

Doll, M, **Schuer, KM.**, Apathy Toward Patient Safety: Has 10 Years Made a Difference? J. American Academy of Physician Assistants, 2010; 23(2), 26-30.

**Schuer, KM.**, A Niche for PAs to Effect Change in our Health Care System. J. American Academy of Physician Assistants. 2009; 22(8), 10.

Empey, K. M. Hollifield, **Schuer, KM**, F. Gigliotti, and B.A. Garvy. Passive immunization of neonatal mice against *Pneumocystis carinii* f. sp. muris enhances control of infection. Infect. Immun. 2004; 72, 6211-6220.

Lund, F.E., M. Hollifield, **Schuer, KM**, T.D. Randall, and B.A. Garvy. B cells are required for priming of CD4 cells in response to *Pneumocystis* lung infection. J. Immunol. 2006; 176:6147-6154

## *Abstracts:*

G.A. Boissonneault, **Schuer, KM.**, (2010). Interprofessional Experiences in Physician Assistant Education. American Academy of Physician Assistants National Conference, Atlanta, GA. (Poster presentation)

Feola, D., M. Hollifield, **Schuer, KM**, W. Young, and B. Garvy (2001). Combination of Sulfamethoxazole/Trimethoprim (SMX/TMP) and Zidovudine (ZDV): Investigation of synergistic bone marrow toxicity in mice. Autumn Immunology Conference, Chicago, IL.

Qureshi, M.H., **Schuer, KM**, W. Young, M. Hollifield, and B.A. Garvy (2002). Inadequate upregulation of ICAM-1 and VCAM-1 is associated with delayed clearance of *Pneumocystis carinii* in neonates. ASM Immunity to Bacterial, Viral and Protozoal Infection Conference, Savannah, GA.

**Schuer, KM**, M. Hollifield, W. Young, F. Lund, and B.A. Garvy (2002). Fc $\gamma$ RI and III are important for clearance of *Pneumocystis carinii* from the lungs of mice. FASEB, New Orleans, LA.

W. Young, M. Qureshi, **Schuer, KM**, M. Hollifield, and B.A. Garvy (2002). Regulation of inflammatory cytokines in the lungs of neonatal mice infected with *Pneumocystis carinii*. FASEB, New Orleans, LA.

D.J. Feola, M. Hollifield, **Schuer, KM**, W. Young, and B.A. Garvy (2002). The Combination of Sulfamethoxazole/Trimethoprim (SMX/TMP) and Zidovudine (ZDV) induces apoptosis in bone marrow B-lineage cells in Mice and In Vitro. ICAAC, San Diego, CA.

M.H. Qureshi, **Schuer, KM**, M. Hollifield, and B.A. Garvy (2002). In vivo expansion of dendritic cells modulates the kinetics of *P. carinii* resolution in neonates. Autumn Immunology Conference, Chicago, IL.

Qureshi, M., **Schuer, KM**, M. Hollifield, S. Humphreys, and B.A. Garvy (2003). Exogenous TNF- $\alpha$  or GM-CSF administration differentially modulates neonatal lung environment and inflammatory responses to *Pneumocystis* infection. Autumn Immunology Conference, Chicago, IL.

## *Other:*

**Schuer, KM**, A Pfeifle, J Kuperstein, Working Document to the University of Kentucky's Provost, Kumble Subbaswamy: Clarion – A Transformative Interprofessional Learning Experience. Drafted and sent on behalf of the UK Clarion Committee as well as the University of Kentucky Deans Council. November 2009.

## **XII. PRESENTATIONS, SPEAKING ENGAGEMENTS AND GUEST LECTURES**

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## INTERNATIONAL

Federation of American Societies for Experimental Biology (FASEB), New Orleans, LA., April 2002. “FcγRI and III are important for clearance of *Pneumocystis carinii* from the lungs of mice” (Podium presentation).

## NATIONAL

Veterans Affairs Medical Center VISN/ Region 9 Patient Safety Summit, Nashville, TN., August 2009. “Patient Safety in the VAMC: A Fellow’s Perspective” (Invited speaker).

Virginia Academy of Physician Assistants (VAPA) State Conference, Virginia Beach, VA., July 2009. “Quality and Patient Safety: The Providers Role” (Invited speaker).

American Academy of Physician Assistants (AAPA) National Conference, San Diego, CA, May 2009. “Five Things that will Save Your Patient’s Life.” –AAPA Quality Care Committee (Podium presentation).

American Academy of Physician Assistants (AAPA) National Conference, San Francisco, CA, June 2006. “Epidemiology of dyslipidemia, fitness and exercise intervention in a male HIV-infected cohort.”

## LOCAL/ STATE

University of Kentucky College of Medicine, Center for Enterprise Quality and Safety, UK Quality Design-LEAN 2-Day Event, Lexington, KY., Invited speaker, Enterprise Clinical Faculty and Staff: “*Improving an Academic Internal Medicine Practice- Process improvement initiatives, UK Internal Medicine Group*” June 2010.

University of Kentucky College of Medicine, 16<sup>th</sup> Annual Preparing Health Professional for the 21<sup>st</sup> Century Conference: New Directions in Health Professions Education & Kentucky Practice- Based Research networks Collaborative Conference, Lexington, KY., Invited speaker, “*Professionalism. What is it? How do students learn it?*” April 17<sup>th</sup>, 2010.

University of Kentucky College of Health Sciences and the Institute for Health Care Improvement, WIHI Presentation: “Improving Errors in Diagnosis,” November 5<sup>th</sup>, 2009.

University of Kentucky College of Health Sciences, Physician Assistant Program, Lexington, KY., Lecture, Class of 2010 Clinical Year Students. PAS 654, Clinical Lecture Series I: “*Peripheral Vascular Disease.*” October 2008-2009

University of Kentucky College of Medicine, Process Improvement and Value Stream Mapping for Leadership at the Centers for Excellence in Rural Health in Kentucky, Lexington, KY., Invited speaker, “*Improving Process in Ambulatory Care via Value Stream Mapping.*” October 26<sup>th</sup>, 2009.

University of Kentucky College Medicine, Lexington, KY., Faculty Course Leader, MD 811: “*Introduction to Clinical Medicine.*” August 2009.

University of Kentucky College of Health Sciences, Physician Assistant Program, Lexington, KY., Lecture, Class of 2010 Clinical Year Students. PAS 654, Clinical Lecture Series I: “*Cardiac Infections and Valvular Heart Disease.*” October 2008-2009

University of Kentucky College of Health Sciences, Physician Assistant Program, Lexington, KY., Lecture, Class of 2010 Clinical Year Students. PAS 654, Clinical Lecture Series I: “*Peripheral Vascular Disease.*” October 2008-2009

University of Kentucky College of Health Sciences, Physical Therapy Doctoral Program, Lexington, KY., Lecture, 1<sup>st</sup> Year Doctoral Students. PT 854, the Biology of Disease: “*Introduction to Diabetes for the Physical Therapist.*” January 2009, 2010.

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University of Kentucky College of Health Sciences, Physician Assistant Program, Lexington, KY., Lecture, Class of 2010 Clinical Year Students. PAS 654, Clinical Lecture Series I: “*Central Nervous System Tumors, Multiple Sclerosis and Myasthenia Gravis.*” October 2008.

University of Kentucky College of Medicine, Center for Enterprise Quality and Safety, UK Quality Design-LEAN 2-Day Event, Lexington, KY., Lecture, Enterprise Clinical Faculty and Staff: “*Tools 2: the LEAN Approach to ‘Stop the Line,’ ‘5s in the Workplace,’ and ‘Plus Deltas.’*” October 2008.

University of Kentucky College of Health Sciences, Physician Assistant Program, Lexington, KY., Lecture, Class of 2010 Clinical Year Students. PAS 657: “*Universal Precautions.*” September 2008.

University of Kentucky College of Health Sciences, Physician Assistant Program, Lexington, KY., Lecture, Class of 2010 Clinical Year Students. “*Patient Safety: An Overview.*” March 2008.

University of Kentucky College of Medicine, Family and Community Medicine Residency Program, Lexington, KY., Lecture, Family and Community Medicine Residents. “*LEAN 101, Implementing Change.*” February 2008.

University of Kentucky College of Health Sciences, Physician Assistant Program, Lexington, KY., Lecture, Class of 2008 Clinical Year Students. “*Patient Safety, Isn’t This Just Common Sense?*” September 2007.

University of Kentucky Bluegrass Care Clinic, HIV Support Group Grand Rounds/ Patient Advocacy Workshop, Lexington, KY., Lecture, “*HIV, Cardiovascular Disease Risk and Exercise Intervention: Study Update.*” August 2007.

University of Kentucky College of Public Health Research Symposia, Lexington, KY., Lecture/ Poster Presentation, “*HIV-Associated Metabolic Disorder and Exercise Intervention.*” May 2004.

Kentucky Public Health Association (KPHA) State Conference, Louisville, KY., Podium Presentation, “*HIV-Associated Metabolic Disorder and Exercise Intervention.*” September 2004.

## **XIII. AWARDS/ HONORS**

Faculty Class Advisor Awarded, UK Physician Assistant Studies Class of 2011. January 2009.

Fellowship Awarded: Interprofessional Fellow in Health Care Quality and Patient Safety. Awarded through the National Center for Patient Safety (NCPS), Ann Arbor, MI. 2007-2008 Fellow.

UK College of Public Health “Young Investigator Award,” Received at the 1<sup>st</sup> Annual UK College of Public Health Research Symposium. “Dyslipidemia and Exercise Intervention in an HIV Positive Male Cohort.” Poster 1<sup>st</sup> Place Prize, \$300.00 award, Spring 2004.

## **XIV. COMMUNITY SERVICE**

Joseph Hamburg Student Society Member, 2005 to present

Centenary United Methodist Church, Music Ministry Member, 2005 to present. Lexington, KY

Centenary United Methodist Church, Worship Leader Alpha Course, 2005 to present. Lexington, KY

Lexington Hearing and Speech Center, Parent Volunteer, 2003 to present. Lexington, KY

Lexington Christian Academy, Varsity Soccer Coach, 1998 to 2002. Lexington, KY

Member, United States Golf Association (USGA), Member since 1998.

Member, Kentucky Golf Association (KGA), Member since 2001.

Singer/ Musician/ Primary Songwriter for the band “*The Schuers,*” 1998 to present.

Albums: *Trevor* (1998), *StepOutside* (2001)

Songs/ Albums marketed and solicited nationally thru vendors such as *iTunes, Amazon.com,* and *Barnes and Nobel Booksellers*

