

University of Pittsburgh
School of Medicine

Andrew R. Buchert, M.D.

Office

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EDUCATION and TRAINING

UNDERGRADUATE

1999-2002	North Carolina State University Raleigh, NC	Bachelor of Science 2002	Biological Sciences
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GRADUATE

2002-2006	University of North Carolina School of Medicine Chapel Hill, NC	Doctor of Medicine 2006
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POSTGRADUATE

2006-2009	University of Alabama at Birmingham The Children's Hospital of Alabama Birmingham, AL	Pediatrics Residency Michele Nichols, M.D. (Program Director)
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APPOINTMENTS and POSITIONS

ACADEMIC

2009-	University of Pittsburgh School of Medicine Department of Pediatrics Division of Pediatric Hospital Medicine UPMC Children's Hospital of Pittsburgh Pittsburgh, PA	Assistant Professor of Pediatrics
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2011-	University of Pittsburgh Center for Bioethics and Health Law Pittsburgh, PA	Affiliate Faculty
2017-	Carnegie Mellon University Heinz College Pittsburgh, PA	Adjunct Faculty

NON-ACADEMIC

2015-	Wolff Center at UPMC Pittsburgh, PA	Associate Medical Director GME Quality and Safety
2014-	UPMC Children's Hospital of Pittsburgh Pittsburgh, PA	Medical Director for Clinical Resource Management
2013-	UPMC Children's Hospital of Pittsburgh Pittsburgh, PA	Medical Director for Education Outreach
2012-	UPMC Medical Education Pittsburgh, PA	Co-Director, GME Quality and Safety

CERTIFICATION and LICENSURE

SPECIALTY CERTIFICATION

American Board of Pediatrics	
General Pediatrics	2009-Present
Pediatric Hospital Medicine	2019-Present

MEDICAL or OTHER PROFESSIONAL LICENSURE

Pennsylvania State Board of Medicine	2009-Present
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MEMBERSHIPS in PROFESSIONAL and SCIENTIFIC SOCIETIES

American Association for Physician Leadership (formerly American College of Physician Executives)	2012-Present
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PUBLICATIONS

ORIGINAL PEER REVIEWED ARTICLES

1. Evaluating the Clinical Learning Environment: Resident and Fellow Perceptions of Patient Safety Culture
Gregory M. Bump, Jaclyn Calabria, Gabriella Gosman, Catherine Eckart, David G. Metro, Harish Jasti, Julie B. McCausland, Jason N. Itri, Rita M. Patel, and **Andrew R. Buchert**
Journal of Graduate Medical Education, March 2015
2. Comparing Trainee and Staff Perceptions of Patient Safety Culture
Bump GM, Coots N, Liberi CA, Minnier TE, Phrampus PE, Gosman G, Metro DG, McCausland JB, **Buchert A**
Academic Medicine, June 2016
3. Making Residents Part of the Safety Culture: Improving Error Reporting and Reducing Harms
Fox MD, Bump GM, Butler GA, Chen LW, **Buchert AR**
Journal of Patient Safety, January 2017

OTHER PEER REVIEWED PUBLICATIONS

1. Chronic Granulomatous Disease Presenting as Aseptic Ascites in a 2-Year-Old Child
J. F. Moreau, John A. Ozolek, P. Ling Lin, Todd D. Green, Elaine A. Cassidy, Veena L. Venkat, and **Andrew R. Buchert**
Case report
Case Reports in Immunology, Volume 2013

OTHER NON-PEER REVIEWED PUBLICATIONS

1. Clinical Pathways: Driving High-Reliability and High-Value Care
Buchert AR, Butler GA
Pediatric Clinics of North America, April 2016

ABSTRACTS

1. "Implementation of an Acute Care Clinical Pathway for the Management of Pediatric Constipation Improves Process Control"
Vikram K. Raghu, Katherine E. Gaughan, Cecilia M. Verner, Tracy A. Pasek, Gabriella A. Butler, Jeffrey A. Rudolph, Arvind I. Srinath, **Andrew R. Buchert**
Presented at Digestive Disease Week 2019
San Diego, CA
May 2019

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2. “Improving Pediatric Sepsis Outcomes at UPMC Children’s Hospital of Pittsburgh: Successful Implementation of Systematic Sepsis Screening and Multidisciplinary Bedside Huddles”
Adrienne Marcinick, Ashley Kimble, Cecilia Verner, Scott Coglio, Daniel Loeb, Kristina Gaietto, Michael Freedman, Allison Rometo, Neema Shah, Katharina Hayes , Audra Dawson, Patricia Mclendon, Kelly Bricker, Elizabeth Ferguson, Kelli Crowley, Stacey Cote, Holly Warmus, Ann Terzis, Amanda Petrill, Tonya Evangelista, Susan Wible, Jacqueline Kwasniewski, Lauren Christy , Kimberly Ackerman, Tracey Presel, Gabriella Butler, Sheila Hahner, **Andrew Buchert**, Joseph Carcillo, Vikram Raghu, James Bowen, Jeffrey Rudolph, Matthew Valente, Lauren Alessi, Priya Marathe, Sylvia Choi, Elizabeth Landzberg , Derek Whitehurst, Johanna Rosen, Christopher Horvat
*Presented at UPMC Children’s Hospital of Pittsburgh Quality Week 2019
Pittsburgh, PA
October 2019*
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PROFESSIONAL ACTIVITIES

INVITED LECTURES

- “Driving Outcomes Improvement in Clinical Quality and Patient Care Operations Using Clinical Effectiveness Data: A blueprint”
*Invited workshop, Pediatric Academic Societies Meeting
Baltimore, MD
April 2019*
- “Gold, Engagement, and Data: Challenges in the Safety and Quality Journey”
*Invited presentation, 2019 ACGME Annual Educational Conference
Orlando, FL
March 2019*
- “Harnessing Tailored Clinical Effectiveness Data to Drive Improvement and High-Value Care”
*Invited presentation, AAMC Information Technology in Academic Medicine Conference
Austin, TX
June 2018*
- “Driving High-Value Care using Tailored Clinical Effectiveness Data”
*Invited presentation, Quality and Safety in Children’s Health Conference
San Diego, CA
March 2018*

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“Driving High-Value Care via Clinical Pathways”

*Invited presentation, Pediatric Grand Rounds, Eastern Virginia Medical School
and Children’s Hospital of the King’s Daughters
Norfolk, VA
February 2018*

“Driving High-Value Care via Clinical Pathways”

*Invited presentation, 29th Annual National Forum on Quality Improvement in
Health Care
Orlando, FL
December 2017*

“Capitalizing on Clinical Pathways to Drive Strategy and High-Value Care”

*Invited presentation, CHA Annual Leadership Conference
New Orleans, LA
November 2017*

“Capitalizing on Resident Physicians to Improve Safety Culture”

*Invited presentation, SPS Mid-Atlantic Conference
Norfolk, VA
October 2017*

“Driving High-Value Care at CHP”

*Invited presentation, 2017 Health Care Quality Week
Children’s Hospital of Pittsburgh of UPMC
Pittsburgh, PA
October 2017*

“Using External Benchmarking as a Complement to our Clinical Pathways Selection and Development Process”

*Invited presentation, 2017 Pediatric Health Information System (PHIS) Spring
Meeting
Orlando, FL
March 2017*

“Driving High-Reliability and High-Value Care via Clinical Pathways”

*Invited presentation, Quality and Safety in Children’s Health Conference
Orlando, FL
March 2017*

“Capitalizing on Resident Physicians to Improve Safety Culture”

*Invited presentation, CHA Quality and Safety Leaders Forum, Spring Meeting
Orlando, FL
March 2017*

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“Imprinting Safety and Quality Practices on Residents and Fellows”
Invited presentation, 2017 ACGME Annual Educational Conference
Orlando, FL
March 2017

“The New Beat of Frontline Engagement”
Invited presentation, SPS Mid-Atlantic Conference
Washington, DC
November 2016

“Capitalizing on Resident Physicians Improves Safety Culture”
Invited presentation, 2016 American Association for Physician Leadership
Annual Meeting
Washington, DC
April 2016

“Using Comparative Data to Advance Organizational Strategy”
Invited presentation, 2016 Pediatric Health Information System (PHIS) Spring
Meeting
New Orleans, LA
March 2016

“Engaging Residents in Patient Safety and QI Work at the Institutional Level”
Presented as a part of the workshop “A CLER Aim: Leveraging Trainees to
Improve Care” at the 2015 Institute for Healthcare Improvement National Forum
Orlando, FL
December 2015

“Facilitating Change in the Patient Safety Culture of the Clinical Learning Environment”
Invited workshop, 2015 Association for Hospital Medical Education Institute
San Diego, CA
May 2015

“Engaging Residents in Patient Safety and QI Work: An integral step in the culture
change of the institution”
Invited lecture, Quality and Safety in Children’s Health Conference
San Francisco, CA
March 2015

“The CLE Symposium – Part 2: Focus on Patient Safety, Quality Improvement, and
Transitions of Care”
Invited panelist, 2014 Association for Hospital Medical Education Institute
Charleston, SC
May, 2014

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“Making Residents and Fellows an Essential Cog in the PSQI Machinery: a Root Cause Analysis”

*Invited workshop, 13th Annual UPMC GME Leadership Conference
February, 2014*

“An Introduction to Patient Safety and Quality Improvement in Healthcare,”

*Invited lecture, presented at the Three Rivers Pediatric Update at Children’s
Hospital of Pittsburgh of UPMC
May 2013*

“Patient Safety and Error Reporting and Prevention”

*Unified Fellows Course lecture for CHP pediatric subspecialty fellows
December 2013*

“An Introduction to Patient Safety and Error Reporting”

*Noon conference lecture for CHP pediatrics residents
August 2013*

“An Introduction to Quality Improvement: Some tools, applications, and ideas,”

*Invited lecture, presented to the Children’s Hospital of Pittsburgh of UPMC
pediatric ENT residents and fellows, pediatric Endocrine fellows, pediatric
Cardiology fellows, pediatric Nephrology fellows, Neonatology fellows, pediatrics
Neurology fellows, and Adolescent Medicine fellows
October 2010
August 2011
September 2011
October 2011
March 2012*

“Quality Improvement in Healthcare: What we’ve learned from manufacturing and
rocket science can change and improve your practice,”

*Invited lecture, presented at the Pittsburgh Academy of Dentistry Medical
Presentation Day, Pittsburgh, PA.
January 2011*

“An Introduction to Quality Improvement: Some tools, applications, and ideas,”

*Invited lecture, presented to the Children’s Hospital of Pittsburgh of UPMC
Diagnostic Referral Group faculty
November 2010.*

Adjunct Faculty and Instructor, High Reliability in Health Care
Heinz College, Carnegie Mellon University

Faculty Adviser, Patient Safety and Quality Improvement Interest Group, University of
Pittsburgh School of Medicine

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Faculty, Senior Safety Rounds, Pediatrics Residency Program, Children's Hospital of Pittsburgh of UPMC

Faculty, Intern To Err is Human, Pediatrics Residency Program, Children's Hospital of Pittsburgh of UPMC

Population Health Course

Facilitator for small group sessions on patient safety and quality improvement in this course for second year medical students at the University of Pittsburgh School of Medicine

January 2012

November 2012

November 2013

November 2014

November 2017

December 2017

November 2018

November 2019

Resident Communication Course

Facilitator for PL-2 session for Pediatrics housestaff at Children's Hospital of Pittsburgh of UPMC

October 2009

October 2010

September 2011

September 2013

September 2015

September 2017

Advanced Medical Interviewing Course

Facilitator for University of Pittsburgh second-year medical students

January 2012

January 2013

January 2014

January 2015

January 2016

January 2017

January 2018

January 2019

January 2020

Pediatrics Advanced Physical Examination Course

Preceptor for University of Pittsburgh first and second-year medical students

November 2009

March 2010

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*October 2010
March 2011
October 2011
October 2012
October 2013
February 2014
February 2015
October 2015
April 2016
September 2016
April 2017
February 2018
October 2018
October 2019
February 2020*

Medical Student Ethics Conferences – PIMC Clerkship

*Co-facilitator for weekly ethics conferences held for University of Pittsburgh third-year medical students during their inpatient Pediatrics rotation
Fall 2009 - 2015*

Medical Student Case Conference – PIMC Clerkship

*Facilitated a Student Case Conference for University of Pittsburgh third-year medical students during their inpatient Pediatrics rotation
February 2010
May 2012*

Supervising Physician and Clinical Educator for Pediatric Housestaff at Children's Hospital of Pittsburgh of UPMC

Supervising Physician and Clinical Educator for University of Pittsburgh third-year medical students during their inpatient Pediatrics rotation

Supervising Physician and Clinical Educator for University of Pittsburgh fourth-year medical students during their inpatient Pediatrics acting internship

MENTORING

2 UPMC Beckwith Institute Frontline Innovation Grant recipients, November 2019

- 1. Tracy Pasek, RN, DNP for her project “*The Comfort Ability*” for Children and Adolescents who Suffer from Chronic Migraine or Headache (HA) - \$20,000**
- 2. Maria Cecilia Dancisin, MBA for her project “Pioneering a Language Access Program in Outpatient Clinics for English Learners at UPMC Children's Hospital of Pittsburgh” - \$5574**

Member: Scholarship Oversight Committee for Vikram Raghu, MD, Pediatric Gastroenterology Fellow PGY-6, UPMC Children's Hospital of Pittsburgh

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James E. Levin Internship Mentor and Director: Carlyn Van Dyke, Master's Candidate, Health Care Policy and Management, Carnegie Mellon University Heinz College of Information Systems and Public Policy

Project Mentor: Maria Cecilia Dancisin, MBA, Manager, International Department, UPMC Children's Hospital of Pittsburgh

Project Mentor: Terry Harrington, Project Manager, UPMC Medical Education

RESEARCH (Non-grant funded QI projects and poster presentations)

"Resident and Fellow Perceptions of Patient Safety Culture"

*Poster presentation, 2014 Association for Hospital Medical Education Institute
Charleston, SC
May, 2014*

"Resident and Fellow Perceptions of Patient Safety Culture"

*Oral abstract presentation at the 13th Annual UPMC GME Leadership
Conference
February 2014*

"Resident and Fellow Perceptions of Patient Safety Culture"

*Poster presentation at the UPMC Quality and Safety Symposium
October 2013*

"Our Patient Safety and QI Curriculum and its Impact on Our Hospital's Journey
Towards a Culture of Safety"

*Poster presentation at the APPD/COMSEP 2013 Combined Annual Meeting in
Nashville, TN
April 2013*

"Our Patient Safety and QI Curriculum and its Impact on Our Hospital's Journey
Towards a Culture of Safety"

*Poster presentation at the 2013 UPMC GME Leadership Conference
February 2013*

"Turning Gripes Into Changes: Our QI Curriculum After One Year"

*Poster presentation at the 2012 UPMC GME Leadership Conference
February 2012*

"The Use of Patient Simulation to Teach Pediatric Cardiology Diagnosis and
Management"

*Faculty adviser and co-author
Oral presentation at the 2012 UPMC GME Leadership Conference
February 2012*

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*Poster presentation at the Association of Pediatric Program Directors 2012
Annual Meeting in San Antonio, TX
March 2012*

*“Turning Gripes Into Changes: A Quality Improvement Curriculum”
Poster presentation at the Association of Pediatric Program Directors 2011
Annual Meeting in Miami, FL
April 2011*

*“Turning Gripes Into Changes: A Quality Improvement Curriculum”
Poster presentation of the Children’s Hospital of Pittsburgh of UPMC Resident QI
Curriculum
Presented at the 2011 UPMC GME Leadership Conference
February 2011*

QI project to improve Children’s Hospital of Pittsburgh of UPMC management of outside
hospital films
*Faculty adviser and co-leader
January 2011 - Present*

QI project to improve inpatient asthma education on Limited Stay Unit at Children’s
Hospital of Pittsburgh of UPMC
*Faculty adviser and co-leader
October 2011 - Present*

QI project to improve identification and management of obesity in children in the
inpatient setting at Children’s Hospital of Pittsburgh of UPMC
*Faculty adviser
March 2012 - Present*

Diagnostic Referral Group Asthma QI Project
*Co-leader
January-June 2010*

LIST of CURRENT RESEARCH INTERESTS

Patient safety
Health care quality improvement
Hospital care of pediatric patients
Hospital care management and discharge optimization
Hospital readmissions
Payor-payee relationships
Bioethics
Health law
Housestaff education

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SERVICE and ADMINISTRATIVE ACTIVITIES

UPMC Children's Hospital of Pittsburgh

Co-Leadership Sponsor: UPMC Children's Hospital of the Future Vision 2025 - Finance Pillar

Co-Chair: Clinical Resource Management Committee

Co-Chair: Care Coordination and Utilization Review Committee

Member: Clinical Quality and Patient Safety Oversight Committee

Member: Pediatric Asthma Stakeholders Group

Member: Direct Admission Leadership Team (PCORI-funded Project)

Poster Judge: CHP Quality Week

Member: Medical Director Group

Pennsylvania Pediatric Health Network

Member: Clinical Integration and Health IT / Population Health Committee

Department of Pediatrics

Member: MOC Committee

Member: Pediatric Grand Rounds Committee

UPMC

Member: UPMC Medical Education Board of Directors

Member: UPMC Medical Education DIO Team

Member: Graduate Medical Education Committee

Associate Medical Director for GME Quality and Safety: Wolff Center at UPMC

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Member: UPMC Professional Practice Evaluation Committee

EXTERNAL

UPMC CHP Representative: Children's Hospital Association (CHA) Quality and Safety Leaders Forum

Children's Hospitals Solutions for Patient Safety (SPS) Atlantic Coast Region Planning Group

Adjunct Faculty: Carnegie Mellon University