

# SCOTT ALLEN SHIPMAN, MD, MPH

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## OBJECTIVE

To provide effective leadership in guiding successful high value clinical redesign and care integration efforts, create substantive stakeholder engagement and alignment, and drive systems-based change to solve complex, real world health care challenges.

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## PROFESSIONAL SUMMARY

- ❖ 1+ years *establishing an institute for population health*, focusing on academic capacity-building, community relationships, policy and advocacy efforts, and health system partnerships
  - ❖ 10 years *guiding clinical transformation and integration in ambulatory clinical care* in large, complex health systems throughout the U.S.
  - ❖ 14 years of *leadership & advocacy promoting effective models to maximize physician workforce capacity and effectiveness*
  - ❖ 16 years conducting *health services research*, leading interdisciplinary teams to support evidence-based practice and policy
  - ❖ 15 years as a *practicing physician*, including 12 *in primary care* (general pediatrics) and 3 *in specialty care* (pediatric orthopedics/ non-operative musculoskeletal medicine)
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## CURRENT POSITION

### Creighton University – Omaha, NE and Phoenix, AZ (2022 – Present)

CyncHealth Endowed Professor of Population Health

Founding Executive Director, Institute for Population Health

Responsibilities include, but not limited to:

- Plan and develop from inception a university-wide institute of population health, Creighton's first *Institute of Excellence*
  - Engage deans of colleges of medicine, nursing, pharmacy, dentistry, law, business, and arts & sciences to build alignment and support for university-wide endeavors
  - Engage community leaders in Nebraska and Arizona, acknowledging historical precedents and building for future collaborations in promoting health equity and population health
  - Establish a Phoenix-based workforce diversity and recruitment program for physicians, nurses, and physician assistants
  - Create a masters degree and certificate program in *Implementation Science and Systems Innovation*
  - Board member of state health information exchange (CyncHealth)
  - Work with Creighton-affiliated health system leaders at CHI Health, Dignity Health, Valleywise (Maricopa County), and St. Vincent de Paul clinic
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## RECENT POSITIONS

### Association of American Medical Colleges (AAMC) – Washington, D.C. (2010- 2022)

2017-2022 **Director of Clinical Innovations**

Responsibilities include, but not limited to:

- Identify and spread clinical innovations that support sustainable transition to high value care
- Engage with health system leaders and teams to prioritize clinical redesign strategies in support of institutional goals
- Understand and align key stakeholders' perspectives and priorities in executing clinical innovations
- Inform policy strategies that enable scaling of effective care innovations
- Manage a team of dedicated staff, focused on high quality service to health system leaders

2012-2017 **Director of Primary Care Initiatives and Workforce Analysis**

Responsibilities include, but not limited to:

Name: Scott A. Shipman MD MPH

- Coordinate organization's workforce research and related engagements in support of primary care
- Collaborate with national primary care leaders and organizations to support effective training, delivery, and financing of primary care
- Regulatory and legislative advocacy in support of effective workforce policy in primary care delivery and training

*Key Accomplishments - AAMC Include:*

- Principal investigator for \$7.1 million Health Care Innovation Award from the Center for Medicare and Medicaid Innovations (CMMI) at CMS
  - Created and led Project CORE (Coordinating Optimal Referral Experiences), an innovative clinical model targeting better communication/ coordination at the interface of primary care and specialty care
  - Successfully directed multi-year implementation of the CORE model within academic medical centers (AMCs) across the country, across hundreds of primary care practices and more than 75 specialties, demonstrating improved access and quality in a financially sustainable fashion
  - Developed and oversaw program evaluation plan, which demonstrated significant return on investment, achieving higher value care, better access, and high levels of patient and provider satisfaction
- Created and led a clinical consultative team within AAMC to deliver significant expansion of CORE model to >45 AMCs across 22 states as of June 2022
- Directed advocacy and technical feedback to CMMI and CMS, commercial payers, and Medicaid directors, contributing to new payment codes and Medicare reimbursement for eConsults
- Established a national network of physicians focused on implementing ambulatory clinical innovations
- Co-produced a series of reports on clinical redesign and population health in primary care residencies, currently used by GME programs across the country
- Co-led study and publication of guidelines for approaches to optimize access in ambulatory care
- Established and led AAMC telehealth portfolio: established a national advisory committee; several publications including a. national clinician competencies in telehealth delivery, and b. health system imperatives for effective telehealth integration; established grants program and associated member collaborative focused on ensuring equitable access to telehealth; workforce development for telehealth optimization; federal advocacy on telehealth policy
- Conducted and advised on workforce research agenda for AAMC, promoting inclusion of the impact of clinical redesign on workforce needs

2006-2012 **Assistant Professor, Departments of Pediatrics, Community and Family Medicine, and The Dartmouth Institute of Health Policy & Clinical Practice, Dartmouth Hitchcock Medical Center and Geisel School of Medicine**

Responsibilities included, but not limited to:

- Advisory role to senior primary care and population health leaders at Dartmouth Hitchcock
- Course director and faculty roles in Dartmouth MPH program (both traditional residential program and hybrid online program)
- Director, New Hampshire AHEC (Area Health Education Center)
- Health workforce researcher, research advisor, and workforce policy advisor
- Clinical care in inpatient and outpatient general pediatrics and outpatient nonoperative pediatric orthopedics, and training of medical students and residents in same

*Key Accomplishments Include:*

- Senior advisor on implementation of a range of clinical innovations, e.g. medical director of first physician assistant training program in the state; executive committee for systemwide primary care redesign; consultant on specialty access improvement; advisor to establishment of community health worker program; executive sponsor for pediatric eConsult program; co-chair of Practice Transformation subcommittee for NH State Innovation Model (SIM) planning grant
- Conducted research and provided national and state-based consultation on healthcare workforce policy, workforce training, and clinical redesign
- Created and directed capstone course for Dartmouth MPH program

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**EDUCATION**

1999-2001	<b>Johns Hopkins Bloomberg School of Public Health</b> <i>Masters of Public Health</i>	Baltimore, MD
1991-1995	<b>University of Nebraska</b> <i>Doctor of Medicine (MD)</i>	Omaha, NE
1988-1991	<b>Nebraska Wesleyan University</b> <i>Bachelor of Science – Summa Cum Laude</i>	Lincoln, NE
1987-1988	<b>University of Notre Dame</b>	Notre Dame, IN

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**POST DOCTORAL TRAINING**

2001-2002	<b>National Research Service Award Fellow</b> Department of Health Policy and Management Johns Hopkins Bloomberg School of Public Health	Baltimore, MD
1999-2001	<b>Robert Wood Johnson Clinical Scholars Program</b> Johns Hopkins University School of Medicine	Baltimore, MD
1998-1999	<b>Chief Resident in Pediatrics</b> Dartmouth Hitchcock Medical Center	Lebanon, NH
1995-1998	<b>Pediatric Internship and Residency</b> Dartmouth Hitchcock Medical Center	Lebanon, NH

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**LICENSURE AND CERTIFICATION**

<u>DATE</u>	<u>LICENSURE/CERTIFICATION</u>
1999/2006	Diplomate, American Board of Pediatrics  Inactive Medical Licenses: New Hampshire, Oregon, Maryland and Vermont

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**ADDITIONAL PAST ACADEMIC APPOINTMENTS AND WORK EXPERIENCE**

2008-2012	<b>Co-Founder and Medical Director</b> , Franklin Pierce University Physician Assistant Program
2002-2006	<b>Assistant Professor, Division of General Pediatrics</b> , Department of Pediatrics, Doernbecher Children’s Hospital, Oregon Health & Science University
2002-2006	<b>Assistant Professor, Division of Health Services Research</b> , Department of Public Health and Prevention, Oregon Health & Science University
2004-2006	<b>Founding Director</b> , Doernbecher Children’s Safety Center
2001-2002	<b>Senior Research Associate, Division of Medical Education</b> , Association of American Medical Colleges, Washington, D.C.
1999-2002	<b>Outpatient Clinical Preceptor</b> , Harriet Lane Clinic, Johns Hopkins Hospital
1999-2002	<b>Pediatric Hospitalist (p/t)</b> , Carroll Country Medical Center (Westminster, MD)

- 1998-1999 **Clinical Instructor**, Department of Pediatrics, Dartmouth Medical School
- 1998-1999 **Contract Physician (p/t)**, Pediatric Intensive Care Unit, Children's Hospital at Dartmouth (inpatient critical care and transports)
- 1998-1999 **Pediatrician (p/t)**, Hitchcock Pediatrics Clinic- Concord, (outpatient acute care)

**Additional Orthopedics/Sports Medicine Training and Experience Available Upon Request**

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**ACADEMIC AND PROFESSIONAL APPOINTMENTS: NATIONAL, REGIONAL, AND LOCAL**

<u>DATE</u>	<u>INSTITUTION/TOPIC</u>	<u>TITLE/MEMBERSHIP</u>
<b>NATIONAL:</b>		
2021-	American Telemedicine Association	<i>CEO Advisory Committee</i>
2020-	American Board of Telemedicine	<i>National Advisory Cmte</i>
2020-2021	Society for Teachers of Family Medicine (STFM)	<i>Telehealth Task Force</i>
2016-	Eugene Farley Health Policy Center, University of Colorado	<i>Steering Committee</i>
2015-2017	National Health Service Corps, U.S. Dept. of Health and Human Services	<i>National Advisory Council</i>
2015-2017	National Academy of Medicine (formerly IOM), Leadership Consortium for Value & Science-Driven Health Care, Care Culture and Decision-Making Innovation Collaborative	<i>Member</i>
2013-2014	Institute for Healthcare Transformation, University of Utah Health Sciences Center	<i>Scientific Advisory Board</i>
2012-2016	NMF-GE Primary Care Leadership Program, National Medical Fellowships	<i>National Advisory Committee</i>
2012-2014	AHRQ: Collecting Data on Physicians and their Practices Contractor: Mathematica	<i>Technical Expert Panel</i>
2011-2013	Physician Workforce Projections Project, UNC Sheps Center	<i>Advisory Panel</i>
2010-2011	Health Shortage Designations for the Health Resources and Services Administration	<i>Alternate delegate- Negotiated Rulemaking Comm</i>
2007-2012	Accreditation Review Commission on Education for Physician Assistants	<i>Commissioner, appointed by American Academy of Peds</i>
2005 - 2018	International Health Workforce Advisory Conferences	<i>US Delegate</i>
2005	Robert Graham Center Child Health Workforce Study	<i>Advisory Board</i>
2002-2005	American Board of Pediatrics	<i>Research Advisory Committee</i>
2004	Robert Graham Center Family Medicine Workforce Study	<i>Advisory Board</i>
1998-2001	General Pediatrics Faculty Development Scholars Program of the Ambulatory Pediatric Association	<i>Advisory Committee</i>
1997-1999	Pediatric Chairpersons' (AMSPDC) Task Force on Ethical Recruitment and Retention of Residents	<i>Resident Liaison</i>
<b>STATE/REGIONAL:</b>		
2015	Practice Transformation Workgroup, NH State Innovation Model (SIM) planning grant	<i>Co-Chair</i>
2013-2017	New Hampshire Area Health Education Consortium (AHEC)	<i>Principal Investigator and Medical Director</i>
2010 – 2019	New Hampshire Governor's Primary Care Workforce Commission	<i>NH Medical Society Appointee</i>
2003-2006	Oregon Healthcare Research and Evaluation Collaborative, Oregon Rural Practice-based	<i>Research Network Liaison</i>
2003-2006	Oregon Pediatric Research in Office Settings (PROS) Network	<i>State Coordinator</i>
<b>LOCAL:</b>		
2012 – 2015	Diversity Council, Dartmouth Medical School	<i>Diversity Council</i>
2008 – 2011	Admissions, Dartmouth Medical School	<i>Admissions Committee</i>
2005-2006	IRB Chair's Advisory Council, OHSU	<i>Advisory Council</i>

2003-2006	Oregon Rural Practice-based Research Network	<i>Steering Committee</i>
2003-2006	AHEC/ Primary Care Clerkship, OHSU	Oversight Committee
2003-2004	LCME site visit Task Force, OHSU	<i>Task Force</i>
2003-2005	Medical school admissions interviewer, OHSU	Admissions Team
2002-2006	Doernbecher Children's Hospital, Residency Curriculum	<i>Curriculum Committee</i>
1998-1999	Dartmouth Hitchcock Medical Center, Graduate Curriculum	<i>Education Committee</i>
1996-1999	Children's Hospital at Dartmouth, Curriculum Committee	<i>Curriculum Committee</i>

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**TEACHING ACTIVITIES:**

**A. DIDACTIC EDUCATION - FACULTY, RESIDENTS, MEDICAL STUDENTS**

**Geisel School of Medicine at Dartmouth and Dartmouth Institute for Health Policy and Clinical Practice (TDI)**

- 2016-2019 Faculty for MPH Practicum, Dartmouth TDI Online MPH Program
- 2006-2013 Course director, MPH Capstone/ Master's Thesis, Dartmouth TDI MPH Program
- 2006-2013 Course co-director, MPH Internship, Dartmouth TDI MPH Program
- 2006-2013 *Lectures:*
  - Measuring Quality using Administrative Data (Advanced methods in Health Services Research)
  - Race and Ethnicity in Health Services Research (Advanced methods in Health Services Research)
  - Childhood Obesity (Critical Issues in Health and Healthcare)
  - Maternal and Child Health (MPH Seminar)
  - Use of Geography in Health Services Research (Geography of Health)
  - Musculoskeletal medicine in pediatrics (MS III lectures)
  - Pediatric musculoskeletal lecture series (pediatric residency)
  - Pediatrics Journal club preceptor (pediatrics residency)
  - Pediatric adolescent lecture series (MS II, pediatrics residency)

**Oregon Health & Science University**

- 2002-2006
  - Lead faculty advisor, pediatric resident journal club (monthly)
  - Sports medicine lecture series (quarterly)
  - Evidence-based medicine lecture series (quarterly)
  - Injury Prevention lecture series (sporadic)
  - Small group preceptor for Epidemiology program for 1<sup>st</sup> year medical students

**Johns Hopkins Bloomberg School of Public Health**

- 1999-2002
  - Didactic sports medicine conferences for pediatrics residents, community hospital pediatric departments, and community family medicine training programs
  - Small group facilitator for pre-clinical medical school course *Physician & Society*
  - Teaching assistant for School of Public Health graduate course "Outcomes Research and Improving Quality of Care" (professors Neil Powe, MD, MPH, MBA and Don Steinwachs, PhD)

**B. CLINICAL TEACHING AND SUPERVISION**

**Dartmouth Hitchcock Medical Center and Geisel School of Medicine**

- 2006-2011
  - Preceptor in general pediatrics ambulatory clinic, continuity clinic
  - Preceptor in pediatric orthopedics clinic
  - Inpatient ward, newborn nursery attending
- 1998-1999
  - *Chief Resident:* morning report, didactic conference schedule, medical student rounds and lectures
  - Preceptor in pediatric continuity clinic, ambulatory care clinic, and sports medicine clinic
  - Inpatient ward attending, newborn nursery attending

**Oregon Health & Science University/ Doernbecher Children's Hospital**

- 2002-2006
  - Preceptor in general pediatrics ambulatory clinic, continuity clinic

- Inpatient ward attending
- Mother Baby Unit (maternity ward) attending

**Johns Hopkins Bloomberg School of Public Health**  
1999-2001

- Preceptor in Harriet Lane Outpatient Center

**MENTORSHIP: JUNIOR FACULTY, RESIDENTS, GRADUATE STUDENTS & UNDERGRADUATES**

Anna Erway, Internship at AAMC, systematic review of telehealth impact on utilization of care (2017)

Christine Arsnaw, MD Pediatric resident research elective, pediatrician perceptions of the role of longitudinal subspecialty care (poster at Pediatric Academic Societies Mtg, 2016)

Joana Riley, MD Pediatric resident research elective, trends in career and family implications of 2-physician households (national presentation at AAMC Workforce Mtg, 2013)

Hannah Kuhar, Dartmouth College student studying medical school mission statements and workforce outcomes (national presentation at AAMC Workforce Mtg, 2013)

Joseph Park, GW medical student, internship at AAMC studying medical school mission statements and workforce outcomes (national presentation at NAPCRG, 2012)

Susan Durham, MD, Assistant Professor of Surgery (Pediatric Neurosurgery), Dartmouth  
Research: Examining the Pediatric Neurosurgery Workforce (2007-2010)

Luke Vierthaler, Dartmouth MPH thesis studying primary care supply (2008-09)

Matt Roginski, Dartmouth MPH internship studying retail health clinics (2007-08)

Facilitator of “Pediatric Evaluative Clinical Sciences Seminar” for Dartmouth faculty research development (2006-08)

Dana Hargunani, MD, Assistant Professor of Pediatrics, OHSU: Barriers to access to primary care for children with autism; pediatric injury prevention (2003-2008)

Jodie Oltmans, MD Resident CATCH Grant for \$10,000 to assess parental knowledge and action about childhood injury prevention (2004-05)

**MEMBERSHIPS, OFFICE AND COMMITTEE ASSIGNMENTS IN PROFESSIONAL SOCIETIES**

<u>DATE</u>	<u>INSTITUTION/TOPIC</u>	<u>TITLE/MEMBERSHIP</u>
<b>AMERICAN ACADEMY OF PEDIATRICS</b>		
2004-2010	AAP Young Physicians Section	Executive Committee
2003-2009	Committee on Pediatric Workforce	Member
1999-2000	AAP Liaison to the Canadian Pediatric Society	Liaison
1998-1999	National AAP Resident Section	Chair
1997-1998	National AAP Resident Section	Vice-chair
1996-1997	National AAP Resident Section	Secretary
1996-1998	New Hampshire Representative to AAP Resident Section	Representative
1995-1998	NH Pediatric Society Executive Committee	Resident Liaison
1996-1997	NH Pediatric Society Legislative Committee	Member
<b>AMERICAN MEDICAL ASSOCIATION</b> (Membership 1991-1996, 2010-2014)		

AMA-Medical Student Section		
1993-1994	Committee on Long Range Planning	Planning Committee
1993	Reference Committee, Interim Meeting	Chairperson
1993	Reference Committee, Annual Meeting	Member
1993	National Leadership Conference	Member
1992	Credentials Committee, Interim Meeting	Chairperson
1992-1993	Legislative Awareness Committee	Member
1993-1994	Nebraska Medical Association	Medical Student President

**OTHER**

1999-Present	Ambulatory Pediatric Association	Member
1994-1995	Nebraska Medical Association Board of Directors	Medical Student Liaison
1994-1995	Liaison Committee on Medical Education (LCME)	National Student Representative

**EXTERNALLY FUNDED PROJECTS: RESEARCH, INNOVATION AND IMPLEMENTATION**

2023-2025	CHI Health Midwest, \$190,000 <b>PI: Scott Shipman, MD, MPH</b> <i>Description: Oversee design and evaluation of an existing community health worker (CHW) program and an extended multi-state CHW implementation</i>
2022	Humana, \$25,000 <b>PI: Scott Shipman, MD, MPH</b> <i>Description: Consultation to national Humana leaders on creating their business model for eConsults and establishing a pilot eConsult program to measure return on investment.</i>
2022	UnitedHealthCare, \$400,000 <b>PI: Scott Shipman, MD, MPH</b> <i>Description: Consultation to UnitedHealthCare on optimal payment policies for eConsults and designing a program to scale eConsult adoption and impact across 5 large UHC ACOs</i>
2022	Greater New York Hospital Association, \$70,000 <b>PI: Scott Shipman, MD, MPH</b> <i>Description: 1) Direct support to a NYC-based safety net hospital and federally qualified health centers to optimize access to specialty care, and 2) Training for GNYHA members on eConsults</i>
2021-2022	Centers for Disease Control, \$289,543 <b>Supplemental award PI: Scott Shipman, MD, MPH</b> <i>Description: Connected Care for COVID-19. Supplemental award targeting current and future pandemic preparedness through a focus on a) supporting primary care expertise and b) addressing the digital divide and its impact on health care equity</i>
2021-2022	Care Transformation Collaborative of Rhode Island, \$105,000 <b>PI: Scott Shipman, MD, MPH</b> <i>Description: Consultation with CTC-RI to work with 2 RI-based systems and regional multi-payer collaborative to implement eConsults, enhanced referrals, and improve care at primary care – specialty care interface</i>
2021-2022	HealthFirst, \$45,000 <b>PI: Scott Shipman, MD, MPH</b> <i>Description: Consultation with New York’s largest not-for-profit health insurer, on optimal payment policies for eConsults, and support for member health systems in their efforts to implement a successful eConsult model</i>
2020-2021	Peterson Center for Healthcare, \$160,000 <i>Title: Arkansas eConsult Study</i>

**PI: Scott Shipman, MD, MPH**

*Description:* Partnering with PCH, AR Blue Cross Blue Shield, local health system, and other partners to implement and evaluate cost-effectiveness of an eConsult model

2019-2021 Creighton University/ CHI Health, \$33,000

*Title:* Blueprint for population health

PI: **Scott Shipman, MD, MPH**

*Description:* Consultation to support the university's and health system's efforts to create a strategic plan in population health management, associated clinical redesign, community engagement, and training

2019-2021 Greater New York Hospital Association, \$66,000

*Title:* Optimizing referrals in New York academic health systems

PI: **Scott Shipman, MD, MPH**

*Description:* Partnering with GNYHA on work with New York City academic health systems on pilot efforts to implement enhanced referrals to improve communication and coordination between PCPs and specialists, and on an associated toolkit to support these efforts more broadly

2016-2022 Project CORE: Coordinating Optimal Referral Experiences,  
Revenue: \$2,100,000

Founder and executive medical director: **Scott Shipman, MD, MPH**

2-year+ consultations with each of the following health systems to implement the CORE model; supported by a staff of program specialists, physician leads, and IT consultants:

- East Carolina University Physicians
- Greenville Health System
- Maine Medical Center
- Medical College of Wisconsin
- MetroHealth System
- Nebraska Medicine/ UNMC
- Ohio State University
- Oregon Health & Science University
- Oschner Health
- Penn State Health
- Riverside Health System
- Stanford Healthcare
- University of Colorado Health
- University of Indiana Health System
- University of Michigan
- University of Minnesota/ M Health Fairview Medical Center
- University of Rochester
- Tampa General Hospital
- University of Utah Health
- University of Vermont
- University of Washington Medicine
- Vidant Health
- Wake Forest Baptist Health
- Yale University - Yale Medicine

Children's Hospitals

- Barbara Bush Children's Hospital at Maine Medical Center
- Brenner Children's Hospital at Wake Forest
- Children's Hospital at Dartmouth
- Children's Hospital Colorado
- Children's Hospital of Wisconsin
- CS Mott Children's Hospital at U of Michigan
- Doernbecher Children's Hospital at OHSU
- Stanford Children's
- Seattle Children's Hospital
- UVA Children's Hospital at U of Virginia
- Yale New Haven Children's Hospital

2014-2018 Centers for Medicare and Medicaid Innovations (CMMI), Health Care Innovation Award, \$7,125,770

*Title:* eConsult/ eReferral: Improving Quality and Efficiency at the Interface of Primary Care and Specialty Care

PI: **Scott Shipman, MD, MPH**

Name: Scott A. Shipman MD MPH

*Description:* Multi-academic medical center implementation of an eConsult-eReferral platform and referral care redesign model to reduce costs, improve quality through improved communication and coordination of care (Dartmouth-Hitchcock Health, University of California, San Diego Medical Center, University of Iowa Hospitals and Clinics, University of Virginia Medical Center, University of Wisconsin UW Health)

- 2011-2012 Health Resources and Services Administration, \$50,000  
*Title:* National Title VII Program Evaluation  
PI: **Scott Shipman, MD, MPH**  
*Description:* Project to examine the influence of medical school funding from the Title VII program on medical school experiences and workforce outcomes.
- 2006-2012 Health Resources and Services Administration  
*Title:* Primary Care Service Area Project  
PI: David Goodman, MD, MS  
*Description:* Co-investigator (10% support) on project that defines service areas for primary care delivery to assist federal government in determining underserved areas throughout the U.S.
- 2008-2009 Macy Foundation  
*Title:* Medical student debt and effectiveness of Title VII  
PI: Robert Phillips, MD, MS  
*Description:* Co-investigator (5%) on project to examine medical student debt and specialty choice and practice location, in conjunction with the impact of the Title VII program to meet primary care and underserved health needs of the population.
- 2007-2008 Take Care Health Systems, \$15,000  
*Title:* Care in Retail-based Health Clinics  
PI: **Scott Shipman, MD, MPH**  
*Description:* Project to examine the impact of retail-based health care clinics through one company's comprehensive visit, store, Rx, and provider data.
- 2007-2008 Veteran's Affairs Administration, \$30,000  
*Title:* Influence of GME training in VA settings  
Co-PIs: **Scott Shipman, MD, MPH** and Brenda Sirovich, MD, MS  
*Description:* Seed funding to plan a national study to examine the impact of training in VAMC settings during GME in internal medicine, specifically on ABIM scores, and subsequent practice in VA or other underserved areas.
- 2007-2008 American Cancer Society, \$25,000  
Institutional Research Grant, Norris Cotton Cancer Center  
*Title:* Regionalization of Pediatric Oncology Services: Access and Implications  
PI: **Scott Shipman, MD, MPH**  
*Description:* Examines U.S. regionalization of children's cancer care, to understand variations in geographic access and predictors of receipt of inpatient care in non-children's hospital settings.
- 2004-2009 Robert Wood Johnson Foundation, \$300,000  
Generalist Physician Faculty Scholars Program  
*Title:* Assessing the Impact of the Pediatric Physician Workforce on Quality and Access to Care for Children  
PI: **Scott Shipman, MD, MPH**  
*Description:* Through secondary data analysis and survey methods, examines the distribution of the pediatric physician workforce and its impact on access to care and quality of care.

- 2005-2008 Maternal and Child Health Bureau  
*Title:* Strengthening Oregon Community Services for Children with Special Healthcare Needs;  
PI: Robert Nickel, MD  
*Description:* Co-investigator (10% support) on project to enhance primary care physician awareness and use of community-based services for children with special healthcare needs (my role ended in April 2006 due to relocation)
- 2005-2006 Centers for Disease Control/Oregon Dept. of Human Services, \$60,000  
Contract to Oregon Rural Practice-based Research Network (project PI: Shipman)  
*Title:* Rural Oregon Immunization Initiative, Phase 2  
*Description:* Chart abstraction, immunization database analysis, and qualitative assessments of barriers to childhood immunization in rural Oregon
- 2004-2005 National Institutes of Health, K12 Institutional Grant  
Children's Health Research Center, Oregon Health & Science University  
PI: De-Ann Pillars, MD, PhD, Ron Rosenfeld, MD  
*Description:* Pediatric faculty development award
- 2004-2005 American Academy of Family Physicians, \$5,000  
Practice-based Research Network Research Stimulation Grant  
PI: LJ Fagnan, MD, **Scott Shipman, MD, MPH**  
*Title:* Rural Oregon Immunization Initiative  
*Description:* Mixed methods research design to identify best practices in immunization delivery among rural practices and implement a quality improvement initiative.
- 2004-2005 Centers for Disease Control/ Oregon Department of Human Services, \$25,000  
Contract to Oregon Rural Practice-based Research Network (project PI: Shipman)  
*Title:* Rural Oregon Immunization Initiative, Phase 1  
*Description:* Funding to conduct a survey of immunization practices of all rural healthcare providers in Oregon
- 2004-2005 Bureau of Health Professions, Health Resources and Services Administration, \$25,000  
Contract to Somnath Saha, MD, MPH and **Scott Shipman, MD, MPH**  
*Description:* Systematic review of the evidence supporting physician workforce diversity
- 2003-2005 AHRQ and Robert Wood Johnson Foundation  
*Title:* Seattle/Harborview-Portland Booster Seat Observation Study  
PI: Fred Rivara, MD, MPH, Beth Ebel, MD, MPH  
*Description:* Co-investigator leading the Portland-based effort in this study examining booster seat awareness and use in various targeted communities
- 2003-2004 AHRQ/ United States Preventive Services Task Force  
PI: Mark Helfand, MD, Heidi Nelson, MD and Evelyn Whitlock, MD, MPH  
*Titles:* Evidence Reviews of 1. Childhood Obesity Screening, 2. Screening for Hip Dysplasia  
*Description:* Systematic reviews of the literature conducted within the Oregon Evidence-based Practice Center
- 1999-2000 Agency for Healthcare Research and Quality - Contract to Johns Hopkins Dept. of Health Policy and Management (project PI: Chris Forrest, MD, PhD)  
*Title:* Systematic Review of Children's Health Services Research, 1994-2000  
*Description:* A review of published child health services research over a six year period to assess the main areas of topical focus, remaining gaps, and provide an overview of the field.

**EXTERNALLY FUNDED PROJECTS: EDUCATION, ADVOCACY AND SERVICE**

- 2023-2025 Commonspirit Health, \$1,000,000  
CHAIRs diversity scholars  
PI: **Scott Shipman, MD, MPH** (on behalf of Creighton University)  
*Description: Pilot program to build capacity of a workforce well-aligned with Commonspirit mission of service to underserved populations, focusing in Phoenix market and the physician, nursing, and physician assistant workforce*
- 2015-2016 Substance Abuse and Mental Health Services Administration, \$1,000,000  
NH Screening, Brief Intervention, and Referral to Treatment (SBIRT) Interprofessional Training Collaborative  
PI: **Scott Shipman, MD, MPH**  
*Description: Effort to incorporate SBIRT training into the formal curricula of health training programs across the state of NH, including medical school, nursing school, physician assistant programs, social workers, and more.*
- 2013-2015 New Hampshire DHHS, \$78,000  
NH AHEC Interprofessional Clinical Placement Program  
PI: **Scott Shipman, MD, MPH**  
*Description: Feasibility study of a coordinated system of placing health professional students in clinical settings throughout NH, prioritizing state workforce needs alongside training requirements*
- 2012-2017 Health Resources and Services Administration, \$850,000  
New Hampshire AHEC (Area Health Education Center)  
PI: **Scott Shipman, MD, MPH** (transferred from Rosemary Orgren, PhD)  
*Description: Program funding for primary care practice enhancement and health workforce development in NH*
- 2012-2014 Health Resources and Services Administration, \$600,000  
New Hampshire Public Health Training Center  
PI: **Scott Shipman, MD, MPH** (transferred from Rosemary Orgren, PhD)  
*Description: Program funding to establish programming and promote public health workforce development in NH*
- 2006-2007 Robert Wood Johnson Foundation, \$60,000  
*Title: Obesity Prevention Grant*  
Co-PIs: **Scott Shipman, MD, MPH**, Craig Warden, MD, MPH  
*Description: A community- and school-based program to prevent obesity and encourage healthy lifestyles in elementary-aged children in Portland, Oregon*
- 2005-2007 Maybelle Clark MacDonald Fund, \$150,000; Doernbecher Foundation, \$150,000  
Spirit Mountain Community Fund, \$38,500; Portland General Electric, \$5,900  
America's Tire Company, \$20,000  
*Title: Doernbecher Children's Safety Center*  
Founder and PI: **Scott Shipman, MD, MPH**  
*Description: A clinic and community-based service to provide injury prevention education and supplies to families at Doernbecher Children's Hospital and throughout Portland (all funds applied for ongoing support of Safety Center upon my departure from OHSU in 2006)*
- 2005-2006 Allstate Foundation, \$60,000  
*Title: Allstate Playground Safety Grant*  
Co-PIs: Craig Warden, MD, MPH, **Scott Shipman, MD, MPH**

Name: Scott A. Shipman MD MPH

*Description:* An award to replace an outdated and unsafe playground in an underserved Portland neighborhood with a modern, safe play structure and surface

2003-2006 Robert Wood Johnson Foundation, \$160,000  
*Title:* Portland Injury Free Coalition for Kids  
Co-PIs: Craig Warden, MD, MPH, **Scott Shipman, MD, MPH**  
*Description:* A community-based research program aimed at reducing injuries in two underserved Portland communities

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## ACADEMIC AND PROFESSIONAL REVIEW

*Editorial Board:* *Contemporary Pediatrics* (2003 - 2020)

Reviewer: Johns Hopkins University Press

Journal, Peer Reviewer: *Academic Medicine, Ambulatory Pediatrics, JAMA, JAMA Pediatrics and Adolescent Medicine, Contemporary Pediatrics, Health Affairs, Health Services Research, Journal of Adolescent Health, Journal of Pediatrics, New England Journal of Medicine, Pan American Journal of Public Health, Pediatrics*

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## ADVISORY BOARDS AND SELECTED HONORS

2023 Installation as inaugural CyncHealth Endowed Chair in Population Health, Creighton University  
2023-present Creighton Community Collaborative Executive Advisory committee  
2022-present Advisory committee, Center for Interprofessional Education and Research, Creighton University  
2022-present Board of Directors, Nebraska Healthcare Collaborative  
2021-present American Telemedicine Association, CEO Advisory Group on Equity  
2020-present American Board of Telehealth, National Advisory Council  
2020 Top Ten article of 2019 in *Health Affairs*, selected by Editor-in-Chief  
2006 – 2012 Advisory Board, Doernbecher Children's Safety Center  
2005 – 2009 Board of Advisors, Nebraska Wesleyan University  
2007 ESPN Academic All-America Hall of Fame Finalist  
2005 Young Alumni Achievement Award, Nebraska Wesleyan University  
2003 Pediatric Research Loan Repayment Award Recipient, National Institutes of Health  
1991 Phi Kappa Phi Gold Key  
1989, 1990 GTE/CoSIDA Academic All-America Football Team

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## BIBLIOGRAPHY

### A. Peer Reviewed Publications

Patterson DG, **Shipman SA**, Pollack SW, Andrilla HA, Schmitz D, Evans D, Peterson LE, Longenecker R. "Growing a rural family physician workforce: contributions of rural background and rural place of residency training." *Health Services Research*. Online ahead of print.

Archibald D, Grant R, Tuot DS, Liddy C, Sewell JL, Price DW, Grad R, **Shipman SA**, Campbell, C, Guglani S, Wood TJ, Keely E. "Development of eConsult Reflective Learning Tools for Healthcare Providers: A Pragmatic Mixed Methods Approach." *BMC Primary Care*. 2023 Jan 16;24(1):15. doi: 10.1186/s12875-022-01948-9. PMID: 36647016

Fuentes-Afflick E, **Shipman SA**, Dreyer B, Perrin J, Freed G. "Achieving workforce diversity: A responsibility for all pediatricians." *Pediatric Research*. 2022 Oct 22. doi: 10.1038/s41390-022-02355-7. Online ahead of print.

Baker MC, King S, Sikka N, Krupinski EA, **Shipman SA**, Haberman M. "Trends in adoption and maturation of telehealth programs at teaching hospitals and health systems." *Telemedicine and e-Health*. 2022 Apr;28(4):517-525. doi: 10.1089/tmj.2020.0571. PMID: 34265223

Khullar D, Mullangi S, Yu J, Weems K, **Shipman SA**, Caulfield M, Barrios A, Howley L. "The state of telehealth education at U.S. medical schools." *Healthcare: The Journal of Delivery Science and Innovation*. 2021 Jun;9(2):100522. doi: 10.1016/j.hjdsi.2021.100522. PMID: 33548854

Galpin K, Sikka N, King S, Horvath KA, **Shipman SA** (with AAMC Telehealth Advisory Committee). "Expert consensus: Telehealth skills for health care professionals." *Telemedicine and e-Health*, 2021 Jul;27(7):820-824. doi: 10.1089/tmj.2020.0420. PMID: 33236964

Ackerman SL, Gleason N, **Shipman SA**. "Comparing patients' experiences with electronic and traditional consultation: results from a multisite survey in the U.S." *Journal of General Internal Medicine*, 2020 Apr;35(4):1135-1142. doi: 10.1007/s11606-020-05703-7. PMID: 32076987

Ackerman SL, Dowdell K, Cleback KT, Quinn M, **Shipman SA**. "Patients assess an eConsult model's acceptability at five U.S. academic medical centers," *Annals of Family Medicine*, 2020 Jan; 18(1):35-41. PMID: 31937531

**Shipman SA**, Wendling A, Jones KC, Kovar-Gough I, Orlowski JM, Phillips J. "The decline in rural medical students: a growing gap in geographic diversity threatens the rural physician workforce," *Health Affairs*, 2019 Dec; 38(12):2011-18. PMID: 31794312

Fried JE, **Shipman SA**, Sessums LL. "Advocacy: Achieving physician competency," *Journal of General Internal Medicine*, 2019 Nov; 34(11): 2297–8. PMID: 31420826

Wendling AL, **Shipman SA**, Jones K, Kovar-Gough I, Phillips J. "Defining Rural: The Predictive Value of Medical School Applicants' Rural Characteristics on Intent to Practice in a Rural Community," *Academic Medicine* 2019 Nov; 94(11S):S14-20. PMID: 31365411

King S, **Shipman SA**, "Telehealth in Academic Medicine: Roles, Opportunities, and Risks," *Academic Medicine* 2019 Jun;94(6):915. PMID: 30870156

Naylor K, Tootoo J, Yakusheva O, **Shipman SA**, Bynum JPW, Davis MA, "Geographic variation in accessibility of U.S. healthcare providers," *PLOS ONE*, 2019 Apr 9;14(4):e0215016. PMID: 30964933

Gleason N, Ackerman S, **Shipman SA**, "eConsult – Transforming primary care or exacerbating clinician burnout?" *JAMA Internal Medicine* Jun 1 2018; 178(6): 790-1. PMID: 29801083

Davis MA, Anthopolos R, Tootoo J, Titler M, Bynum JPW, **Shipman SA**, "Supply of Healthcare Providers in Relation to County Socioeconomic and Health Status," *Journal of General Internal Medicine* Apr 2018; 33(4):412-414. PMID: 29362958

Davis A, Gilchrist V, Grumbach K, James P, Kallenberg R, **Shipman SA**, "Advancing the primary-specialty care interface through eConsults and enhanced referrals," *Annals of Family Medicine* Jul 2015; 13(4): 387-8. PMID: 26195689

Reynolds PP, Klink K, Gilman S, Green LA, Phillips RS, **Shipman SA**. The Patient-Centered Medical Home: Preparation of the Workforce, More Questions than Answers. *Journal of General Internal Medicine*, Jul 2015 30(7), 1013-1017. PMID: 25707941

Jones AC, **Shipman SA**, Ogrinc G, "Key characteristics of successful quality improvement curricula in physician education: a realist review" (republished), *Postgrad Med J*. Feb 2015; 91(1072): 102-13. PMID: 25655253

Name: Scott A. Shipman MD MPH

Jones AC, **Shipman SA**, Ogrinc G, "A realist review defining key characteristics of successful quality improvement curricula in physician education," *BMJ Quality & Safety*, Jan 2015; 24(1): 77-88. PMID: 25271329

Makaroff L, Xierali I, Petterson S, Bazemore AW, **Shipman SA**, Puffer JC, Newton W, "Factors Influencing Family Physician Contribution to the Child Health Workforce," *Annals of Family Medicine*, Sep-Oct 2014; 12(5): 427-31. PMID: 25354406

**Shipman SA**, Sinsky C "Increasing Capacity within the Current Primary Care Workforce: Opportunities to Decrease Waste and Enhance Efficiency in Practice." *Health Affairs*, Nov 2013 ; 32(11): 1990-7. PMID: 24191091

**Shipman SA**, Jones KC, Erikson C, Sandberg SF, "Exploring the workforce implications of a decade of medical school expansion: variations in medical school growth and changes in student characteristics and career plans." *Academic Medicine*, Dec 2013; 88(12): 1904-12. PMID: 24128630

Jones KC, Erikson C, **Shipman SA**, "Medical students' plans at graduation and their relationship with actual practice." *Academic Medicine*, Dec 2013; 88(12): 1950. PMID: 24128641

Dill M, Erikson C, Pankow S, **Shipman SA**, "Survey shows consumers open to a greater role for physician assistants and nurse practitioners." *Health Affairs* June 2013; 32 (6): 1135-1142. PMID: 23733989

**Shipman SA**, "Family physicians closing their doors to children: considering the implications." *Journal of the American Board of Family Medicine*, Mar-Apr 2012: 25 (2):141-2. PMID: 22403192

Fagnan LJ, **Shipman SA**, Gaudino JA, Mahler J, Sussman AL, Holub J, "To give or not to give: approaches to immunization delivery in Oregon rural primary care practices." *Journal of Rural Health*, Sept 2011: 27(4): 385-93.

**Shipman SA**, "Spoiled sports: Preparing children to be athletes before they can walk." *Contemporary Pediatrics*. Feb 2011: 28(2):57-8.

**Shipman SA**, Lan J, Chang CH, Goodman DC, "Geographic maldistribution of primary care for children." *Pediatrics*, 2011 Jan;127(1):19-27.

Guttmann A, **Shipman SA**, Goodman DC, Stukel TA, "Primary physician supply and healthcare use, access and outcomes in children: findings from a universal access healthcare system." *Pediatrics*. 2010 Jun;125(6):1119-26.

Pletcher BA, Rimsza ME, Cull WL, **Shipman SA**, Shugerman RP, O'Connor KG. "Primary Care Pediatricians' Satisfaction with Subspecialty Care, Perceived Supply, and Barriers to Care." *Journal of Pediatrics*, 2010 Jun; 156(6):1011-5.

**Shipman SA**, "Attempting to meet our nation's pediatric workforce needs" *Pediatric Annals*, February 2010, 39(2): 89-96.

Basco WT, Cull WL, O'Connor KG, **Shipman SA**, "Assessing Trends in Practice Demographics of Underrepresented Minority Pediatricians, 1993-2007." *Pediatrics*, February 2010.

Durham SR, Lane JR, **Shipman SA**. "The pediatric neurosurgical workforce: Defining the current supply." *Journal of Neurosurgery: Pediatrics*. January 2009, 3(1): 1-10.

Durham SR, **Shipman SA**. "A 15-year review of pediatric neurosurgical fellowships:

Implications for the pediatric neurosurgical workforce." *Journal of Neurosurgery: Pediatrics*. June 2008. 1: 429-32.

Saha S, **Shipman SA**. "Race-Neutral Versus Race-Conscious Workforce Policy to Improve Access to Care." *Health Affairs*, January-February 2008, 27 (1): 234-45.

Fagnan LJ, Morris C, **Shipman SA**, Holub J, King A, Angier, H. "Characterizing a practice-based research network: the Oregon Rural Practice-based Research Network (ORPRN) Survey Tools." *Journal of the American Board of Family Medicine*. March-April 2007. 20 (2): 204-19.

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**Shipman SA**, Helfand M, Moyer VA, Yawn BP; "Screening for Developmental Dysplasia of the Hip: A Systematic Literature Review for the United States Preventive Services Task Force," *Pediatrics* March 2006, 117 (3): e557-76.

**Shipman SA**, "Commentary on the Adequacy of the Child Neurology Workforce," *AAP Grand Rounds* July 2005, 14 (1): 5-6.

Whitlock EP, Williams SB, Gold R, Smith PR, **Shipman SA**, "Screening and Interventions for Childhood Overweight: A Summary of Evidence for the US Preventive Services Task Force," *Pediatrics* July 2005, 116 (1): e125-144.

**Shipman SA**, Lurie J, Goodman DC; "The General Pediatrician: Projecting Future Workforce Supply and Requirements" *Pediatrics*, 2004 Mar. 113(3 Pt 1): 435-42.

Cull W, Yudkowsky B, **Shipman SA**, Pan R; "Pediatric Training and Job Market Trends: Results from the AAP Third-Year Resident Survey 1997-2002," *Pediatrics*, Oct 2003. 112(4): 787-792.

Forrest C, **Shipman SA**, Dougherty D, Miller M; "Outcomes Research in Pediatric Settings: Recent Trends and Future Directions," *Pediatrics*, Jan 2003. 111(1): 171-178.

Ettinger L, Serra K, Loud K, **Shipman SA**; "Spontaneous Arterial Occlusion presenting as Refusal to Bear Weight in a Toddler," *Clinical Pediatrics*, Jun 2001. 4(6): 343-6.

## B. Published Letters

Loud K and **Shipman SA**, Response to Fiks et al "Consumerism, Innovation and the Future of Pediatric Primary Care. *JAMA Pediatrics*, Feb 2019 173(2):197-198.

**Shipman SA**, Reply to letter from Campbell and Rodriguez. *Academic Medicine*, 2014 Aug; 89(8):1095.

**Shipman SA**, Reply to letter from Althouse, Stockman and Lister. *Pediatrics*, 2011 Jun 1. 127 (6): e1627.

**Shipman SA**, Risk Management and Developmental Dysplasia of the Hip: *Primum non Nocere*. *Pediatrics* 2009 Mar. 123(3): e546.

**Shipman SA**, Lurie JD, Goodman, DC; The Future of Primary Care. *Annals of Internal Medicine*, 2004 Jan 6. 140(1): 69.

**Shipman SA**, Forrest CB; Appendicitis: Pediatric Surgeons vs. General Surgeons. *Pediatrics*, June 2002. 109(5): 988-9.

### C. Book Chapters

Rheuban K and **Shipman SA**; Workforce, definitions, and models. In *Understanding Telehealth*. McGraw Hill, 2018.

**Shipman SA**, Moen KY; Developmental Dysplasia of the Hip. In *Epocrates Clinical Review*. BMJ Publishing Group. Sept 2009. Revised and updated, Sept 2010, August 2011.

### D. Published reports and policy statements, white papers

Rodriguez J, King S, Reget K, **Shipman SA** "Digital Health Equity Current Practices and Approaches of Academic Medical Centers." Association of American Medical Colleges, Washington DC, Aug 2023.

Association of American Medical Colleges and Manatt, Inc. "Sustaining telehealth success: Integration imperatives and best practices for advancing telehealth in academic health systems." Future of academic medicine series. Washington DC, Aug 2021.

Greater New York Hospital Association and Association of American Medical Colleges. "Improving specialty access using enhanced referrals: an implementation guide." New York NY, June 2021.

Association of American Medical Colleges and Vizient, Inc. "Improving access to care: a patient-centered framework for academic health systems." Washington DC, May 2021.

Association of American Medical Colleges "Cross continuum competencies in telehealth." New and emerging areas in medicine competency series. Washington DC, Apr 2021.

Bodenheimer T, Syer S, Fair M, **Shipman SA**; "Teaching residents population health management." Washington DC, Dec 2019.

**Shipman SA**, Cerese J, Dean R, Abel C; "Learning and Leading in Access to Care: An Overview of Member Collaboratives from AAMC and Vizient." Washington DC, Apr 2019.

Center for Excellence in Primary Care, in collaboration with Association of American Medical Colleges, "Profiles of Three High-Performing Primary Care Residency Clinics." Washington DC, Jun 2018.

Bodenheimer T, Gupta R, **Shipman SA** et al; "High Performing Primary Care in Teaching Clinics." Collaboration between AAMC and UCSF Center for Excellence in Primary Care, Washington DC, Nov 2016.

Sandberg S, **Shipman SA**; "Innovations at the Interface of Primary and Specialty Care." Association of American Medical Colleges, Washington, DC, Mar 2016.

Patient-Centered Primary Care Collaborative, in collaboration with Association of American Medical Colleges, "Promise and progress: Profiles in Interprofessional Health Training to Deliver Patient-Centered Primary Care." Washington, DC, Dec 2014.

**Shipman SA**, Jones KC, "Impact of Title VII Medical School Funds on Students' Experiences, Preferences, and Career Outcomes," commissioned report to the Health Resources and Services Administration, Mar 2012.

Erikson C and **Shipman SA**, "Exploring U.S. Medical Education Expansion: Implications and Challenges" U.S. white paper for Plenary Discussion at the 2011 International Medical Workforce Conference, Brisbane, Australia, Nov 2011.

**Shipman SA**, Jones KC, "Title VII Section 747 Impact Assessment: Medical School Level Data Review," commissioned report to the Health Resources and Services Administration, Nov 2011.

**Shipman SA**, Pan RJ and the Committee on Pediatric Workforce, "Financing graduate medical education to meet the needs of children and the future pediatrician workforce." *Pediatrics*, Apr 2008; 121(4):855-61.

Committee on Pediatric Workforce. "Enhancing the diversity of the pediatrician workforce." *Pediatrics*, Apr 2007;119 (4): 833-7.

Saha S, **Shipman SA**, "The Rationale for Diversity in the Health Professions: A Review of the Evidence," commissioned report to the Health Resources and Services Administration, 2006.

**Shipman SA**, Helfand M, Nygren P, and Bougatsos C. "Developmental Dysplasia of the Hip: A Systematic Evidence Review." Report to AHRQ for the U.S. Preventive Services Task Force, 2005.

Committee on Pediatric Workforce. "Pediatrician Workforce Statement," *Pediatrics*, July 2005. 116 (1): 263-269.

Committee on Pediatric Workforce. "Ensuring culturally effective pediatric care: implications for education and health policy." *Pediatrics*, Dec 2004. 114 (6): 1677-85.

"National Initiatives Promoting Primary Care Revisited" AAMC Division of Medical Education internal report, 2002

Contributor, Ambulatory Pediatric Association Residency Educational Guidelines (Sections: Community Involvement and Advocacy; Sports Medicine), 2002

Co-editor of the American Academy of Pediatrics Residents as Teachers Handbook, 3rd edition, 2001

Contributor, Association of Pediatric Program Directors Newsletter (quarterly articles for residency directors pertaining to the AAP Resident Section and resident issues in training), 1998-2000

Editor, American Academy of Pediatrics Resident Report Newsletter, distributed to all United States and Canadian pediatric residents, 1997-1999

## **SELECTED PRESENTATIONS**

### **A. National research meetings, peer-selected presentations (selected list)**

**Shipman S**, Jones K, Wendling A, Phillips J, "Rural Medical Students, Rural Physicians: Can a Shrinking Pool meet a Perennial Need?" Platform presentation, AAMC National Workforce Research Meeting, May 2018

**Shipman S**, Erikson C, Jones K, "Examining Medical School Expansion Through 2011: What Are We Likely to Achieve?" Platform presentation, AAMC National Workforce Research Meeting, May 2012

**Shipman S**, Chang CH, Cull W, "When do referring general pediatricians NOT use pediatric subspecialists?" Platform presentation, Pediatric Academic Societies Meeting, May 2009.

**Shipman S**, Pletcher B, Rimsa M, Shugerman R, Cull W, O'Connor K, "Subspecialty referrals by general pediatricians: trends and perceptions" Platform presentation, AcademyHealth Child Health Services Research Meeting, June 2008

Name: Scott A. Shipman MD MPH

**Shipman S**, Lan J, Rittenhouse D, "Retail health clinics: Examining patterns of use and implications for the workforce." Platform presentation, AAMC Physician Workforce Research Meeting, May 2008

**Shipman S**, Guttman A, Stukel T, Goodman D, "Primary care physician supply and access to care: lessons from a national single payer health system." Platform presentation, AAMC Physician Workforce Research Meeting, May 2008

**Shipman S**, Goodman D, Chang C, Lan J, "Cross-national comparison of the impact of primary care supply on access and quality of care," Platform presentation, Robert Wood Johnson Generalist Faculty Scholars Program Annual Meeting, November 2007

**Shipman S**, Reuland C, Bethell C, "Provider characteristics: Implications for the quality of primary care developmental services." Platform presentation, AcademyHealth Child Health Services Research Meeting, June 2006

**Shipman S**, Goodman D, Bethell C, Newton K; "Pediatric Workforce Maldistribution: Examining the Scope of the Problem." APA Presidential Plenary presentation, Pediatric Academic Societies Meetings, May 2006

**Shipman S**, Fagnan L, Gaudino J, Angier H, Wallace J; "Best practices in Rural Practice: Immunization Tracking and Delivery Among Rural Providers." Poster symposium at Pediatric Academic Societies Meetings, May 2006

**Shipman S**, Goodman D, Bethell C, Newton K; "The Child Physician Workforce Maldistribution: Magnitude and Effect," platform presentation at the Association of American Medical Colleges Physician Workforce Meeting, May 2006

**Shipman S**, Goodman D, Bethell C, Newton K; "Variability in the Distribution of Child Physicians in the U.S., presentation at the RWJ Generalist Physician Faculty Scholars Annual Meeting, November 2005

**Shipman S**, Lurie J, Goodman D; "Counting Pediatricians: Testing the Assumptions and Considering the Implications," platform presentation at the Association of American Medical Colleges Physician Workforce Meeting, May 2005

**Shipman S**, "Assessing the Impact of Physician Supply on Children's Access and Quality of Care," presentation at the RWJ Generalist Physician Faculty Scholars Annual Meeting, November 2004

**Shipman S**, Helfand M, Nygren P, Bougatsos C; "Screening for Developmental Dysplasia of the Hip: Systematic Evidence Review," presentation to the United States Preventive Services Task Force (USPSTF), November 2004

**Shipman S**, Lurie J, Goodman D; "Testing the Assumptions: An Accessible Model for Projecting the General Pediatrician Workforce," platform presentation at AcademyHealth Annual Research Meeting, June 2003

**Shipman S**, Cull W, Brotherton S, Pan R; "Does Residency Size Matter? The Impact of Program Size and Freestanding Children's Hospital Status on Pediatric Residency Training," platform presentation at the Pediatric Academic Societies Meetings, May 2002

**Shipman S**, Forrest C; "Children's Use of Pediatric-Trained Specialists in a Managed Health Plan," poster presentation at the Pediatric Academic Societies Meetings, May 2002

**Shipman S**, Forrest C, Glade G, Baker A; "Disparities in the Specialty Care Referral Process for Children with Medicaid," platform presentation at the RWJ Clinical Scholars Annual Meeting, Nov 2000

**Shipman S**, Forrest C; “Advanced Methods in Children’s Health Services Research: Issues in Practice-Based Research,” platform presentation at the Academy of Health Services Research (AHSR) Meeting, Jun 2000

**Shipman S**, Forrest C, Glade G, Baker A; “Evidence that the Quality of Specialty Care Differs Between Medicaid and Commercially Insured Patients,” platform presentation at the Pediatric Academic Societies Meetings, May 2000

**Shipman S**, Goodman D, Lurie J, and Bracken A; “The Pediatric Workforce: Too Much of a Good Thing?” platform presentation at the Pediatric Academic Societies Meetings, May 1999

Bracken A, **Shipman S**, and Goodman D; “Regional Variations in the Supply of Pediatric Providers of Care,” platform presentation at the Pediatric Academic Societies Meetings, May 1999

**B. Invited Research, Policy, and Healthcare Presentations** (selected list)

**International**

“The United States Perspective on Enhancing Workforce Productivity and Efficiency,” Invited paper and presentation, International Medical Workforce Collaborative Conference, New York, US, May 2010

“A Cross National Comparison of Children’s Physician Workforce Supply and Distribution,” Child Health Evaluative Sciences Seminar, Sick Kids Hospital, Toronto, ON, Jan 2009

“Examining Maldistribution in the U.S. Child Physician Workforce,” research lecture at the Institute for the Evaluative Clinical Sciences, Toronto, ON, June 2006

“Comparing U.S. and Canadian Medical Training: Pediatrics vs. Paediatrics,” address to the CPS Resident Section Executive Committee, Canadian Paediatric Society Annual Meeting, Ottawa, ON, June 2000

**National**

“Defining the ROI case for eConsults,” invited presentation to National Academies of Science, Engineering, and Medicine (NASEM) committee on pediatric subspecialty workforce, Nov 2022.

“Future-proofing pediatric care delivery,” invited APA Presidential Plenary Address at Pediatric Academic Societies Annual Meeting, Denver, Apr 2022.

“New programs in a new world: Opportunities in a post-pandemic era” invited plenary at Association of Clinical Leaders in General Internal Medicine annual meeting, Phoenix, Dec 2021.

“Research Agenda in Telehealth” invited presentation at Society for Academic Emergency Medicine National Meeting, (virtual) Sept 2020.

“The decline in rural medical students: a growing gap in geographic diversity threatens the rural physician workforce” invited presentation at Health Affairs press briefing, Washington DC, Dec 2019

“eConsult: A powerful tool to enhance access and efficiency of care,” invited plenary at Council on Medical Specialty Societies Fall Meeting, Washington DC, Nov 2019

“Exploring the Rural Pipeline: Considering Implications for the Rural Physician Workforce” invited by Health Resources and Services Administration, Primary Care Stakeholders Meeting, Aug 2019

Name: Scott A. Shipman MD MPH

“eConsults: A tool to extend careforce capacity in cancer care?” invited by National Academies of Medicine, National Cancer Policy Forum Workshop, Feb 2019

“Improving Care at the Interface of Primary and Specialty Care through eConsults” invited by CMMI at CPC+ (Comprehensive Primary Care Plus) National Meeting, May 2018

“Transforming Medicine through Technology: Implementing e-Medicine and Telehealth” Association of Chiefs and Leaders in General Internal Medicine Annual Meeting, Dec 2017

“Optimizing the Workforce: The Intersection of Healthcare Reform, Delivery, Innovation, and Training,” ACGME Baldwin Lecture Series, Chicago, Nov 2017

“Training in Telehealth: Charting a Path to Prepare Tomorrow’s Clinician for Care,” keynote presentation at Jefferson University’s National Academic Center for Telehealth Symposium, Philadelphia, Oct 2017

“Implementing eConsults and Enhanced Referrals in Academic Health Systems: the Coordinating Optimal Referral Experiences Project,” Dell Medical School Primary Care – Specialty Care Interface Retreat, Austin, May 2017

“Positioning Physician Practices to Deliver High-Value Care: The Interface of Primary Care and Specialty Care,” Jefferson University College of Population Health Forum, Philadelphia, Dec 2016

“Health workforce innovations to support delivery system transformation,” Texas Medical Center, Houston, Sept 2016

“Project CORE: Lessons learned in implementing a multisite, systemwide innovation to optimize care at the interface of primary care and specialty care,” CMMI Health Care Innovation Award Summit, Baltimore, June 2016

“Advancing teamwork at the interface of primary care and specialty care,” plenary address at Starfield Summit, Washington DC, May 2016

“Interface of training, new delivery models, and healthcare reform,” plenary address at WWAMI GME Summit, Spokane WA, April, 2016

“Workforce trends and priorities,” presentation at AAMC Group on Regional Medical Campuses Annual Meeting, Washington DC, Mar 2016

“Physician supply and distribution: controversies and policy challenges.” invited speaker at Annual Osteopathic Physician Health Policy Fellows Physician Workforce Seminar, Mesa AZ, Feb 2016

“Workforce trends and priorities: a national perspective with regional implications,” Montana GME Council Executive Retreat, Bozeman MT, Jan 2016

“Accountability and the physician workforce,” Western GME Summit, Denver CO, Nov 2015

“Looking forward in family medicine: new directions or steady as she goes?” invited presentation to AAFP Committee on Medical Education, Kansas City MO, May 2015

“Team-based care: answering the call in academic medicine,” Western Michigan Interprofessional Care Initiative, Grand Rapids MI, Sept 2014

Name: Scott A. Shipman MD MPH

“Understanding workforce capacity through an alternate lens: Observations and case studies,” plenary presentation at AcademyHealth Workforce Interest Group meeting, San Diego CA, June 2014

“How do we meaningfully solve the primary care shortage?” panel presentation at AcademyHealth Annual Research Meeting, San Diego, CA, June 2014

“What works: New service delivery models that address existing shortages and emerging needs,” National Governor’s Association Policy Academy, Washington, DC, May 2014

“Partnership in Action: Collaboration at the Interface of Primary care and Specialty Care,” plenary presentation at the Association of Directors of Family Medicine Annual Meeting, San Diego, CA, Feb 2014

“Will Medical School Expansion Serve the Needs of Rural America?” National Rural Health Association meeting, Spokane, WA, Feb 2014

“A New Day for Primary Care: Will Medical Schools Deliver the Goods?” keynote address at Minnesota Primary Care Workforce Summit, Minnesota Medical Association, Nov 2013

“Primary Care Workforce Challenges: Are We Turning the Corner?” University of Iowa Pediatric Research Seminar, Sept 2013

“Physician Workforce: Supply and Distribution,” *Workforce Issues* seminar for the American Osteopathic Association Health Policy Fellows program, Glendale AZ, Mar 2013

“Balancing the Books: Who Should Pay for GME?” invited presentation at 2013 Annual American Medical School Pediatric Department Chairs (AMSPDC) Meeting, Atlanta GA, Mar 2013

“Forging the Future of Primary Care” keynote presentation, Wisconsin Primary Care Summit, Waukesha, WI, November 2012

“An Update on the Primary Care Workforce,” Convenient Care Association National Summit, Orlando, FL, July 2012

“Diversity Issues and the Healthcare Workforce,” National Association of Advisors for the Health Professions Annual Meeting, Baltimore, MD, June 2012

“GME and GME Financing: A Workforce View” Council on Medical Specialty Societies (CMSS) Invitational Meeting on GME Financing, Chicago, May 2012

“Critical Review of Data on Physician Pipeline, Productivity, and Attrition,” HRSA Primary Care Workforce Meeting, Washington, DC, April 2012

“Primary Care Workforce Update,” AAMC Group on Regional Medical Campuses Meeting, Nashville, TN, Mar 2012

“Physician Supply and Distribution: Controversies and Policy Challenges.” invited speaker at Annual Osteopathic Physician Health Policy Fellows Physician Workforce Seminar, Mesa, AZ, Feb 2012

“Physician Supply and Demand Trends: Implications for Primary Care,” ConvUrgentCare Retail Clinic Symposium, Orlando, FL, Jan 2012.

“Medical School Expansion: Exploring the implications,” AAMC Annual Meeting, Denver, CO, Nov 2011

Name: Scott A. Shipman MD MPH

“GME: A Public Good in Need of Change.” President’s Symposium, Association of Program Directors in Internal Medicine Annual Meeting, Anaheim, CA, Oct 2011

“Physician Supply and Demand: the Next Decade” plenary session at the Association of Staff Physician Recruiters’ 18<sup>th</sup> Annual Meeting, Chicago, IL, August 2011

“Geographic and Racial Practice Pattern Variation in Clinical Care and Health Outcomes.” Guest speaker at National Institute of Minority Health and Health Disparities ‘Translational Health Disparities Course’, Bethesda, MD, June 2011

“Physician Supply and Distribution: Controversies and Policy Challenges.” invited speaker at Annual Osteopathic Physician Health Policy Fellows Physician Workforce Seminar, Mesa, AZ, Feb 2011

“Primary Care Service Areas as Rational Service Areas” invited speaker at the National HRSA Primary Care Offices Meeting, Rockville, MD, Dec 2010

“AAMC Core Physician Data Project,” invited presentation to a HRSA-convened meeting on developing a uniform data set for all health professions, Washington, DC, Dec 2010

“Policy Discussion Group” invited as alumnus of the Robert Wood Johnson Generalist Faculty Scholars program, Ft. Lauderdale, FL Dec 2010

“Annual AAMC Address on the State of the Workforce,” AAMC Annual Meeting, Washington, DC, Nov 2010

Moderator, “The patient-centered medical home: are we ready?” AAMC Annual Meeting, Washington, DC, Nov 2010

“Primary care physicians’ perceptions, pre-reform,” AAMC Primary Care Deans and Directors Meeting, Washington, DC, Nov 2010

“Dialogue on Measuring Primary Care Output,” Special plenary session at the AAMC Physician Workforce Conference, May 2010

“Physician Workforce and GME Trends” American Medical Association, National Advocacy Conference, Washington DC, March 2010

“Primary Care Service Areas: A Tool for Assessing Primary Care Capacity” Plenary speaker at the National HRSA Primary Care Offices Meeting, Rockville, Dec 2009

Moderator and respondent, “Innovations in Delivery of Care in Academic Medical Centers” Plenary at the AAMC Annual Meeting, Boston, Nov 2009

Moderator and respondent, “Efficiency and Productivity” Research panel at the AAMC Physician Workforce Research Meeting, Washington, DC, May 2009

“The Pediatrician Workforce: A Policy Perspective.” Presentation at the American Academy of Pediatrics for the Committee on Pediatric Workforce, Elk Grove Village, IL, Sept 2008

“Primary Care Service Areas.” Presentation at the HRSA Primary Care All-Grantee Meeting, National Harbor, MD, June 2008

Moderator, “Innovative models of care: what’s coming down the road?” Plenary panel at the AAMC Physician Workforce Research Meeting, Crystal City, VA, May 2008

“Retail based clinics: examining variations in utilization patterns and patient characteristics,” address to the medical advisory board of Take Care Health Systems, Chicago, Nov 2007

“Through a child’s eyes: access to primary care services,” presentation at the Robert Graham Center/Agency for Healthcare Research and Quality Primary Care Forum, Washington D.C., March 2007

“Counting Pediatricians and Considering the Implications,” invited seminar at the University of Washington Center for Health Workforce Studies/ Rural Health Research Center, February 2005

## **Regional**

“Influence of eConsults: Findings from a Multi-site CMMI Health Care Innovation Award,” California Stakeholders and Policymakers Meeting, Nov 2018

“Creating the Clinical Workforce we Need,” keynote address at Wisconsin Council on Medical Education and Workforce Summit, Nov 2018

“Finding joy in practice: the impact of high-functioning primary care models,” invited presentation to Dartmouth CO-OP Practice-base Research Collaborative, Nov 2015

“Towards a Sustainable Model of Primary Care” invited presentation to NH Governor’s Commission on Primary Care Workforce, June 2015

“The Imperative of Teams in Innovative Primary Care models” invited lecture at NH Community Health Worker Summit, Plymouth NH, April 2015

“Primary Care and the Patient-Centered Medical Home,” invited lectureship for the University of Connecticut Transforming Health Care Series, Farmington, CT, May 2012

“Physician Assistants: Trends and Opportunities,” presentation to New Hampshire Primary Care Workforce Commission, Concord, NH, Feb 2012

“Exploring the Shifting Sands of Physician Workforce Supply and Demand,” 2011 Physician Recruitment Summit, New England Journal of Medicine, Boston MA, Sept 2011

“Findings from the Rural Oregon Immunization Initiative” invited presentation to the Oregon Healthcare Research and Evaluation Collaborative, Salem, OR, April 2005

“Immunization Practices in Rural Oregon.” presentation at the Annual Oregon Rural Health Conference, November 2005, Sunriver, OR

“Counting Pediatricians and Considering the Implications” invited presentation to the Oregon Health Research and Evaluation Collaborative, Salem, OR, July 2005

“Rural Oregon Immunization Initiative,” invited presentation at the Annual Convocation of the Oregon Rural Practice-based Research Network, Newport OR, October 2003

## **C. Educational presentations (Grand rounds, CME, etc)**

### **National**

“Transformation in small packages: Improving communication, coordination, and equitable access with eConsults and telehealth,” Grand rounds for Johns Hopkins Department of Pediatrics (virtual), Jan 2022

“The Road to Competencies: Leveraging Telehealth Skills for Clinician Education,” National Telehealth Research Symposium, Chicago, Sept 2019

“Evolving Expectations of Medical School Faculty in the Academic Health Center of the Future,” Louisiana State University Dean’s Symposium, New Orleans, Dec 2015

“Achieving quality at the interface of primary care and specialty care,” Quality and Safety Grand Rounds, University of Rochester Medical Center, May 2015

“Building a GME Budget,” 2012 GME Leadership Development Course Part II, AAMC, Chicago IL, September 2012

“GME and Primary Care Workforce Implications” invited lecture to George Washington University MPH students, Washington, DC, March 2012

“Barriers to Childhood Immunizations.” Breakout session presentation, 37<sup>th</sup> Annual Family Medicine Review, Portland OR, February 2006

“State of Safety Issues for Children.” Plenary presentation, 36<sup>th</sup> Annual Family Medicine Review, Portland OR, February 2005

“Starting a Career in Academics.” Invited lecture, Organization of Resident Representatives, Association of American Medical Colleges Annual Meeting, November 2002, San Francisco CA

“Fellowships for Generalists: Why Bother?” Invited address, American Academy of Pediatrics National Conference and Exhibition, October 2002, Boston MA

### **Regional and Local**

(Also various lectures and lecture series provided to medical students and housestaff; individual topics/presentations have not been listed separately)

“Promoting clinical redesign: a story of incremental transformation,” Pediatrics Grand Rounds, Dartmouth Hitchcock Medical Center, Lebanon, NH, Sept 2021

“AAMC Telehealth Competencies across the continuum of training,” Virtual meeting of the Northeast Telehealth Resource Center, Feb 2021

“Transformation in clinical care after COVID-19,” Creighton University lecture series (virtual), June 2020

“The future of primary care: Transforming to meet the needs of patients and communities,” Thetford Academy (VT) 150<sup>th</sup> anniversary speaker series, Mar 2019

“Improving Care for Children at the Interface of Primary care and Specialty Care” Pediatrics Grand Rounds, Dartmouth Hitchcock Medical Center, Lebanon, NH, Jan 2015

“Innovations in primary care: team-based care,” Primary Care Grand Rounds, Dartmouth Hitchcock Medical Center, Lebanon, NH, Sept 2012

“Office Pediatric Orthopedics,” Invited CME presentation at 2011 Vermont Chapter of the American Academy of Pediatrics, Burlington, VT, Nov 2011.

“The general pediatrician: supply, distribution, and a model of practice for the future.” Pediatric Grand Rounds at Dartmouth Hitchcock Medical Center, Mar 2011, Lebanon, NH.

“Developmental dysplasia of the hip.” CME presentation at CHaD Winter Conference, Bretton Woods, NH, Mar 2011.

“Idiopathic scoliosis.” CME presentation at CHaD Winter Conference, Bretton Woods, NH, Mar 2011.

“Lower extremity alignment.” CME presentation at CHaD Winter Conference, Bretton Woods, NH, Mar 2011.

“Developmental Dysplasia of the Hip: Issues in Multidisciplinary Management.” Research symposium, Dept. of Orthopedics, Dartmouth Hitchcock Medical Center, Oct 2007, Lebanon, NH.

“Developmental Dysplasia of the Hip: A Systematic Review of the Evidence.” Pediatric Grand Rounds at Dartmouth Hitchcock Medical Center, Feb 2007, Lebanon, NH.

“Using Evidence in Everyday Medical Practice.” Grand Rounds at Bay Area Hospital, May 2006, Coos Bay OR

“Developmental Dysplasia of the Hip: Evidence Review.” OHSU 1<sup>st</sup> Annual Pediatric Review and Update, December 2005, Portland OR

“Critical Review of the Literature: A Refresher.” OHSU 1<sup>st</sup> Annual Pediatric Review and Update, December 2005, Portland OR

“Practice-based Research in Pediatrics.” OHSU 1<sup>st</sup> Annual Pediatric Review and Update, December 2005, Portland OR

“Developmental Dysplasia of the Hip: A Systematic Review of the Literature,” Grand Rounds presentation for the Dept. of Pediatrics, Oregon Health & Science University, January, 2005

“General Pediatrics: Past, Present, and Future,” Grand Rounds presentation for the Dept. of Pediatrics, Oregon Health & Science University, February 2004

“Apophyseal Injuries in Active Youth” invited Grand Rounds presentation, Department of Pediatrics, Franklin Square Hospital, Baltimore, January 2002

“Overuse Injuries in Young Athletes” invited Grand Rounds presentation, Department of Pediatrics, Bayview Medical Center (Johns Hopkins affiliate), Baltimore, November 2001

“The Psychological Impact of Sports on Youth: Where are We Heading?” invited panelist on a Children and Sports conference, Dartmouth College, May 1999

“Beyond R.I.C.E.: Roles and Responsibilities of the Team Physician” Grand rounds presentation for the Department of Pediatrics, Dartmouth Hitchcock Medical Center, February 1998

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**REFERENCES:** Available upon request