**Curriculum Vitae**

**NAME**: Carroll, Aaron E.

**EDUCATION**:

UNDERGRADUATE: Amherst College, Amherst, MA B.A. Chemistry, 1994

GRADUATE: University of Pennsylvania, Philadelphia, PA MD, 1998

 University of Washington, Seattle, WA MS, 2003

POST DOCTORAL: University of Washington, Seattle, WA Pediatrics Resident, 2001

 RWJ Clinical Scholars Program, Seattle, WA Fellow, 2003

**ACADEMIC APPOINTMENTS**:

2001-2003 Acting Instructor, Department of Pediatrics, University of Washington

2003-2008 Assistant Professor, Department of Pediatrics, Indiana University School of Medicine

2008-2013 Associate Professor, Department of Pediatrics, Indiana University School of Medicine

2013-2021 Professor, Department of Pediatrics, Indiana University School of Medicine

2021-present Distinguished Professor, Department of Pediatrics, Indiana University School of Medicine

**HOSPITAL APPOINTMENTS**:

2003-present Active Attending Staff, JW Riley Hospital for Children

2003-present Active Attending Staff, Eskenazi Hospital

**OTHER APPOINTMENTS AND PROFESSIONAL CONSULTANTSHIPS**:

2003-2018 Affiliate Scientist, The Regenstrief Institute

2007-2018 Director, Center for Health Policy and Professionalism Research, Indiana University School of Medicine

2009-2013 Associate Director for Research, Children’s Health Services Research, Indiana University School of Medicine

2010-2013 Director, Interdisciplinary Research Core, Department of Pediatrics, Indiana University School of Medicine

2011-present Vice Chair for Health Outcomes Research Faculty Development, Department of Pediatrics, Indiana University School of Medicine

2012-2014 Assistant Dean for Research Mentoring, Indiana University School of Medicine

2013-present Director, Center for Pediatric and Adolescent Comparative Effectiveness Research

2014-present Associate Dean for Research Mentoring, Indiana University School of Medicine

2018-present Investigator, The Regenstrief Institute

2018-2021 Vice President for Faculty Development, The Regenstrief Institute

2020-2021 Chief Infection Officer, Big10 Athletics, Indiana University

2020-2021 Director of Surveillance and Mitigation, Medical Response Team, Indiana University

2021-present Chief Health Officer, Indiana University

**SPECIALTY BOARD STATUS:**

1999 Diplomate, National Board of Medical Examiners, Part I, II, III Completed

2001, 2009 Diplomate, American Board of Pediatrics

2016 Diplomate, American Board of Clinical Informatics

**LICENSURE AND CERTIFICATION**:

 Indiana: 01057726A

 Washington: 00039056 (inactive)

**PROFESSIONAL ORGANIZATIONS**:

1997 American Medical Association

1998 American Academy of Pediatrics

2001 American Medical Informatics Association

2001 Ambulatory Pediatric Association

2004 Society for Medical Decision Making

2005 American Diabetes Association

2005 Physicians for a National Health Plan

2011 Society for Pediatric Research

2012 AcademyHealth

**HONORS AND AWARDS**:

1990 National Merit Scholar, Amherst College

1994 Sigma Xi Honors Society, Amherst College

1998 Graduation Speaker, Univ. of Pennsylvania School of Medicine

2002 Fellows Award, Ambulatory Pediatrics Association

2006 Dr. Quentin Young Health Activist Award

2010 IUPUI Trustees Teaching Award

2013 Showalter Scholar

2014 John P. McGovern MD Award

2015 NIHCM Health Care Digital Media Award

2017 Media Orthopaedic Reporting Excellence (MORE) Award

2018 Bicentennial Professor, Indiana University

2019 Excellence in Faculty Mentoring Award – Clinical

2020 Bicentennial Award, Indiana University

2021 Distinguished Service Medal, Indiana University

**TEACHING ACTIVITIES:**

COURSES

2003 – 2008 “How to read the literature critically”, a lecture series that teaches evidence based medicine to pediatrics residents and medical students. I have created and am responsible for the curriculum. I give about 10 noon conference lectures annually on varying topics, and also run the associated Journal Club. I lead about 10 meetings of the Journal Club each year. The feedback that I have received so far from these programs has been overwhelmingly positive.

2004 – 20012 I lecture on the pediatric fellowship curriculum on both evidence based medicine, and general career development issues, such as what to look for in a job after fellowship.

2007 – 2009 Financing and Regulating Health Care (FA07 IN LAW N845 27673). I was a lecturer for a number of sessions in this course.

2007 – 2011 Clinical Research Center Resident Rotation. I met with all residents doing this elective both under the GCRC and then the CTSI.

2009 – 2015 Health Policy and Economics, a course for first year medical students. I planned and led 8 sessions in the second semester of the first year of medical school.

2019 – present Scholarly Foundations in Research Fundamentals

CLINICAL TEACHING

2003–2020 As a pediatric clinic attending (2-3 times per month), I am engaged in teaching pediatric residents. This instruction consists of informal discussions of common pediatric illnesses and well child care. I also spend significant time teaching residents how to use the literature to further their education and answer questions for themselves and their patients. As a pediatric ward attending (about 2 weeks per year), I spend 1-2 hours each day teaching pediatric residents, medicine-pediatric residents, and medical students. This instruction consists of formal and informal discussions of common pediatric illnesses, usually with an evidence-based medicine slant.

HEALTH SERVICES RESEARCH FELLOWS

2006–2008 Rachel Vreeman, MD, MS served as primary mentor and director of her fellowship.

2007–2009 Maria Finnell, MD, serve as mentor and director of her fellowship

2008-2010 Erin Cernkovich, PhD, serve as primary mentor and director of her fellowship

2009–2011 Jason Woodward, MD, serve as mentor and director of her fellowship

2010–2011 Kristin Hendrix, PhD, serve as mentor and director of her fellowship

2010–2012 Ionoa Cristea, MD, serve as primary mentor and director of her fellowship

2011–2013 Rachel Thompson, MD, serve as primary mentor and director of her fellowship

ADOLESCENT MEDICINE FELLOWS

2005–2007 Michael Spaulding Barclay, MD, served on mentorship committee and worked on study using mobile technology to assess behaviors and moods around patients with eating disorders.

2005–2007 Aneesh Tosh, MD, served on mentorship committee and mentored on study of the use of personal digital assistants in adolescent diabetes management.

HEMATOLOGY AND ONCOLOGY FELLOWS

2005–2008 Jody Sima, MD, serve on mentorship committee and mentor on course of research in management of survivors of childhood cancer.

PEDIATRIC HOSPITALIST FELLOW

2010-2012 Thomas Coffelt, mentor In research project using PHIS database to describe patients with reflex neurovascular dystrophy

PEDIATRIC RESIDENTS

2004 Aishu Deenadayalu, MD, mentored on AAP CATCH grant on study of children transitioning to adult care.

2005 Cynthia Myers, MD, mentored in analysis of data in her project on Twenty-four-hour cardiopulmonary stability in a model of assisted newborn Fontan circulation.

2005–2006 Tyson Neumann, MD, mentored in study of how mock codes affect comfort of residents in code situations.

2005–2008 Pamela Rodgers, MD, mentored in study of how physicians work up the siblings of children with vesicoureteral reflux.

2005–2008 Alvaro Tori, MD, mentored in study of how symptoms and clinical course are related in eosinophilic esophagitis.

**PROFESSIONAL SERVICE**:

UNIVERSITY SERVICE

UNIVERSITY ADMINISTRATIVE SERVICE:

2004–2012 Director, Indiana Children’s Health Services Research Fellowship

2010–2014 Director, Interdisciplinary Research Core, Department of Pediatrics

2014–2021 Director, Independent Investigator Incubator

2016 Chair, Study Section for IU Health Grand Challenge Awards

2017-2020 Director of Education and Workforce Development, Indiana CTSI

2020-2021 Director of Surveillance and Mitigation, Indiana University

2021-present Chief Health Officer, Indiana University

2022-present Irsay Institute Advisory Board Member

UNIVERSITY COMMITTEE SERVICE:

2004–2008 General Clinical Research Center Advisory Committee

2005–2014 Scientific Committee for Pediatric Practice Based Research Network

2012–2014 Member, IUPUI Faculty Council

2012-2013 Co-Director, Transforming Research Initiative

2014–2022 PRMC Committee, Director

2014–present Pediatric Promotion and Tenure Committee

2014–2020 Director, Independent Investigator Incubator

2016–present CTSI Data Core Advisory Panel

2018 Search Committee for VP of Research, Regenstrief Institute

2019-2020 Director, Search Committee for Director of Center for HSR, Regenstrief Institute

2019-2020 Member, Restart Committee, Indiana University

2019-2020 Search Committee for Center for Biomedical Informatics, Regenstrief Institute

2022 Search Committee for President and CEO, Regenstrief Institute

2022-present Board of Directors, Regenstrief Institute

2023 Executive Leadership Team, Bloomington IU 2030

SERVICE TO DISCIPLINE

REGIONAL

2004–2008 Chair, Monitoring Sub-Committee of the Indiana State Department of Health

 Diabetes Advisory Committee

NATIONAL AND INTERNATIONAL

2003-present Scientific Reviewer for Journals:

 *Ambulatory Pediatrics*

 *American Journal of Public Health*

 *American Medical Informatics Association Symposium*

 *Annals of Internal Medicine*

 *Archives of Diseases of Childhood*

 *Archives of Pediatrics and Adolescent Medicine*

 *Birth Defects Research*

 *BMC Medical Informatics*

 *BMC Medical Ethics*

 *Diabetic Medicine*

 *Expert Opinion on Drug Safety*

 *JAMA*

 *JAMA Pediatrics*

 *Journal of the American Medical Informatics Association*

 *Journal of Pediatrics*

 *Journal of Medical Informatics*

 *Medical Care*

 *Medical Journal of Australia*

 *Patient Education and Counseling*

 *Pediatrics*

 *Practical Reviews in Pediatrics*

 *The Lancet*

2004–2012 Member, Publications Committee, American Medical Informatics Association

2004–2005 Scientific Program Committee Member, American Medical Informatics Association Annual Symposium

2005–2020 Partnership for Policy Implementation Member, American Academy of Pediatrics

2005–2018 Abstract Reviewer for 2006 Pediatric Academic Societies Annual Meeting

2005–2008 Member, committee writing the American Academy of Pediatrics clinical report on newborn screening

2006 Contributor, *Advances and Emerging Opportunities in Type 1 Diabetes Research: A Strategic Plan* for the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)

2007–2009 Member, American Health Information Community’s (AHIC) Personalized Health Care (PHC) subgroup on newborn screening test results and electronic health records (EHR), representing the American Academy of Pediatrics.

2007–2008 Ad hoc study section member for Diabetes UK.

2009–2012 Member, committee writing the American Academy of Pediatrics guideline on acute otitis media

2010 Ad hoc study section member for Maternal Child and Health Bureau

2011 Ad hoc study section member for the National Institute of Diabetes and Digestive and Kidney Diseases

2011 Ad hoc grant reviewer for The Research Council of Norway

2011 Co-Chair, RAND-AMA-PCPI Office of the National Coordinator (ONC) for Health IT "Advancing Clinical Decision Support Project" Expert Panel

2012–present Ad hoc study section member for AHRQ

2012–2018 Editorial Board, *JAMA Pediatrics*

2013–present Ad hoc study section member for NIH

2015–present National Advisory Committee, E4A, Robert Wood Johnson Foundation

2015–2017 AcademyHealth Research Meeting, Program Committee Member

2015–present Midwest Comparative Effectiveness Public Advisory Council Member

2018–present Web and Social Media Editor, *JAMA Pediatrics*

SERVICE TO PATIENT/CLIENTS AND RELATED CLINICAL INSTITUTIONS

2003–2014 Attending Physician, Eskenazi Pediatric Care Center (1/2 day clinic, 2-3 times per month)

2014–2020 Attending Physician, Riley Hospital Pediatric Clinic (1/2 day clinic, 2-3 times per month)

**OTHER PROFESSIONAL ACTIVITIES**:

INVITED LECTURES

1. “Peer to Peer Conversation: College and Universities”, NAM Webinar, June 9, 2023.
2. “Navigating Mental Health for Students.” Hutton Honors HON-H238, Bloomington, IN, February 23, 2023.
3. “Global Health Care: What Can the U.S. Health Care System Learn From Other Countries?” Kelley School Business of Medicine MBA Program, Indianapolis, IN, October 28, 2022.
4. Understanding Research.” Northwestern University Medical School Department of Medicine Grand Rounds, CHICAGO IL, September 6, 2022, 2022.
5. “Global Health Care: What Can the U.S. Health Care System Learn From Other Countries?” IUSM STEPS Program, Indianapolis, IN, August 29, 2022.
6. “Responding to the Covid Pandemic.” NFL Alumni Town Hall, April 12, 2022.
7. “Responding to the Covid Pandemic.” APPE Event, Indianapolis Central Library, March 16, 2022.
8. “Population Health.” Indiana University School of Medicine Lecture, Indianapolis, IN, February 28, 2022.
9. “Responding to the Covid Pandemic.” Medicine in the Media Lecture, January 28, 2022.
10. “Responding to the Covid Pandemic.” Glick Corporation Meeting, January 26, 2022.
11. “Understanding Research.” Indiana University School of Medicine Lecture, Indianapolis, IN, October 19, 2021.

1. “Strategies for Combating Mid-information in the Social Media Era.” AcademyHealth Annual Research Meeting Panel, June 17, 2021.
2. “Responding to the Covid Pandemic.” Cream and Crimson Executive Council Meeting, June 11, 2021.
3. “Science: Necessary, but not Sufficient.” Indiana University School of Medicine STEM summer program lecture, Indianapolis, IN, June 1, 2021.
4. “Learning to live with Covid-19.” National Academy of Medicine and American Public Health Association Panel, May 26, 2021.
5. “Managing the Pandemic in Higher Education Institutions (Past, Present and Future).” AAU Partners Meeting, April 19, 2021.
6. “Spreading knowledge is as important as generating it.” Indiana University Distinguished Professor Symposium, Indianapolis, IN, April 16, 2021.
7. “Ohio State University Midland Lecture.” OSU, April 15, 2021.
8. “Talking to the public about research: A scientific imperative.” Seattle Children’s Hospital Research Day, Seattle, WA, March 26, 2021.
9. “Understanding Research.” Seattle Children’s Hospital Grand Rounds, Seattle, WA, March 25, 2021.
10. “Covid and Identity”. Residential Life Administration, Indiana University, Indianapolis, IN February 8, 2021.
11. “A (Short) History of Healthcare Reform” Indiana University School of Medicine Lecture, Indianapolis, IN, February 8, 2021.
12. “Communicating health economics research to non-researcher audiences.” NCI Future of Cancer Health Economics Research Conference, Virtual meeting, December 2, 2020.
13. “Covid and the Future of Global Health.” Mt. Sinai Global Health Lecture, New York, NY, November 30, 2020.
14. “Understanding Research.” Indiana University School of Medicine Lecture, Indianapolis, IN, September 14, 2020.
15. “COVID-19 Q&A.” Indiana University School of Medicine, Indianapolis, IN, April 30, 2020.
16. “Career Q&A.” MHA Finance Program, Muhlenberg College, April 27, 2020.
17. “Career Q&A.” MHA Finance Program, The Ohio State University, April 21, 2020.
18. “A (Short) History of Healthcare Reform.” Indiana University School of Medicine Lecture, Indianapolis, IN, April 13, 2020.
19. “COVID-19 Q&A Livestream.” Indiana University, Bloomington, IN, April 3, 2020.
20. “This is How the World Beats the Coronavirus.” Mt. Sinai Global Health Lecture, New York, NY, March 25, 2020.
21. “Is an Ounce of Prevention Really Worth a Pound of Cure?” APHA Annual Meeting, Philadelphia, PA, November 4, 2019.
22. “Understanding Research.” Congress of Neurological Surgeons Annual Meeting, San Francisco, CA, October 23, 2019.
23. “What's Right for Me? Practical Approaches to Personalized Medicine”, PCORI Annual Meeting Opening Plenary Session, Washington, DC. September 18, 2019.

1. “Science: Necessary, but not Sufficient.” Indiana University School of Medicine STEM summer program lecture, Indianapolis, IN, July 16, 2019.
2. “Understanding Research.” Lilly Grant Rounds, Indianapolis, IN, June 5, 2019.
3. “Understanding Research.” Michigan School of Public Health, Ann Arbor, MI, April 16, 2019.
4. “A (Short) History of Healthcare Reform” Indiana University School of Medicine Lecture, Indianapolis, IN, February 4, 2019.

1. “Does Prevention Save Money?” AcademyHealth Policy Salon, Washington, DC, January 25, 2019.
2. “Understanding Research?” Carmel High School AP Seminar Lecture, Carmel, IN, January 11, 2019.

1. “Global Health Care: What Can the U.S. Health Care System Learn From Other Countries?” Kelley School Business of Medicine MBA Program, Indianapolis, IN, November 9, 2018.
2. “How Much, How Often? What to Do When One Treatment Approach Isn't Better Than Another”, PCORI Annual Meeting Opening Plenary Session, Washington, DC. October 31, 2018.

1. “Evidence based policy: An Unfortunately Elusive Goal.” Visiting Professor Talk, Memorial Sloan Kettering, New York, NY. October 9, 2018.
2. “Ethics and Policy Issues Concerning Gene Therapy.” Indiana CTSI Annual Meeting, Indianapolis, IN. September 14, 2018.
3. “Will Evidence Matter in a World of Misinformation? And What is the Role of Media?” AcademyHealth ARM Keynote, Seattle, WA. June 24, 2018.
4. “Global Health Care: What Can the U.S. Health Care System Learn From Other Countries?” Riley Care Conference. Indianapolis, IN. May 16, 2018.
5. “Health Insurance and Policy”. Indiana University School of Medicine Lecture, Indianapolis, IN. February 18, 2018.
6. “Global Health Care: What Can the U.S. Health Care System Learn From Other Countries?” Kelley School Business of Medicine MBA Program, Indianapolis, IN, November 10, 2017.
7. “The Affordable Care Act: Preparing for 2018 and Beyond” Cyracom Annual Meeting. Philadelphia, PA, October 12, 2017 .
8. “Health Care Journalism Panel.” Kaiser Permanente Executive Summit. Washington, DC, October 10, 2017.
9. “Myths, Lies, and Misconceptions About Health Care.” The Alliance, Annual Meeting. Madison, WI, September 28, 2017.
10. “Addressing the Opioid Epidemic with Drug Free Pain Management.” Gallup Conference. Washington, DC, September 12, 2017.
11. “Healthcare Reform: The Status of Repeal and Replace.” Kent Presents. Kent, CT, August 29, 2017.
12. “Medical Myths.” Kent Presents. Kent, CT, August 28, 2017.
13. “Evidence based policy (or lack thereof).” Pediatric Hospitalist Medicine Annual Meeting, Keynote Address. Nashville, TN. July 21, 2017.
14. “Evidence based policy (or lack thereof).” Riley Care Conference. Indianapolis, IN. May 17, 2016.
15. “The Affordable Care Act: Preparing for 2017 and Beyond” Keynote address, TGaS Advisors summit, Dallas, TX, April 26, 2017.
16. “The Affordable Care Act: Preparing for 2017 and Beyond” Keynote address, Benefits PRO Annual Meeting, Indianapolis, IN, April 11, 2017.
17. “Evidence based policy (or lack thereof).” Amherst College, Visiting Professor. Amherst, MA. March 23, 2017.

1. “Evidence based policy (or lack thereof).” University of North Carolina School of Public Health, Visiting Professor. Chapel Hill, NC. March 1, 2017.
2. “The Affordable Care Act: Preparing for 2017 and Beyond” Keynote address, National Association of Health Underwriters Capitol Conference, Washington, DC, February 14, 2017.
3. “What’s wrong with our health care system, and what can emerging technology do about it?” Spok Global Conference, Austin, TX, January 17, 2017.

1. “Global Health Care: What Can the U.S. Health Care System Learn From Other Countries?” Kelley School Business of Medicine MBA Program, Indianapolis, IN, November 18, 2016.
2. “The Affordable Care Act: Preparing for 2017 and Beyond” Texas Association of Health Plans Annual Meeting, Dallas, TX, November 14, 2016.
3. “Global Health Care: What Can the U.S. Health Care System Learn From Other Countries?” Indiana Hospital Association Annual Meeting, Indianapolis, IN, October 7, 2016.
4. “What’s wrong with our health care system, and what can emerging technology do about it?” South Dakota Association of Healthcare Organizations Annual Meeting, Sioux City, SD, September 22, 2016.
5. “Medical Myths.” Kent Presents. Kent, CT, August 20, 2016.
6. “The End of Journals?” AcademyHealth Research Meeting. Boston, MA. June 27, 2016.
7. “Evidence based policy (or lack thereof).” Indiana Healthcare Executives Network. Carmel, IN. May 4, 2016.
8. “From there to here: Being prepared for opportunities as they come.” The Haverford School. Haverford, PA, March 3, 2016.
9. “Moving Forward: The Future of Information Technology In Health Care?” Virginia Health and Hospital Association Annual Meeting, Hot Springs, VA, November 13, 2015.
10. “What’s wrong with our healthcare system, and can HIT fix it?” MERGE Live 2015 Keynote address, San Diego, CA, September 3, 2015.
11. “Modernizing Health Care in Response to Consumerization?” Optum Executive Forum 2015, Washington, DC, August 18, 2015.
12. “The Affordable Care Act: Preparing for 2015 and Beyond.” Crain’s Business Forum, Cleveland, OH, June 2, 2015.
13. “The Affordable Care Act: Preparing for 2015 and Beyond.” Upsher-Smith, Minneapolis, MN, June 4, 2015.
14. “What’s wrong with our healthcare system, and can HIT fix it?” INSPIRE 2015 Keynote address, Washington, DC, April 20, 2015.
15. “Medical Myths.” Indiana Health Law Review Symposium Keynote, Indianapolis, IN, March 27, 2015.
16. “Talking to the public about research: An HSR imperative.” Indiana Children’s Health Services Research Symposium, Indianapolis, IN, March 11, 2015.

1. “The Affordable Care Act: A North Carolina Update.” UNC Stiles Visiting Professorship, Chapel Hill, NC, March 6, 2015.
2. “Medical Myths Even Doctors Believe.” UNC Stiles Visiting Professorship, Chapel Hill, NC, March 5, 2015.
3. “How Health Information Technology is Failing to Achieve its Full Potential.” UNC Stiles Visiting Professorship, Chapel Hill, NC, March 5, 2015.
4. “Can Health IT Be More Meaningful?” AcademyHealth National Health Policy Conference, Washington, DC February 10, 2015.
5. “Talking to the public about research: An HSR imperative.” University of Michigan CHEAR Seminar, Ann Arbor, Michigan, December 16, 2014.
6. “Child Health Improvement through Computer Automation: The CHICA studies.” University of Michigan Pediatric Grant Rounds, Ann Arbor, Michigan, December 16, 2014.
7. “Health Care Reform – It’s Far From Over.” UST Executive Conference on the Future of Health Care, Minneapolis, MN, November 7, 2014.
8. “Health Care Reform – It’s Far From Over.” Cordata Workshop on Health Care, Indianapolis, IN, September 26, 2014.
9. “Health Care Reform – It’s Far From Over.” John P. McGovern MD Lecture, Medical Library Association Annual Meeting, Chicago, IL, May 18, 2014.
10. “Accountable Care Organizations.” Riley Hospital for Children Pediatric Conference, Indiana University School of Medicine, May 15, 2014.
11. “Health Care Reform – An Indiana Update.” Riley Hospital for Children Grand Rounds, Indiana University School of Medicine, March 18, 2014.
12. “Health Care Reform – It’s Far From Over.” Abbott Point of Care 2014 Worldwide Sales Meeting, Orlando, FL, January 21, 2014.
13. “Healthcare Change and Reforms – What it Means for the HCP.” TGaS Advisors, Philadelphia, OA, November 6, 2013.

1. “Health Care Reform – It’s Far From Over.” Sacred Heart Health System Annual Meeting, Pensacola, FL, October 29, 2013.
2. “Health Care Reform – It’s Far From Over.” Riley Hospital for Children Pediatric Conference, Indiana University School of Medicine, May 29, 2013.

1. “Health Care Reform – It’s Far From Over.” VHA OK/AR Annual Trustee/Physician/CEO Conference, Keynote Address, April 19, 2013
2. “Health Care Reform – It’s Far From Over.” Amherst College, Amherst, MA, April 11, 2013

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1. “Focusing on the System: A Somewhat Different Career in Medicine.” Amherst College, Amherst, MA, April 10, 2013.
2. “Health Care Reform – It’s Far From Over.” Riley Hospital for Children Grand Rounds, Indiana University School of Medicine, February 6, 2013.
3. “Health Care Reform – It’s Far From Over.” Bloomington Hospital Grand Rounds, January 16, 2013.
4. “Medical Myths.” Dean’s Gift Development Office Staff Retreat, December 7, 2012.
5. “The Medicaid Expansion.” Covering Kids & Families of Indiana Annual Meeting, December 4, 2012.
6. “Health Care Reform – It’s Far From Over.” Keynote Address, 4th Annual NHBR Health Care Forum, Concord, NH. October 2, 2012.
7. “Child Health Improvement through Computer Automation: The CHICA Experiments.” Le Bonheur Children's Hospital Grand Rounds, September 24, 2010.
8. “Health Care Reform – It’s Far From Over.” Keynote Address, Genzyme Care Coordination Annual Meeting, Providence, RI. September 20, 2012.
9. “Health Care Reform – It’s Far From Over.” Santé Ventures Annual Meeting, Houston, TX. June 21, 2012.
10. “Health Care Reform – It’s Far From Over.” Neonatology Symposium, Indianapolis, IN. May 11, 2012.

1. “Accountable Care Organizations.” Riley Care Conference, IN AAP Luncheon, Indianapolis, IN, May 10, 2012.
2. “Advancing Children’s Hospitals Using Tomorrow’s Information Technology Solutions Today.” Keynote Address, National Association of Children & Hospital Related Institutions Creating Connections Conference, St. Louis, MO. March 14, 2012.
3. “Medical Myths.” Keynote Address, North American Dental Hygiene Research Conference, Washington, DC. October 20, 2011.
4. "Health Care Reform – It’s Far From Over.” Keynote Address, American Society for Healthcare Risk Management Annual Meeting, Phoenix, AZ. October 19, 2011.

1. “Health Care Reform – It’s Far From Over.” Blue Cross/Blue Shield of Illinois Major Accounts Advisory Committee Meeting, Chicago, IL. October 12, 2011.
2. “The Future of Health Information Technology.” Panasonic Solutions Company 2011 Healthcare Technology Symposium, Charlotte, NC. September 12, 2011.
3. “The Future of Health Information Technology.” Washington State Medical Association Annual Meeting, Spokane, WA. September 10, 2011.
4. “Health Care Reform – It’s Far From Over.” IUSM Leadership Day, Indianapolis, IN. August 27, 2011.
5. “Health Care Reform – It’s Far From Over.” Keynote Address, American Physican Therapists Association National Meeting, Washington, DC. June 8, 2011.
6. “The Future of Health Reform: It’s the Cost, Stupid!” Blue Cross/Blue Shield of Illinois Managers Meeting, May 18, 2011.
7. “Black Holes: Filling in the Blanks of the Patient Protection and Affordable Care Act.” Keynote Address, PMRG Annual Meeting, Phoenix, AZ. March 28, 2011.
8. “Looking to the Future of Health Care Reform: Myths Versus Facts.” Bloomington Hospital Grand Rounds, February 9, 2011.
9. “Looking to the Future of Health Care Reform: Myths Versus Facts.” Keynote Address, American Society of Association Executives, Healthcare Association Conference, Chicago, IL. November 19, 2010.
10. “Health Care Reform – It’s Just Begun.” Blue Cross/Blue Shield of Illinois Leadership Meeting, Chicago, IL. November 16, 2010.

1. “Health Care Reform – It’s Still Necessary.” St. Vincent’s CME Conference, Indianapolis, IN. September 29, 2010.
2. “Child Health Improvement through Computer Automation: The CHICA Studies.” Boston Medical Center Grand Rounds, September 23, 2010.
3. “Leadership in Medicine.” IUSM Leadership Day, Indianapolis, IN. August 28, 2010.

1. “Medical Myths.” Keynote Address, ISLHA Annual Meeting, Indianapolis, IN. April 8, 2010.
2. “Diagnosing the US Health Care System.” Keynote Address, ASCH Annual Scientific Meeting, Nashville, TN. March 13, 2010

1. “Medical Myths.” JCC Festival of Books, Indianapolis, IN. March 10, 2010.
2. “Medical Myths.” Keynote Address, ATSU Community Luncheon, Scottsdale, AZ. February 24, 2010.
3. “Medical Myths Even Doctors Believe.” CME Pediatric Pearls, January 26, 2010.
4. “Health Care Reform.” Covering Kids and Families Annual Meeting, December 8, 2009.
5. “Health Care Reform.” Guest lecture for U.S. Health Care Systems, Policies, and Ethical Challenges, November 30, 2009.
6. “Health Care Reform.” Pediatric Therapeutics, November 24, 2009.
7. “Medical Myths.” IUPUI Health Benefits Fair, Indianapolis, IN, October 30, 2009.
8. “Medical Myths.” Reading at the Table, Indianapolis, IN, October 15, 2009.
9. “Health Care Reform Panel.” JCRC Health Care Reform Event, October 7, 2009
10. “Health Care Reform.” Riley Hospital for Children Grand Rounds, Indiana University School of Medicine, September 30, 2009.
11. “Pediatric Health Policy.” St. Vincent’s CME Conference, September 30, 2009.
12. “Medical Myths.” NJCW Kickoff Event, Indianapolis, IN, September 13, 2009.
13. “Health Care Reform.” IUSM Health Reform Panel, September 11, 2009.
14. “Medical Myths.” Mickey’s Camp, Indianapolis, IN, August 19, 2009.

1. “Medical Myths.” IU Kokomo Alumni Event, August 6, 2009.
2. “Medical Myths Even Doctors Believe.” IUPUI Mini Medical School, February 25, 2009.
3. “National Health Insurance: Facts, Not Rhetoric.” Franklin College, January 16, 2009.
4. “Teaching Medical Trainees about Pharma: An Evidence Base.” Pediatric Endocrinology Grand Rounds, Indiana University School of Medicine, December 10, 2008.
5. “Debate on Health Care Reform.” IUPUI School of Law, October 29, 2008.
6. “Physician Support for National Health Insurance.” PNHP Annual Meeting, October 25, 2008.
7. “Teaching Medical Trainees about Pharma: An Evidence Base.” Ethics at Lunch Series, Indiana University School of Medicine, October 17, 2008.
8. “National Health Insurance: Facts, Not Rhetoric” Fairbanks Ethics Lecture Series, Indiana University School of Medicine, September 7, 2008.
9. “National Health Insurance: Facts, Not Rhetoric.” Riley Hospital for Children Grand Rounds, Indiana University School of Medicine, April 30, 2008.
10. “National Health Insurance: Facts, Not Rhetoric.” Bloomington Hospital Grand Rounds, April 4, 2008.
11. “Market Reforms for Health Care Financing.” IUPUI Health Law Panel, Indiana University School of Medicine, September 20, 2007.
12. “How to give a Grand Rounds about National Health Insurance.” PNHP Annual Meeting, November 3, 2007.
13. “Universal Health Care.” IUPUI Health Law Panel, Indiana University School of Medicine, September 20, 2007.
14. “Teaching Medical Trainees about Pharma: An Evidence Base.” Riley Hospital for Children Grand Rounds, Indiana University School of Medicine, July 25, 2007.
15. “National Health Insurance (Real Universal Coverage).” Bloomington Hospital Grand Rounds, April 11, 2007.
16. “National Health Insurance: A Hard Look at the Facts.” IUPUI School of Law Health Policy Seminar, November 29, 2006.
17. “How to give a Grand Rounds about National Health Insurance.” PNHP Annual Meeting, November 4, 2006.
18. “National Health Insurance: A Hard Look at the Facts.” Indiana University School of Social Work, Nov 1, 2006.
19. “National Health Insurance: A Hard Look at the Facts.” Robin Run Community Center, September 17, 2006.
20. “National Health Insurance: A Hard Look at the Facts.” Bloomington Hospital Grand Rounds, April 14, 2006.
21. “Drug Companies and Doctors: The Details about the Detailing.” Riley Hospital for Children Grand Rounds, Indiana University School of Medicine, September 21, 2005.
22. “National Health Insurance: A Hard Look at the Facts.” Family Medicine Residency Program, Indiana University School of Medicine, September 15, 2005.
23. “National Health Insurance: A Hard Look at the Facts.” Family Medicine Faculty Meeting, Indiana University School of Medicine, June 23, 2005.
24. “National Health Insurance: A Hard Look at the Facts.” Indiana University, South Bend Campus, May 6, 2005.
25. “National Health Insurance: A Hard Look at the Facts.” Riley Hospital for Children Grand Rounds, Indiana University School of Medicine, March 9, 2005.
26. “National Health Insurance: A Frank and Open Discussion.” Men’s Club Breakfast, Beth El-Zedek, Indianapolis, IN, March 6, 2005.

**GRANTS AND CONTRACTS**:

ACTIVE:

R21HD097452

NIGMS 03/01/2020 – 02/28/2024

“Risk Factors for Residual Medical Needs after Pediatric Trauma Injury”

Explores risk factors for continued opioid use and misuse after pediatric trauma injury and treatment.

Role: Co-Primary Investigator $440,549

R01DK118433 04/01/2019 – 03/31/2024

NIDDK

“Automated Assessment of Pediatric Rome IV Criteria Using Computerized Decision Support”

Will provide funding for a study to evaluate the ability a clinical decision support system to improve use of Rome IV criteria in general pediatric practice.

Role: Co-Primary Investigator $2,292,845

K12HS026390

AHRQ 09/30/2018 – 09/29/2023

K12

“Leveraging Infrastructure to train investigators in patient centered outcomes research in the learning health system (LITI-PCORLHS)”

Role: Co-Primary Investigator $3,433,525

COMPLETED:

KL2TR002530 05/01/2018 – 04/30/2023

NIH-NCATS

Indiana Clinical and Translational Sciences Institute - K program

This KL2 Career Development Core Program, aligned with the Indiana Clinical and Translational Research Institute, provides training and career development for clinical and translational scientists at an institutional, regional, and national level.

Role: Primary Investigator. $4,341,070

R25GM132785-01 06/01/2019 – 05/31/2022

NIGMS

R25 – Training Modules to Promote Research Reproducibility

“Podcasts to Address the Impact of the Culture of Science on Reproducibility of Research”

Role: Primary Investigator $186,482

DP3DK113183

NIDDK 04/01/2017 – 03/30/2022

 “Patient-Centered Decision Support to Improve Diabetes Management in Pre-Teens and Adolescents with Type 1 Diabetes”

Role: Co-Primary Investigator $1,920,183

RWJ 09/01/2017 – 08/31/2020

Investigator Initiated Grant

Change Leadership IRL Dissemination Proposal

Role: Primary Investigator $225,000

AHRQ 09/30/2013 – 9/29/2019

R24 – Infrastructure Development in PCOR

“Improving Patient-Centered Outcomes Research in Pediatric Subspecialities”

Will provide funding for the creation of a Center for Pediatric Comparative Effectiveness Research at lUSM and lU Health.

Role: Primary Investigator $4,909,623

RWJ 02/01/2018 – 07/31/2019

Using YouTube Infrastructure to Disseminate Evidence for Policy

The overall goal of this project is to improve the ways in which the media covers science, by creating a series of videos in a number of domains.

Role: Primary Investigator $168,701

NIGMS 09/15/2015 – 08/31/2018

R25 – Training Modules to Promote Research Reproducibility

“Utilizing Established YouTube Infrastructure for Training Module Development”

Provides funding for new curriculum using novel media.

Role: Primary Investigator $149,930

NIDDK 09/03/2015 – 08/31/2018

R21 – Pilot and Feasibility Clinical Research Grants in Kidney or Urologic Disease

“Randomized Robotic-Assisted versus Open surgery: Benefits and Patient Centered Outcomes Trial(Randomized ROBOT)”

Provides funding for pilot comparative effectiveness research study.

Role: Co-Primary Investigator $429,313

RWJ 03/01/2017 – 12/31/2017

Investigator Initiated Grant

Review of Childhood Obesity Programs

Role: Primary Investigator $100,000

Academy Health 05/01/2016 – 05/31/2017

Investigator Initiated Award

“Healthcare Research Translation for Policy Makers and Managers”

Role: Primary Investigator $41,816

AHRQ 07/01/2013 – 06/30/2016

R13 – Grant Program for Large of Recurring Conferences

“Annual Symposium for Pediatric Health Services Research”

Provides funding for three annual symposia in pediatric health services research.

Role: Primary Investigator $138,772

NIDDK 07/23/2012 – 03/31/2016

R01 – Investigator Initiated Grant

“Computer Automation for Diagnosis and Management of Childhood Type 2 Diabetes”

Will provide funding for a study to evaluate the ability of the Child Health Improvement through Computer Automation (CHICA) system to improve diagnosis and management of childhood type 2 diabetes.

Role: Co-Primary Investigator $1,761,743

Picower Foundation 5/1/2012 – 4/30/2015

Investigator Initiated Award

“Primary prevention of diabetes in children and mothers at increased risk”

Role: Co-Investigator

NIH/NLM 9/1/2011 – 8/31/2014

R01 - Express Research Grants

“Delivering Geospatial Intelligence to Healthcare Professionals”

Will expand the medical application of Geographic Information Systems (GIS) into the primary care setting, where it can directly support pediatricians in ‘real-time’ as they counsel patients about achieving health behavior changes.

Role: Co-Investigator

Academy Health 5/1/2012 – 4/30/2014

Investigator Initiated Award

“Healthcare Research Translation for Policy Makers and Managers”

Role: Co-Primary Investigator $73,374

Office of the National Coordinator for HIT 04/01/2012 – 3/31/2014

Contract with The Regenstrief Institute

“Inspiring to Awesome: Advanced Query for Patient Care.”

Role: Co-Investigator

RWJF 1/1/2012 – 12/31/2013

Investigator Initiated Award

“How do we value lives at different ages? Utility values as a way of operationalizing the question.”

Role: Primary Investigator $300,000

AHRQ 09/30/2009 – 07/31/2013

R01 – Health Services Research

Computer Assisted Autism Care (CAAC)

The major goals of this project are to improve the diagnosis and care of children with autism through the implementation of a computer decision support system in primary care practices.

Role: Co-Investigator

AHRQ 07/01/2008 – 06/30/2013

NRSA Inst Research Training Grant (T32)

“Indiana Children’s Health Services Research Training Program”

Provides funding for postdoctoral training to pediatric physicians, preparing them for careers in health services research.

Role: Co- Investigator

AHRQ 06/01/2009 – 05/31/2012

R01 – Health Services Research

“Computer Automated Developmental Surveillance and Screening (CADSS)

Will provide funding for a study to evaluate the ability of the Child Health Improvement through Computer Automation (CHICA) system to improve developmental surveillance and screening activities of pediatricians.

Role: Primary Investigator $899,183

RWJF 9/15/2011 – 3/14/2012

Investigator Initiated Award

“Healthcare Research Translation for Policy Makers and Managers”

Role: Co-Primary Investigator $100,000

NIH/NLM 08/01/2009 – 07/31/2011

R01 - Express Research Grants

“Computer Decision Aid for ADHD Management (CDAAM)”

Will provide funding for a study to evaluate the ability of the Child Health Improvement through Computer Automation (CHICA) system to improve ADHD management.

Role: Primary Investigator $1,005,690

AHRQ 06/01/2009 – 05/31/2010

R03 – Small Grant Mechanism

“Malpractice: Ignored Specialties Study (MISS)”

Will provide funding to explore the effect of malpractice on primary care specialties.

Role: Primary Investigator $79,908

NIH R03DK078704 03/01/2008 – 02/28/2010

Small Grant Mechanism for K awardees

“Contracting and monitoring relationships between adolescents with type I diabetes.” Provides funding for the development and testing of a behavioral contract between adolescents with Type I diabetes, their parents, and their providers.

Role: Primary Investigator $151,000

NIH DK67879 08/01/2004 – 07/31/2009

K-23 Career Development Award

Provides primary funding for career development and course of research in the design, development, and pilot testing of mobile technology to improve the management of adolescent diabetes.

Role: Primary Investigator. $588,260

Clarian Values Grant VFR-190 04/01/2005 – 05/31/2007

Values Fund for Research

Provides primary finding for the initial two phases of my K award research, which will involve the design and development of a mobile tool to improve adolescent diabetes management. The primary effort of this research involves focus groups and semi-structured interviews of adolescents with diabetes, their parents, and their providers.

Role: Primary Investigator $69,469

PBRN Resource Center 07/01/2004 - 06/30/2007
Contract with AHRQ to support Primary Care Practice-based Research Networks throughout the US.
Role: Research Associate

RWJF CSP Core #40030 07/01/2001 – 06/30/2003

Robert Wood Johnson Clinical Scholars Program Core Funding Grant

Provided primary funding support for 4 research studies: 1) The effect of point-of-care personal digital assistant use on resident documentation discrepancies; 2) Support for National Health Insurance among American Physicians: A National Survey; 3) Pediatricians’ use of and attitudes about personal digital assistants, and 4) Does Presentation Format at the Pediatric Academic Societies’ Annual Meeting Predict Subsequent Publication.

Role: Co-investigator; Senior Fellow

Pfizer Organic Chemistry Grant 05/15/1997- 08/15/1998

Amherst College, Amherst, MA

The major goal of this project was the synthesis of a torsionally strained peptide analog against which antibody peptidases could be raised.

Role: Student Fellowship

**PUBLICATIONS**

**Book Chapters (non-refereed)**

1. Carroll AE and Mokadam N. Glossary of Pediatric Surgery. In: M William Schwartz, ed. Clinical Handbook of Pediatrics, Williams & Wilkins, Chapter 87, 1999.

2. Carroll AE and Mokadam N. Glossary of Pediatric Surgery. In: M William Schwartz, ed. The Five Minute Pediatric Consult, Williams & Wilkins, Section IV, 2000.

3. Carroll AE. Common Pediatric Disorders. In: Tierney LM, Saint A, Whooley MA, editors. Essentials of Diagnosis and Treatment, 2nd ed. New York: Lange Medical Books/McGraw-Hill. 2002. p. 431-49.

**Computer Programs**

1. CAMPS History and Physical Exam computer simulation. Schwartz W, Anbari A, Zsolway K, and Carroll AE, 1997
2. Draw - a - Person, Developmental test teaching program. Carroll AE, 1997-8
3. KidNorms, PDA Pediatric Normal Value Database. Carroll AE, 2000.
4. KidDose, PDA Pediatric Formulary/Calculator. Carroll AE, 2000.
5. KidColds, PDA Pediatric Over-the-Counter Medication Calculator, Carroll AE, 2002
6. OsteoED, PDA Clinical Calculator and Prediction Tool for Osteoporosis, Carroll AE, 2003.

**Papers (refereed)**

1. Kamani N, Kattamis A, Campbell D, Carroll A, Bunin N. “Immune reconstitution following autologous purged bone marrow transplantation in children.” *Journal of Pediatric Hematology/Oncology* 2000 Jan-Feb; 22(1): 13-9.
2. Carroll AE, Saluja S, Tarczy-Hornoch P. “Development of a Personal Digital Assistant (PDA) Based Client/Server NICU Patient Data and Charting System.” *Proc AMIA Symp* 2001; 100-104.
3. Carroll AE, Garrison M, Christakis DA. “A Systematic Review of Non-pharmacological and Non-surgical Therapies for Gastroesophageal Reflux in Infants.” *Archives of Pediatric and Adolescent Medicine* 2002; 156: 109-113.
4. Carroll AE, Schwartz MW. “Comparison of a Computer Program and Lecture to Teach the Draw-a-Person Developmental Exam.” *Archives of Pediatric and Adolescent Medicine* 2002; 156: 137-140.
5. Carroll AE, Saluja S, Tarczy-Hornoch P. “The Implementation of a Personal Digital Assistant (PDA) Based Client/Server NICU Patient Data and Charting System: Lessons Learned.” *Proc AMIA Symp* 2002; 111-5.
6. Carroll AE, Tarczy-Hornoch P, O’Reilly E, Christakis DA. “Resident Documentation Discrepancies in a Neonatal Intensive Care Unit.” *Pediatrics* 2003; 111: 976-80.
7. Carroll AE, Christakis DA. “Pediatricians and Personal Digital Assistants: What type are they using?” *Proc AMIA Symp* 2003; 130-4.
8. Ackermann RT, Carroll AE. “Support for National Health Insurance among American Physicians: A National Survey.” *Ann Intern Med* 2003;139(10):795-801.
9. Carroll AE, Sox CM, Tarini BA, Ringold S, Christakis DA. “Does Presentation Format at the Pediatric Academic Societies’ Annual Meeting Predict Subsequent Publication?” *Pediatrics* 2003; 112(6 Pt 1):1238-41.
10. Carroll AE, Christakis DA. “Pediatricians’ use of and attitudes about personal digital assistants.” *Pediatrics* 2004; 113(2):238-42.
11. Carroll AE, Tarczy-Hornoch P, O’Reilly E, Christakis DA. “The Effect of Point-of-care Personal Digital Assistant Use on Resident Documentation Discrepancies.” *Pediatrics*; 2004;113(3 Pt 1): 450-4.
12. Carroll AE, Zimmerman FJ, Rivara FP, Ebel B, Christakis DA. “Perceptions about computers and the Internet in a pediatric clinic population.” *Ambulatory Pediatrics*, 2005; 5(2):122-126.
13. Downs SM, Carroll AE, Anand V, Biondich PG. “Human and System Errors, Using Adaptive Turnaround Documents to Capture Data in a Busy Practice.” *Proc AMIA Symp* 2005, 211-5.
14. Biondich PG, Downs SM, Anand V, Carroll AE. “Automating the Recognition and Prioritization of Needed Preventive Services: early Results from the CHICA System.” *Proc AMIA Symp* 2005, 51-5.
15. Carroll AE, Rivara FP, Ebel B, Zimmerman FJ, Christakis DA. “Household computer and Internet access: The digital divide in a pediatric clinic population.” *Proc AMIA Symp* 2005; 111-115.
16. Biondich PG, Downs SM, Carroll AE, Laskey AL, Liu GC, Rosenman M, Wang J, Swigonski NL. “Failures in iron deficiency screening.” *Pediatrics*, 2006;117(2):290-4.
17. Carroll AE, Marrero DG. “The Role of “Significant Others” in Adolescent Diabetes: A Qualitative Study.” *Diabetes Educ*, 2006;32(2):243-52.
18. Tarini BA, Carroll AE, Sox CM, Christakis, DA. “Systematic Review of the Relationship Between Timing of Introduction of Solid Foods to Infants and the Development of Allergic Disease.” *Archives of Pediatrics and Adolescent Medicine*, 2006;160(5):502-7.
19. Carroll AE, Downs SD. “A comprehensive cost-utility analysis of newborn screening strategies.” *Pediatrics*, 2006;117;287-295.
20. Biondich PG, Downs SM, Carroll AE, Shiffman RN, McDonald CJ. “Collaboration between the Medical Informatics Community and Guideline Authors: Fostering HIT Standard Development that Matters.” *Proc AMIA Symp* 2006; 36-40.
21. Downs SM, Biondich PG, Anand V, Zore M, Carroll AE. “Using Arden syntax and adaptive turnaround documents to evaluate clinical guidelines.” *Proc AMIA Symp* 2006; 214-8.
22. Vreeman RC, Madsen KA, Vreeman DJ, Carroll AE, Downs SD. “Compliance with Guidelines for ADHD: A Pilot Study of an Evaluation Tool.” *J Peds*, 2006; 149: 568-571.
23. Carroll AE, Marrero DG. “How do Parents Perceive Their Adolescent’s Diabetes: A Qualitative Study.” *Diabetic Medicine*, 2006; 23: 1222-4.
24. Vreeman RC, Carroll AE. “A systematic review of school-based interventions to prevent bullying.” *Archives of Pediatrics and Adolescent Medicine*, 2007; 161: 78-88.
25. Carroll AE, Downs SM, Marrero DG. “What Adolescent Diabetics and Their Parents Want from Testing Technology: A Qualitative Study.” *Computers, Informatics, Nursing*, 2007; 25: 23-29.
26. Carroll AE, Marrero DG, Downs SM. “The HealthPia GlucoPack™ Diabetes Phone: A Usability Study.” *Diabetes Technol Ther*, 2007; 9(2):158-64.
27. Carroll AE, Marrero DG, Swenson MM. “Why do Adolescent Type I Diabetics and Their Parents Participate in Focus Groups?” *Research Theory and Nursing Practice*, 2007 21(2): 135-42.
28. Carroll AE, Buddenbaum J. “Malpractice Claims involving Pediatricians: Epidemiology and Etiology.” *Pediatrics*, 2007; 120(4): 10-7.
29. Tori AJ, Carroll AE, Gupta SK. “Disaccharidase activities in infants: Values and comparison based on symptoms and histologic changes.” *Journal of Pediatric Gastroenterology & Nutrition*, *J Pediatr Gastroenterol Nutr*, 2007; 45(2):194-8.
30. Carroll AE, Ackermann RT, Brizendine EJ, Shen C, Marrero DG. “Does age of diabetes diagnosis influence long-term physical and behavioral outcomes?” *Diabetes* Care, 2007 Nov; 30(11):2859-60.
31. Carroll AE, Vreeman RC, Buddenbaum J, Inui TS. “To what extent do educational interventions impact medical trainees’ attitudes and behaviors regarding industry-trainee and industry-physician relationships?” *Pediatrics*. 2007; 120(6): (e)1528-1535.
32. Vreeman RC, Carroll AE. “Medical Myths Even Doctors Believe.” *BMJ*, 2007 Dec 22; 335(7633): 1288-9.
33. American Academy of Pediatrics Newborn Screening Authoring Committee. “Newborn screening expands: recommendations for pediatricians and medical homes--implications for the system.” *Pediatrics*, 2008 121(1):192-217.
34. Wiehe SE, Hoch SC, Liu GC, Carroll AE, Wilson JS, Fortenberry JD. “Adolescent travel patterns: pilot data indicating distance from home varies by time of day and day of week.” *Journal of Adolescent Health*. 2008 Apr;42(4):418-20.
35. Carroll, AE, Ackermann RT. “Support for National Health Insurance among American Physicians: Five Years Later.” *Annals of Internal Medicine*, 2008 Apr 1;148(7):566-7.
36. Wiehe SE, Carroll AE, Liu GC, Haberkorn KL, Hoch SC, Wilson JS, Fortenberry JD. “Using GPS-enabled cell phones to track the travel patterns of adolescents.” *International Journal of Health Geography*. 2008 May 21;7(1):22.
37. Vreeman RC, Finnell SM, Cernkovich ER, Carroll AE. “The effects of antiemetics for children with vomiting due to acute, moderate gastroenteritis.” *Archives of Pediatric and Adolescent Medicine*. 2008 Sep;162(9):866-9.
38. Downs S, Zhu V, Anand V, Biondich P, Carroll AE. “The CHICA Smoking Cessation System.” *Proc AMIA Symp*. 2008 Nov 6:166-70.
39. Vreeman RC, Carroll AE. “Festive Medical Myths.” *BMJ*. 2008 Dec 17;337:a2769.
40. Carroll AE, Downs SM. “Improving Decision Analyses: Parent Preferences (Utility Values) for Pediatric Health Outcomes.” *J Peds*, 2009 Jul; 155(1): 21-5, e1-5.
41. Wools-Kaloustian KK, Sidle JE, Selke HM, Vedanthan R, Kemboi EK, Boit LJ, Jebet VT, Carroll AE, Tierney WM, Kimaiyo S. “A model for extending antiretroviral care beyond the rural health centre.” *J Int AIDS Soc*. 2009 Sep 29;12(1):22.
42. Downs SM, Anand V, Dugan TM, Carroll AE. “You can lead a horse to water: physicians' responses to clinical reminders.” *AMIA Annu Symp Proc*. 2010 Nov 13;2010:167-71.
43. Carroll AE, DiMeglio LA, Stein S, Marrero DG. “Using a Cell Phone Based Glucose Monitoring System for Adolescent Diabetes Management.” *Diabetes Educ*, 2011 Jan-Feb; 37(1): 59-66.
44. Carroll AE, DiMeglio LA, Stein S, Marrero DG. “Contracting and monitoring relationships for adolescents with type I diabetes.” *Diabetes Technol Ther,* 2011 May; 13(5):543-9.
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48. Hannon TS, DiMeglio LA, Pfefferkorn MD, Carroll AE, and Denne SC. Effects of Recombinant Human Growth Hormone on Protein Turnover in the Fasting and Fed State in Adolescents with Crohn Disease. *Journal of Pediatric Endocrinology and Metabolism*, 2011; 24(9-10): 633-40.
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50. Carroll AE, Parikh PD, Buddenbaum JL. “The Impact of Defense Expenses in Medical Malpractice Claims.” *Journal of Law, Medicine & Ethics,* 2012; 40(1): 135-42.
51. Baurer NS, McHenry MS, Carroll AE, Downs SM. “A pilot study to determine if pediatricians will use a multimedia program.” *J Behav Health*, 2012; 1(1): 28-34.
52. Baurer NS, Hus AM, Sullivan PD, Szczepaniak D, Carroll AE, Downs SM. “A pilot study using children's books to understand caregiver perceptions of parenting practices.” *J Dev Behav Peds,* 2012. 1(1): 28-34.
53. Anand V, Carroll AE, Downs SM. “Automated Primary Care Screening in Pediatric Waiting Rooms.” *Pediatrics,* 2012. 129(5): e1275-81*.*
54. Segall A, Carroll AE. “Health Care and Constitutional Chaos: Why the Supreme Court Should Uphold the Affordable Care Act.” 64 *Stan L Rev Online* 139.
55. Finnell SM, Carroll AE, Downs SM. “The Utility Assessment Method Order Influences Measurement of Parents’ Risk Attitude.” *Value in Health*, 2012. 15(6): 926-32.
56. Carroll AE, Biondich PG, Anand V, Dugan DM, Downs SM. “A Randomized Controlled Trial of Screening for Maternal Depression with a Clinical Decision Support System.” *JAMIA*, 2012*.* 20(2): 311-6.
57. Carroll AE, Anand V, Dugan DM, Sheley ME, Xu SZ, Downs SM. “Increased Physician Diagnosis of Asthma with the CHICA Decision Support System.” *Pediatr Allergy Immunol Pulmonol*, 2012. 25(3): 168-71.
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**Papers (non-refereed)**

1. “Towards an Antibody Peptidase: The Synthesis of a Torsionally Strained Peptide Analog.” (Chemistry Honors Thesis, 1994) Advisor: David Hansen, PhD.
2. Carroll AE, Frakt AB. “The Health Policy Election.” *JAMA*, 2012*.* 308(16): 1633-4.
3. Carroll AE. “Combating Myths is Harder Than You Think.” *Med Care*, 2013. 51(2): 125-6.
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8. Carroll AE**. “**The Concern for supply-sensitive care in the NICU: If you build them, they will come.” *JAMA Pediatr,* 2015. 169(9): 812-3.
9. Carroll AE. “Finding What Works to Reduce Violence Against Women.” *JAMA,* 2015. 313(11): 1105-6.
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27. Choo EK, Carroll AE. “Public health, pandemic response, and the 2020 US election.” *Lancet Public Health*. 2020 Oct;5(10):e515-e516.
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31. Carroll AE, Christakis DA. “Call for Papers on Artificial Intelligence Applied to Pediatric Care.” *JAMA Pediatr*. 2023 Jul 17.

**Abstracts (refereed, ‡oral presentations)**

1. ‡Carroll AE, Schwartz MW. “Comparison of a Computer Program and Lecture to Teach the Draw-a-Person Developmental Exam.” Presented at the PAS National Meeting, San Francisco, CA. May, 1999.
2. Carroll AE, Garrison M, Christakis DA. “A Systematic Review of Non-pharmacological and Non-surgical Therapies for Gastroesophageal Reflux in Infants.” Presented at the PAS National Meeting, Baltimore, MD. May, 2001.
3. Carroll AE, Tarczy-Hornoch P, O’Reilly E, Christakis DA. “Resident Documentation Discrepancies in a Neonatal Intensive Care Unit.” Presented at the PAS National Meeting, Baltimore, MD, May, 2002.
4. Ackermann RA, Carroll AE. “What physicians think about national health insurance: a national survey.” Theme Plenary Session; SGIM National Meeting; Vancouver, BC, Canada. May 2, 2003.
5. ‡Carroll AE, Christakis DA. “Pediatricians’ use of and attitudes about personal digital assistants.” Presented at the PAS National Meeting, Seattle, WA, May, 2003.
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7. Carroll, AE, Ackerman, RT. “Pediatricians' views on national health insurance.” Presented at the PAS National Meeting, Seattle, WA, May, 2003.
8. \*Tarini BA, Carroll AE, Sox CM, Chsirtakis, DA. “Systematic review of the timing of introduction of solids to infants and the development of allergic disease.” Presented at the PAS National Meeting, San Francisco, CA, May, 2004.
9. \*Liu GC, Carroll AE, Wang JH, et al. “The association between body mass index and asthma severity.” Presented at the PAS National Meeting, San Francisco, CA, May, 2004.
10. \*Carroll AE, Liu GC, Wang JH, et al. “Pediatric obesity trends in an inner city clinic population: 1993-2002.” Presented at the PAS National Meeting, San Francisco, CA, May, 2004.
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12. \*‡Carroll AE, Rivara FP, Ebel B, Zimmerman FJ, Christakis DA. “Household computer and internet access: The digital divide in a pediatric clinic population.” Presented at the PAS National Meeting, San Francisco, CA, May, 2004.
13. \*Downs SM, Rosenman MB, Liu GC, Biondich PG, Carroll AE, Laskey AL, Swigonski NL. “Predictors of Asthma Among Infants Who Wheeze in a Large Retrospective Cohort.” Presented at the PAS National Meeting, Washington, DC, May, 2005.
14. \*Laskey AL, Biondich PG, Liu GC, Carroll AE, Downs SM, Rosenman MB, Wiehe SE, Swigonski NL. “Policy vs. Practice: Noncompliance and Racial Inequities in Skeletal Surveys for Children with Suspected Physical Abuse.” Presented at the PAS National Meeting, Washington, DC, May, 2005.
15. \*Biondich PG, Downs SM, Carroll AE, Laskey AL, Liu GC, Rosenman M, Wang J, Swigonski NL. “Failures in iron deficiency screening.” Presented at the PAS National Meeting, Washington, DC, May, 2005.
16. \*Carroll AE, Swigonski, NL, Rosenman M, et al. “Apgar scores and neurobehavioral disorders.” Presented at the PAS National Meeting, Washington, DC, May, 2005.
17. \*Carroll AE, Downs SD. “A comprehensive cost-utility analysis of newborn screening strategies.” Presented at the PAS National Meeting, Washington, DC, May, 2005.
18. \*Carroll AE, Ackermann RT, Brizendine EJ, Shen C, Marrero DG, “The relationship between age of diabetes diagnosis and long-term physical and behavioral outcomes – the TRIAD Study.” Presented at the PAS National Meeting, San Francisco, CA, May, 2006.
19. \*Carroll AE, Vreeman RC, Inui TX, “Medical Trainees and the Pharmaceutical Industry: A Systematic Review.” Presented at the PAS National Meeting, San Francisco, CA, May, 2006.
20. \*Vreeman RC, Carroll AE. “Medical Myths Even Doctors Believe.” Presented at the PAS National Meeting, Toronto, CA, May, 2007.
21. \*Carroll AE, Buddenbaum J. “Malpractice Claims involving Pediatricians: Epidemiology and Etiology.” Presented at the PAS National Meeting, Toronto, CA, May, 2007.
22. ±Carroll AE, Ackermann, RT. “Support for National Health Insurance Among U.S. Physicians: 5 Years Later.” Presented at the PAS National Meeting, Honolulu, HA, May 2008.
23. \*Buddenbaum J, Carroll AE. “Misadventures, Procedures and Conditions That Lead to Pediatric Malpractice Claims.” Presented at the PAS National Meeting, Honolulu, HA, May 2008.
24. \*Carroll AE, Buddenbaum J. “The Impact of Defense Expenses in Medical Malpractice Claims.” Presented at the PAS National Meeting, Vancouver, CA, May, 2010.
25. \*Carroll AE, Buddenbaum J. “Malpractice: Should Primary Care Be Ignored?” Presented at the PAS National Meeting, Denver, CO, May, 2011.
26. \*Carroll AE, Biondich PG, Anand V, Dugan DM, Sheley ME, Xu SZ, Downs SM. “Targeted screening for pediatric conditions with the CHICA system.” Presented at the PAS National Meeting, Denver, CO, May, 2011.
27. \*Carroll AE, Anand V, Downs SM. “Understanding Why Clinicians Answer or Ignore Clinical Decision Support Prompts.” Presented at the PAS National Meeting, Boston, MA, April, 2012.

**Letters to the Editor (refereed)**

1. Carroll AE, Saluja S, Tarczy-Hornoch P. “Consumer Health Information on the Internet.” *JAMIA* 2002; 9(4): 402-3.
2. Carroll AE, Silverstein S. “C-Reactive Protein?” *Pediatrics* 2002; 110(2): 422-3.

**Articles in Major Media**

1. [My View: The only health-care solution: single-payer system](http://www.indystar.com/article/20060910/OPINION01/609100372/The-only-health-care-solution-single-payer-system). *Indianapolis Star*, Op-Ed, September 10, 2006.

1. [My View: Medicare-for-all would keep everyone covered](http://www.indystar.com/article/20070909/OPINION01/709090358). *Indianapolis Star*, Op-Ed, September 9, 2007.
2. [Health care challenge about politics, not policy](http://www.cnn.com/2010/OPINION/12/14/carroll.health.law.ruling/index.html?iref=allsearch). CNN.com, December 15, 2010.
3. [Why health reform won't be repealed](http://www.cnn.com/2011/OPINION/01/19/carroll.health.reform.repeal/index.html?iref=allsearch). CNN.com, January 19, 2011
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5. [Ryan's plan a step -- but in wrong direction](http://www.cnn.com/2011/OPINION/04/08/carroll.ryan.plan/index.html?iref=allsearch). CNN.com, April 8, 2011
6. [Romney's contortions on health care](http://www.cnn.com/2011/OPINION/05/16/carroll.romney.health.care/index.html?iref=allsearch). CNN.com, May 18, 2011
7. [Life expectancy deceptive issue in Medicare debate](http://www.cnn.com/2011/OPINION/06/20/carroll.life.expectancy.medicare/index.html?iref=allsearch). CNN.com, June 20, 2011
8. [Medical myths don’t die easily](http://www.cnn.com/2011/OPINION/07/12/vreeman.carroll.medical.myths/index.html?iref=allsearch). CNN.com, July 12, 2011
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**Health Policy Blogging**

1. Co-Editor-in-Chief at [The Incidental Economist](http://theincidentaleconomist.com/), an evidence-based health policy blog that has between 100,000 and 150,000 page views each month, 2010 – present.
2. Guest blogger at *The Washington Post*, May 30 – June 3, 2011.

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