

Brandon P. Brown, MD, MA, FAAP

Curriculum Vitae

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Indianapolis, IN 46202

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EDUCATION

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| 2008 | M.D. Indiana University School of Medicine, Indianapolis, IN |
| 2008 | M.A. Indiana University, Indianapolis, IN (Philosophy) |
| 2003 | B.A. University of Dallas, Irving, TX (Political Philosophy) |

LICENSURE / CERTIFICATION

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| 2009 | National Board of Medical Examiners |
| 2009 | Permanent Physician's License, Indiana State Medical Board |

SPECIALTY BOARD CERTIFICATION

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| 2017 | Certificate of Added Qualification in Pediatric Radiology, American Board of Radiology |
| 2013 | Diagnostic Radiology Certificate, American Board of Radiology |

ACADEMIC/ADMINISTRATIVE POSITIONS

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| 2020 | Associate Professor, Department of Radiology and Imaging Sciences, Indiana University School of Medicine, Indianapolis, IN |
| 2018 | Vice-Chair for Professional Development and Wellness, Department of Radiology and Imaging Sciences, Indiana University School of Medicine, Indianapolis, IN |
| 2018-2019 | Bioethics Subject Advisory Panel, Indiana Clinical and Translational Sciences Institute |
| 2014 | Assistant Professor, Department of Radiology and Imaging Sciences, Indiana University School of Medicine, Indianapolis, IN |

ADJUNCT FACULTY APPOINTMENTS

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| 2017 | Department of Obstetrics and Gynecology, Indiana University School of Medicine, Indianapolis, IN |
| 2016 | Department of Pediatrics, Indiana University School of Medicine, Indianapolis, IN |
| 2014 | Department of Philosophy, Indiana University, Indianapolis, IN |

2014 Program in Medical Humanities and Health Studies, Indiana University, Indianapolis, IN

PROFESSIONAL POSITIONS

2020 – present Director, Culture Champions Program, Indiana University Health Physicians, Indianapolis, IN

2020 – present Director of Physician Vitality and Values, Riley Hospital for Children at IU Health, Indianapolis, IN

2016 – present Director of Fetal and Perinatal Imaging, Riley Hospital for Children at IU Health, Indianapolis, IN

2014 – present Pediatric Radiologist, Indiana University Health Physicians, Riley Hospital for Children at IU Health, Indianapolis, IN

2013 – 2014 Fellow, Division of Pediatric Radiology, Riley Hospital for Children at IU Health, Indianapolis, IN

2009 – 2014 Adjunct Professor, Department of Philosophy and Religion, Butler University, Indianapolis, IN

2009 – 2013 House Officer, Department of Radiology, Indiana University School of Medicine, Indianapolis, IN

2008 Visiting Scholar, Ateneo Pontificio Regina Apostolorum, Rome, Italy

2008 – 2009 Intern, Transitional Medicine Program, St. Vincent Hospital, Indianapolis, IN

2006 – 2007 Extern, St. Vincent Hospital Emergency Department, Indianapolis, IN

2005 – 2006 Graduate Research Fellowship, Indiana University Center for Bioethics

C. AWARDS AND RECOGNITIONS

2019 Exemplar of Professionalism, Indiana University School of Medicine

2018 Physician of the Year, Indiana Catholic Medical Association

2018 Yune Teacher of the Year Award, Department of Radiology and Imaging Sciences, IUSM

2018 Outstanding Scientific Poster Award, World Federation of Pediatric Imaging

2018 Trustees' Teaching Award, Indiana University School of Medicine

2018 Berlin Scholar in Medical Professionalism, American Roentgen Ray Society

2018 Outstanding Oral Presentation (with Miller E), Campbell-Klatte Research Symposium

2017 Faculty of the American Academy of Pediatrics

2015-2019 IUSM Radiology Faculty "Top Resident Lecturer"

2014-2019 IUSM Radiology Faculty "Top Teachers"

2014 Radiologic Technology Excellence in Teaching Award

2013 Glenn D. Moak Radiology Outstanding Teacher Award

2013 Radiologic Technology Excellence in Teaching Award

2012 Glenn D. Moak Radiology Outstanding Teacher Award

2012 Alpha Omega Alpha Honor Medical Society Induction

2007-2012 Dr. Cloyd and Mary Lou Dye Academic Scholarship

2007 Gold Humanism Honor Medical Society Induction

2006	Indiana University Medical Humanities Student Essay Award
2005-2006	Indiana University Center for Bioethics Graduate Fellowship
2003-2005	Indiana University School of Medicine Walter M. Stout Scholarship
1999-2003	University of Dallas Full Tuition Scholarship
1999	University of Dallas Chemical Sciences Institute Scholarship
1999	Congressman David McIntosh Award for Academic Excellence

D. LEADERSHIP AND CAREER DEVELOPMENT PROGRAMS

2018	Indiana Healthcare Leadership Academy
2016-2017	Leadership in Academic Medicine Program
2015	Clinical Educator Development Program, American Roentgen Ray Society (ARRS)
2014	Faculty Development Course, Association of University Radiologists (AUR)

E. FORMAL TEACHING AND MENTORSHIP ACTIVITIES

2014-2019	36 medical students and trainee physicians mentored in clinical and education research
2014-2019	13 undergraduate students mentored in research and through medical school admission
2014-2019	12 undergraduate/graduate ethics/philosophy courses taught, Indiana University, Indianapolis, IN
2009-2014	10 undergraduate medical ethics courses taught, Butler University, Indianapolis, IN

F. ACADEMIC SERVICE ACTIVITIES

Department Service (Radiology and Imaging Sciences)

2018-present	Campbell-Klatte Research Day Committee
2017-present	Director, Visiting Professors Program
2016-2018	Chair, Mentorship and Professionalism Committee

Hospital and School of Medicine Service

2020-present	Faculty Development Coordinating Committee, Indiana University School of Medicine
2018-present	Affiliate Faculty Member, Indiana University Center for Bioethics
2018-present	Admissions Committee, Graduate School (MA-Philosophy), Indiana University - Indianapolis
2017-present	Chair, Teacher-Learner Advocacy Committee, Indiana University School of Medicine
2016-present	Founding executive member, The Fetal Center at Riley Children's Health
2015-2021	Faculty, Physician Assistant Studies Program, Indiana University School of Health & Rehabilitation Sciences
2018-2019	"Ethics and Wellness Thread" curriculum committee, Indiana University School of Medicine
2017-2020	Co-Medical Director of Physician Wellness, Riley Hospital for Children, Indianapolis, IN

2017-2020 Chair, Research Committee, Riley Maternity and Newborn Health, Indianapolis, IN

2016-2020 Program Director for Maternal and Fetal Imaging Research, Indiana Institute for Biomedical Imaging Sciences

2015-2019 Elected representative, Faculty Steering Committee, IU School of Medicine

2008-2019 Faculty lecturer, Radiology Clerkship for 4th year medical students, IU School of Medicine

2014-2017 Core Faculty Member, IUPUI Research Center for Quantitative Renal Imaging

2014-2017 Section Director for Medical Ethics, *Introduction to Clinical Medicine*, Indiana University School of Medicine, Indianapolis, IN

2016-2017 Appointed member, Research Committee, Riley Maternal and Newborn Health

2009-2017 Lecturer, Indiana University School of Medicine
Introduction to Clinical Medicine, course for 2nd year medical students
Gross Anatomy and *Neuroanatomy*, courses for 1st year medical students

2003-2017 Appointed member, Teacher-Learner Advocacy Committee, Indiana University School of Medicine

2011-2013 Faculty, “Radiology for Advance Practice Nurses” conference, Riley Hospital for Children, Indianapolis, IN

2011-2013 Lecturer, Radiologic Technologist Pathology Course and Continuing Education Seminars, Indianapolis, IN

2008-2009 Ethics and Palliative Care Committee, St. Vincent Hospital, Indianapolis, IN

2007-2008 Executive Committee, Radiology Student Interest Group, Indiana University School of Medicine

2005-2008 Moral Reasoning & Ethical Judgment Curriculum Committee, Indiana University School of Medicine

2005-2006 Student Member, Hospital Ethics Committee, Clarian Health Partners, Indianapolis, IN

2005-2006 Indiana University Program Advisory Committee, M.A. in Philosophy/Bioethics

2004-2005 Chair, Ethics at Lunch lecture series, Indiana University School of Medicine

National Society Service

2020-present Vice-Chair, Fetal Imaging Committee, Society for Pediatric Radiology

2018-present Chair, Professionalism Committee, Radiologic Society of North America

2018-present Executive Committee, Section on Radiology, American Academy of Pediatrics

2018-present Placental Imaging Committee, International Society for Magnetic Resonance in Medicine

2017-present Section on Radiology, American Academy of Pediatrics

2017-present	Section on Bioethics, American Academy of Pediatrics
2016-present	Refresher Course Committee, Radiologic Society of North America
2015-present	Faculty, Professional Development Course, Association of University Radiologists
2019-2021	Scientific Program Committee, International Pediatric Radiology Congress 2021
2019-2020	Program Planning Committee, Society for Pediatric Radiology Annual Meeting 2020
2019-2020	Course Director, Thomas L. Slovis Fellowship in Radiologic Professionalism, Society for Pediatric Radiology
2018-2020	Scientific Program Committee (Pediatrics), Radiologic Society of North America
2016-2020	Chair, Professionalism Committee, Society for Pediatric Radiology
2017-2018	Vice-Chair, Professionalism Committee, Radiologic Society of North America
2014-2017	Appointed Member, Professionalism Committee, Radiologic Society of North America
2012	Organizer, Case of the Day Series, American Roentgen Ray Society Annual Meeting

Academic Journal Service

2018-present	Manuscript reviewer, <i>Prenatal Diagnosis</i>
2018	Manuscript reviewer, <i>PLoS One</i>
2016-present	Manuscript reviewer, <i>Pediatric Radiology</i>
2014-present	Manuscript reviewer, <i>Academic Radiology</i>

G. ACADEMIC PRESENTATIONS/ABSTRACTS

“Diffusion-Weighted and Intravoxel Incoherent Motion MRI of the Pregnant Cervix as a Tool to Monitor Cervical Ripening,” (with Warner A, Hutchins G, *et. al.*) American Roentgen Ray Society Annual Meeting, Chicago, IL, April 3rd – 8th, 2020.

“Caution in Diagnosing Fetal Brain ‘Abnormalities’,” (with VanSyckel AE) American Roentgen Ray Society Annual Meeting, Chicago, IL, April 3rd – 8th, 2020.

“How Reliable is Ultrasound in Diagnosing Isolated Absence of the Cavum Septum Pellucidum?” (with VanSyckel AE and He R) American Roentgen Ray Society Annual Meeting, Chicago, IL, April 3rd – 8th, 2020.

“It’s Complicated: Predicting Gastroschisis Outcomes Using Prenatal Imaging.” (with Fisher SG, Anderson CM, Steinhardt NP, Howser LA, Gray BW) 15th Annual Academic Surgical Congress, Orlando, FL, February 4th-6th, 2020.

“Diffusion-Weighted and Intravoxel Incoherent Motion MRI of the Pregnant Cervix as a Tool to Monitor Cervical Ripening,” (with Warner A, Hutchins G, *et. al.*) Proceedings of IMPRS, Volume 2, Number 1, 2019.

Gastroschisis: Predicting outcomes through prenatal imaging and the current state of care in a single institution.” (with Fisher SG, Anderson CM, *et. al.*) Proceedings of IMPRS, Volume 2, Number 1, 2019.

“Perinatal Surgical Outcomes for Fetal Foregut Malformations” (with Roberts K and Gray BW) IU Research Symposium, Indianapolis, IN, May 13th, 2019.

“Classification of Cystic Renal Disease on Fetal MRI,” (with Steinhardt NP) American Roentgen Ray Society Annual Meeting, Honolulu, HI, May 5th – 10th, 2019.

“The Rotating Heart: What the Radiologist Needs to Know about the Perinatal Diagnosis of Situs Anomalies,” (with Mohsin M, Ashraf A, *et. al.*) American Roentgen Ray Society Annual Meeting, Honolulu, HI, May 5th – 10th, 2019.

“Spectrum of Midface Anomalies on Fetal MRI” (with VanSyckel AE) 61st Annual Meeting of the Society for Pediatric Radiology, San Francisco, CA, April 30th – May 4th, 2019.

“The Frontal Temporal and Frontal Occipital Horn Ratios in Pediatric Hydrocephalus: Comparison and Validation of Head Ultrasound with Volumetric Analysis via MRI,” (with Radhakrishnan R, *et. al.*) 61st Annual Meeting of the Society for Pediatric Radiology, San Francisco, CA, April 30th – May 4th, 2019.

“The Varied Manifestations of Cystic Renal Disease on Fetal MRI: What the Radiologist Needs to Know,” (with Steinhardt NP) 61st Annual Meeting of the Society for Pediatric Radiology, San Francisco, CA, April 30th – May 4th, 2019.

“Assessment of Factors Associated with Burnout and Wellness in Pediatric Radiologists,” (with Ayyala R, Sze R, *et. al.*) 61st Annual Meeting of the Society for Pediatric Radiology, San Francisco, CA, April 30th – May 4th, 2019.

“Evaluation of Prognostic Indicators on Fetal MRI for Neonates with Omphalocele,” (with Wise R, Groh E, Gray BG, *et. al.*) 61st Annual Meeting of the Society for Pediatric Radiology, San Francisco, CA, April 30th – May 4th, 2019.

“The Varied Manifestations of Cystic Renal Disease on Fetal MRI,” (with Steinhardt NP, Meyers ML) 61st Annual Meeting of the Society for Pediatric Radiology, San Francisco, CA, April 30th – May 4th, 2019.

"When Mistakes are the Teacher: Resident Leadership at Morbidity and Mortality Conference as Education in Professionalism and Quality Assurance" (with Reher T, Kleppe A, Sostarich C, *et al.*) 66th Annual Meeting of the Association of University Radiologists, Baltimore, MD, April 9-12, 2019.

"Achieving a Collaborative Focus within POCUS Education" (with Groswald M) 66th Annual Meeting of the Association of University Radiologists, Baltimore, MD, April 9-12, 2019.

“Fast Temperature Mapping of the Fetal Brain During Routine 3T Fetal MR Imaging,” (with Parker JG, Ho C, *et al.*) 104th Scientific Assembly and Annual Meeting, Radiologic Society of North America, Chicago, IL, November 25th – November 30th, 2018.

“MRI of the 1st Trimester Pregnancy Fetus and Placenta,” (with McLuckey M, Leon RL, *et al.*) 104th Scientific Assembly and Annual Meeting, Radiologic Society of North America, Chicago, IL, November 25th – November 30th, 2018.

“MRI of the Surgical Placenta,” (with Meyers ML) 104th Scientific Assembly and Annual Meeting, Radiologic Society of North America, Chicago, IL, November 25th – November 30th, 2018.

“Risk Stratification of Patients with Hypoplastic Left Heart Syndrome and Intact Atrial Septum Using Fetal MRI and Echocardiography,” (with Serrano RM, Hussain S, *et. al.*) American Academy of Pediatrics National Conference & Exhibition, Orlando, FL, November 2nd – 6th, 2018.

"Placental MR Imaging in Pregnancies Complicated by Fetal Cerebral Ventriculomegaly" (with Leon RL) 3rd Annual Fetal Brain Symposium, Washington DC, November 1st – 2nd, 2018.

"A Retrospective Segmentation Analysis of Placental Volume by Magnetic Resonance Imaging from First Trimester to Term Gestation," (with Leon RL) Midwest Society of Pediatric Research, Royal Oak, MI, October 4-5, 2018.

"CMA Book Club: A Model for Community Strengthening and Wellness Promotion," (with Krach P, Ocana G, Clark M, Krach M) Annual Educational Conference of the Catholic Medical Association, Dallas, TX, September 20-22, 2018.

"Hypoplastic Left Heart Syndrome and Intact Atrial Septum: Using Fetal Imaging for Prognostication," (with Serrano RM, Hussain S, *et al.*) Midwest Pediatric Cardiology Society, Rochester, MN, September 6th – 7th, 2018.

"The Many Faces of 'Omphalocele'" (with Cassella KD), 60th Annual Meeting of the Society for Pediatric Radiology, Nashville, TN, May 15th – 19th, 2018.

"Ultrasound in the Diagnosis of Occult Right CDH" (with Karmazyn B, Marine MB), 60th Annual Meeting of the Society for Pediatric Radiology, Nashville, TN, May 15th – 19th, 2018.

"Radiology Resident Preparedness in Counseling Patients for MRI during Pregnancy" (with Miller E) 60th Annual Meeting of the Society for Pediatric Radiology, Nashville, TN, May 15th – 19th, 2018.

"Using Quantitative MRI to Identify Abnormal Perfusion in Invasive Placental Disease" (with Norris CD, Persohn SC, *et al.*) 60th Annual Meeting of the Society for Pediatric Radiology, Nashville, TN, May 15th – 19th, 2018.

"A Multifactorial Severity Score for Congenital Diaphragmatic Hernia (CDH) using Fetal MRI" (with Wise R, Reher T, *et al.*), 60th Annual Meeting of the Society for Pediatric Radiology, Nashville, TN, May 15th – 19th, 2018.

"The Vital Role of a Book Club in Radiology Residency Training" (with Reher T, Osman RG, *et al.*) 65th Annual Meeting of the Association of University Radiologists, Orlando, FL, May 7-10, 2018.

"Normative Ranges of Placental Volume by Magnetic Resonance Imaging throughout Gestation: A 15-year Retrospective Analysis" (with Leon RL, Li KT), Pediatric Academic Societies Meeting, Toronto, Canada, May 6th, 2018.

"Pontocerebellar Hypoplasia" (with Krause DM), American Roentgen Ray Society Annual Meeting, Washington, DC, April 22nd – 27th, 2018.

"Pleural Hemangioma" (with Mitchell JR), American Roentgen Ray Society Annual Meeting, Washington, DC, April 22nd – 27th, 2018.

"The Ringed Placenta: Changes in Placental Perfusion Tied to Increased Mortality in Cases of Ventral Body Wall Defect" (with Tonismae T, Shanks A, Dungy-Poythress L), Annual Convention of the American Institute for Ultrasound in Medicine, New York, NY, March 24th – 28th, 2018.

"A Comprehensive Severity Score for the Morbidly Adherent Placenta: Combining Ultrasound and Magnetic Resonance" Imaging (with Knight J, Lehnert SD, *et al.*), Annual Convention of the American Institute for Ultrasound in Medicine, NY, NY, March 24th – 28th, 2018.

"Quantitative MRI as a Biomarker for Abnormal Perfusion in the Morbidly Adherent Placenta" (with Persohn SC, Norris CD, *et al.*), International Society for Magnetic Resonance in Medicine, Atlanta, GA, February 4th – 6th, 2018.

"Radiographic and Clinical Factors in Pediatric Patients with Surgical Small Bowel Intussusception," (with Vandewalle RJ, Bagwell AK, *et al.*) 13th Annual Academic Surgical Congress, Association for Academic Surgery, Jacksonville, FL, January 30th – February 1st, 2018.

“MR Imaging of Fetal Ventral Body Wall Defects,” (with Coleman P) 103rd Scientific Assembly and Annual Meeting, Radiologic Society of North America, Chicago, IL, November 26th – December 1st, 2017.

“The Ringed Placenta: 9 Cases Linked with High Perinatal Mortality,” (with Ocana JA) 103rd Scientific Assembly and Annual Meeting, Radiologic Society of North America, Chicago, IL, November 26th – December 1st, 2017.

"A Practical Guide to MRI Evaluation of the Placenta," (with Shea L) 59th Annual Meeting of the Society for Pediatric Radiology, Vancouver, BC, Canada, May 16th – 20th, 2017.

“Spectrum of Complications in Meconium Ileus - A Case Series with Prenatal, Neonatal, and Surgical Imaging,” (with Shea L) 65th Annual Meeting of the Association of University Radiologists, Hollywood, FL, May 8th – 11th, 2017.

“Social Media and Radiology Education: Survey Results of an Academic Radiology Practice,” (with Koontz NA, et al.) 65th Annual Meeting of the Association of University Radiologists, Hollywood, FL, May 8th – 11th, 2017.

“Using Google Maps to Create an Easy-to-use Networking and Recruiting Platform for Trainees and Alumni,” (with Smith J, Siddiqui H, Chou H, Heitkamp DE, Shuman L) 65th Annual Meeting of the Association of University Radiologists, Hollywood, FL, May 8th – 11th, 2017.

“Placenta Previa with Abruptio,” (with Smith J) American Roentgen Ray Society Annual Meeting, New Orleans, LA, April 30th – May 5th, 2017.

“Ultrasound of the Pediatric Diaphragm,” (with Marine MB) 102nd Scientific Assembly and Annual Meeting, Radiologic Society of North America, Chicago, IL, November 27th – December 1st, 2016.

“Spontaneous Rupture of a Type I Choledochal Cyst,” (with Lay S) 58th Annual Meeting of the Society for Pediatric Radiology, Bellevue, WA, April 27th – May 1st, 2015.

“Correlation of Chest CT Findings to Pulmonary Function in Children with PCD” (with Deschamp AR, Cooper ML, *et. al.*), Primary Ciliary Dyskinesia “On the Move” Scientific Conference, Minneapolis, MN August 26-28, 2015.

“Lateral condylar fracture” (with Batchelor B, Cooper ML), Case of the Day Program, American Roentgen Ray Society Annual Meeting, Toronto, Canada, April 19-24, 2015.

“Placenta Percreta” (with Gasparis PT), Case of the Day Program, American Roentgen Ray Society Annual Meeting, Toronto, Canada, April 19-24, 2015.

“Pediatric MRCP: Evaluation of the Pancreatic Duct,” 57th Annual Meeting of the Society for Pediatric Radiology, Washington, DC, May 14th, 2014.

“Pancreatic Duct Anomalies seen on Pediatric MRCP,” 57th Annual Meeting of the Society for Pediatric Radiology, Washington, DC, May 14-17, 2014.

“Acute Scrotum in the Pediatric Patient,” 5th Biennial Pediatric Ultrasound Conference, Indianapolis, IN, November 9th, 2013.

“Case of the Day” author/presenter for Cardiothoracic and Pediatric radiology cases, American Roentgen Ray Society Annual Meeting, Vancouver, BC, Canada, April 29 – May 4, 2012.

“The Do-Not-Resuscitate (DNR) Order: Associations with Advance Directives, Physician Specialty, and Documentation of Discussion 15 Years after the Patient Self Determination Act,” Third International Conference of Clinical Ethics and Consultation, Toronto, Canada, June 1 – June 3, 2007.

“Affliction as Treasure: Suffering and Hope in Donne’s *Devotions Upon Emergent Occasions*,” Suffering and Hope Conference, University of St. Thomas, Houston, TX, November 13th, 2005.

INVITED LECTURES

“Why Medicine Needs the Humanities,” Medical University of South Carolina, Charleston, SC, *Forthcoming* 2021.

“Professionalism and Career Development,” Department of Radiology Grand Rounds, Medical University of South Carolina, Charleston, SC, *Forthcoming* 2021.

“Medical Imaging and Caring for the Least Among Us.” 62nd Annual Meeting of the Society for Pediatric Radiology, Miami, FL, May 11th, 2020.

“Excellence in Teaching at the Workstation,” Faculty Development Program, 67th Annual Meeting of the Association of University Radiologists, Philadelphia, PA, April 24th, 2020.

“Stress, Solidarity, and Second Victims,” Prewitt Lecture and Grand Rounds, Children’s Hospital and Clinics of Minnesota, *Forthcoming* 2021.

“Prenatal Diagnosis: What Comes Next,” American Institute of Ultrasound in Medicine, Annual Meeting, Chicago, IL, March 23rd, 2020.

“What Does Physician Vitality Look Like?” Children’s Hospital of Philadelphia Grand Rounds, *Forthcoming* 2021.

“When Wellness Fails,” Discovery Theater Featured Presentation, 105th Scientific Assembly and Annual Meeting, Radiologic Society of North America, Chicago, IL, December 2nd, 2019.

“How to Build a Culture of Wellness,” Professionalism Refresher Course, 105th Scientific Assembly and Annual Meeting, Radiologic Society of North America, Chicago, IL, December 1st, 2019.

“Difficult Fetal Diagnoses on MRI,” Basics of Fetal and Neonatal Imaging Conference, hosted by the Society for Pediatric Radiology, Philadelphia, PA, September 13th, 2019.

“Extra-fetal Basics,” Basics of Fetal and Neonatal Imaging Conference, hosted by the Society for Pediatric Radiology, Philadelphia, PA, September 12th, 2019.

“Basics of Fetal MRI,” American Roentgen Ray Society Annual Meeting, Honolulu, HI, May 5th-10th, 2019.

“Adding Value as a Consultant,” 61st Annual Meeting of the Society for Pediatric Radiology, San Francisco, CA, April 30th – May 4th, 2019.

“Building a Culture of Professionalism,” 61st Annual Meeting of the Society for Pediatric Radiology, San Francisco, CA, April 30th – May 4th, 2019.

“Fetal Bowel Imaging on Prenatal MRI,” 61st Annual Meeting of the Society for Pediatric Radiology, San Francisco, CA, April 30th – May 4th, 2019.

“Educating with Excellence,” Faculty Development Program, 66th Annual Meeting of the Association of University Radiologists, Baltimore, MD, April 12th, 2019.

“Stress, Burnout, and Joy in Physicians and Trainees,” 2nd Annual MEDCON conference, Indianapolis, IN, March 23rd, 2019.

“Ingestions, Inhalations, and Infections: Interesting Cases from the ED,” American Academy of Pediatrics National Conference & Exhibition, Orlando, FL, November 5, 2018.

“Pediatric Imaging: When to Order and What to Look For,” American Academy of Pediatrics National Conference & Exhibition, Orlando, FL, November 2, 2018.

“Finding the Human: Technology and Humanities in Fetal Medicine,” Keynote Address, Dr. Jerome Lejeune Catholic Medical Guild of Northeast Indiana Annual Banquet, October 18th, 2018.

“Fetal MRI at 3 Tesla Field Strength: When, Why, and How,” Visiting Professor at Radiology Grand Rounds, University of Cincinnati Department of Radiology, Cincinnati, OH, September 28th, 2018.

“Fetal Medicine: Caring for the Least Among Us.” Archdiocese of Indianapolis, Indiana, May 23rd, 2018.

“The Fetal Radiologist: How to Add Value,” 60th Annual Meeting of the Society for Pediatric Radiology, Nashville, TN, May 18th, 2018.

“The Pediatric Radiologist in the Era of Family-Centered Care and Precision Medicine,” 60th Annual Meeting of the Society for Pediatric Radiology, Nashville, TN, May 17th, 2018.

“Placental MRI: New Approaches,” 60th Annual Meeting of the Society for Pediatric Radiology, Nashville, TN, May 15th, 2018.

“Excellence in Teaching Radiology,” Faculty Development Program, 65th Annual Meeting of the Association of University Radiologists, Orlando, FL, May 10th, 2018.

“Counseling for the Unborn Patient: Fetal Medicine and Fetal Imaging,” MEDCON 2018, Indianapolis, IN, April 14th, 2018.

“The Practice of Medical Humanities,” Keynote Address, Midwest Medical Humanities Conference, Indianapolis, IN, April 14, 2018.

“A Third Way to Flourish: Culture as Resource and Remedy,” Featured Presentation, Finding Inspiration and Resilience in Medicine (FIRM) Conference, Indianapolis, IN, March 13th, 2018.

“What Big Data and Machine Learning Can and Cannot Teach Us,” Technology in Medicine Group, Indiana University School of Medicine, February 23, 2018.

“The Newly Hired Radiologist: Lessons for Junior, Senior, and Aspiring Radiologists,” Professionalism Refresher Course, 103rd Scientific Assembly and Annual Meeting, Radiologic Society of North America, Chicago, IL, November 28th, 2017.

“Medical Professionalism and Physician Burnout,” Visiting Professor at Radiology Grand Rounds, Boston Children’s Hospital at Harvard Medical School, Boston, MA, November 8th, 2017.

“MRI of the Human Placenta: Tips, Tricks, and New Techniques,” Visiting Professor at Radiology Grand Rounds, Boston Children’s Hospital at Harvard Medical School, Boston, MA, November 8th, 2017.

“MR Imaging of the Fetal Ventral Wall Defect,” Atis K. Freimanis Visiting Professor Program, Michigan State University Department of Radiology, Lansing, MI, August 29th, 2017.

“Practical Guide to MRI Evaluation of the Human Placenta,” Atis K. Freimanis Visiting Professor Program, Michigan State University Department of Radiology, Lansing, MI, August 29th, 2017.

“Introduction to Fetal MRI,” Atis K. Freimanis Visiting Professor Program, Michigan State University Department of Radiology, Lansing, MI, August 29th, 2017.

“Teaching Professionalism in Residency and Fellowship,” Quality and Professionalism Sunrise Session, 59th Annual Meeting of the Society for Pediatric Radiology, Vancouver, BC, Canada, May 17th, 2017.

“Habits in Radiology Education,” Faculty Development Program, 65th Annual Meeting of the Association of University Radiologists, Hollywood, FL, May 11th, 2017.

“The Ethical and Moral Implications of Technology in Medicine,” Technology in Medicine Group, Indiana University School of Medicine, March 23, 2017.

“How to Build a Fetal MRI Program,” Advances in Fetal and Neonatal Imaging Conference hosted by the Society for Pediatric Radiology, Orlando, FL, January 27th, 2017.

“The New Radiologist: Non-interpretative Skills for Success,” Professionalism Refresher Course, 102nd Scientific Assembly and Annual Meeting, Radiologic Society of North America, Chicago, IL, November 27th, 2016.

“Professionalism and the Beginning Radiologist” Service Excellence in Radiology Course, 102nd Scientific Assembly and Annual Meeting, Radiologic Society of North America, Chicago, IL, December 1st, 2016.

“Public Health and Patient Care: Technology, Efficiency, and Uncertainty,” Medical Humanities Seminar Series, Indiana University – Indianapolis, September 14th, 2016.

“Excellence in Radiology Education,” Faculty Development Program, 64th Annual Meeting of the Association of University Radiologists, San Diego, CA, April 1st, 2016.

“Professionalism in Radiology Education” Visiting Professor Grand Rounds, Texas Children’s Hospital, Houston, Texas, February 8th, 2016.

“The Beginning Radiologist: Lessons for Junior and Senior Faculty,” Visiting Professor at Joint Grand Rounds, TCH and Baylor College of Medicine, Houston, Texas, February 9th, 2016.

“The Future of Ultrasound Imaging,” 6th Biennial Pediatric Ultrasound Conference, Indianapolis, IN, November 21st, 2015.

“Testicular Masses: The Good, the Bad, and the Ugly,” 6th Biennial Pediatric Ultrasound Conference, Indianapolis, IN, November 21st, 2015.

“Professionalism for the new radiologist: Collegiality, Collaboration, and Culture” Service Excellence in Radiology Course, 101st Scientific Assembly and Annual Meeting, Radiologic Society of North America, Chicago, IL, November 17th, 2015.

“Professionalism in Radiology Training,” Sunrise Session on Professionalism, 58th Annual Meeting of the Society for Pediatric Radiology, Bellevue, Washington, April 30th, 2015

“Leading by Teaching,” Faculty Development Program, 63rd Annual Meeting of the Association of University Radiologists, New Orleans, LA, April 17, 2015.

“Education in Radiology: 7 Habits for Excellence.” Visiting Professor at Grand Rounds Lecture Series, Weill-Cornell Medical College, New York, New York, December 16th, 2014.

“Excelling at Education,” Faculty Development Program, 62nd Annual Meeting of the Association of University Radiologists, Baltimore, MD, April 4th, 2014.

H. PUBLICATIONS (†-indicates manuscripts first-authored by trainees, with my supervision and mentorship)

Brown BP, Persohn SC, Leon, R, Norris CD, Territo PR. "Quantitative MRI as a biomarker for the Morbidly Adherent Placenta." *Journal of Maternal, Fetal and Neonatal Medicine*, 2020; manuscript under review.

Patel F, Brown BP. "Varied Presentations and Comorbidities in Pediatric Autoimmune Pancreatitis" *JPGN Reports*, accepted for publication.

Fisher S, Anderson C, Steinhardt N, Howser L, Bhamidipalli S, Brown BP, Gray BW. "It's Complex: Predicting Gastroschisis Outcomes Using Prenatal Imaging." *Journal of Surgical Research*, 2020 manuscript in press.

Brown BP, Simoneaux S, Dillman JR, Koberlein GC, Nguyen JC, Safdar NM, Rigsby CK, Iyer RS, Alazraki AL, Anupindi SA, Bardo DME, Chan SS, Chandra T, Dorfman SR, Garber MD, Lam HFS, Siegel A, Widmann RF, Karmazyn BK. ACR Appropriateness Criteria. Antenatal Hydronephrosis. *J Am Coll Radiol*. 2020.

Ayyala R, **Brown BP**, Taylor G. "The Growing Issue of Burnout in Radiology – a Survey-Based Evaluation of Driving Factors and Potential Impacts in Pediatric Radiologists" *Pediatric Radiology*, 2020 July; 50(8):1071-1077.

Chan SS, Kotecha MK, Rigsby CK, Iyer RS, Alazraki AL, Anupindi SA, Bardo DME, **Brown BP**, Chandra T, Dorfman SR, Garber MD, Moore MM, Nguyen JC, Shet NS, Siegel A, Valenti JH, Karmazyn B. ACR Appropriateness Criteria. Pneumonia in the Immunocompetent Child. *Journal of the American College of Radiology*, 2020 May; 17(5S):S215-S225.

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Brown BP, Meyers ML. "Placental MRI Part II: The Surgical Placenta." *Pediatric Radiology*, 2020 Feb; 50(2):275-284.

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I. GRANTS

Active Grants:

1) NIH R01 (Senthil Sadhasivam)

Dates: 7/1/2018 – 6/30/2023

Effects of Opioid Use Disorder in Pregnancy on Long-term Maternal and Child Outcomes

Role: Imaging co-PI

The long-term goals are to provide clinical tools which can be widely implemented to reduce future maternal OUD and improve neonatal outcomes with in-utero opioid exposure. The objective of this project is to determine multifactorial predictors of opioid related maternal and infant outcomes using robust longitudinal prospective design and innovative combinatorial pharmacogenetic and imaging based approach. The imaging component includes quantitative MR imaging of the fetal brain and placenta, with subsequent neonatal quantitative brain MR imaging for the same patient population.

2) American Roentgen Ray Society Berlin Award

Dates: 07/1/2018 – 06/30/2021

Designing and Implementing a Professionalism Curriculum for Residency Training Programs

Role: Principal Investigator

Research, design, and implement an innovative comprehensive curriculum in medical professionalism for trainees, with dissemination nationally after a pilot implementation at our local institution.

J. PROFESSIONAL SOCIETY MEMBERSHIPS

2018-present	American Institute of Ultrasound in Medicine
2018-present	International Society of Ultrasound in Obstetrics and Gynecology
2018-present	International Society of Magnetic Resonance in Medicine
2017-present	American Academy of Pediatrics
2016-present	European Society of Paediatric Radiology
2014-present	American College of Radiology
2014-present	Society for Pediatric Radiology
2012-present	Association of University Radiologists
2012-present	American Roentgen Ray Society
2009-present	Indiana Radiological Society
2008-present	American Board of Radiology
2008-present	Radiologic Society of North America