

## **CURRICULUM VITAE**

### **Vincent Mathews MD**

**Professor**  
**Department of Radiology**  
**Division of Neuroradiology**

#### **OFFICE ADDRESS:**

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#### **EDUCATION:**

1977 - 1978 Undergraduate, DePauw University, Greencastle, IN  
1978 - 1981 B.S., Psychology (summa cum laude), University of Evansville, Evansville, IN  
1982 - 1986 M.D. (with highest distinction), Indiana University School of Medicine, Indianapolis, IN

#### **POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:**

1986 - 1990 Residency, Radiology, Diagnostic Radiology, Indiana University Medical Center Hospitals, Indianapolis, IN  
1989 - 1990 Fellowship, Radiology, Neuroradiology, Indiana University Medical Center Hospitals, Indianapolis, IN  
1990 - 1991 Fellowship, Radiology, Neuroradiology, Johns Hopkins Hospital, Baltimore, MD

#### **FACULTY APPOINTMENTS:**

1989 - 1990 Lecturer of Radiology, Indiana University School of Medicine, Indianapolis, IN  
1990 - 1991 Instructor of Radiology (Neuroradiology), Johns Hopkins University School of Medicine, Baltimore, MD  
1992 - 1995 Assistant Professor of Radiology (Neuroradiology), Radiology, Bowman Gray School of Medicine, Winston-Salem, NC  
1992 Assistant Professor of Radiology (Neuroradiology), Radiology, John Hopkins University School of Medicine, Baltimore, MD  
1995 - 2002 Associate Professor of Radiology (Neuroradiology), Radiology, Indiana University School of Medicine, Indianapolis, IN  
1995 Associate Professor of Radiology (Neuroradiology), Radiology, Bowman Gray School of Medicine, Winston-Salem, NC  
2002 - 2014 Professor of Radiology (Neuroradiology), Radiology, Indiana University School of Medicine, Indianapolis, IN  
2014 - Present Chairman and James E. Youker Professor of Radiology, Radiology, Medical College of Wisconsin, Milwaukee, WI  
2019 - 2022 Senior Associate Dean for Clinical Affairs, Medical College of Wisconsin, Milwaukee, WI

#### **ADMINISTRATIVE APPOINTMENTS:**

2009 - 2014 President & CEO, Northwest Radiology Network, Indianapolis, IN  
2011 - 2015 Trustee, American Board of Radiology, Tucson, AZ  
2015 - Present Governors, American Board of Radiology, Tucson, AZ  
09/10/2018 - 09/10/2020 President-Elect, Board of Governors, American Board of Radiology, Tucson, AZ  
06/01/2019 - 12/01/2022 Interim President of Community Physicians, Medical College of Wisconsin

06/01/2019 - 12/01/2022 Interim Chief Executive Officer Of Medical College Physicians, Medical College of Wisconsin  
 09/10/2020 - 09/16/2022 President, American Board of Radiology, Tucson, AZ  
 09/16/2022 - 09/16/2024 Immediate Past President, American Board of Radiology

#### **EDUCATIONAL ADMINISTRATIVE APPOINTMENTS:**

1993 - 2000 NIH Consultant, Ad Hoc Reviewer

#### **HOSPITAL AND CLINICAL ADMINISTRATIVE APPOINTMENTS:**

1992 - 1995 Director, Neuro Magnetic Resonance Imaging, North Carolina Baptist Hospital, Winston-Salem, NC  
 1995 - 2003 Chief, Neuroradiology, Department of Radiology, Indiana University Medical Center, Indianapolis, IN  
 1995 - 2003 Director, Neuroradiology Fellowship, Indiana University School of Medicine  
 1997 Acting Medical Director, Open Sided MRI, Indianapolis, IN  
 2003 - 2014 Staff Neuroradiologist, Northwest Radiology Network, Indianapolis, IN  
 2014 - Present Chairman and Professor of Radiology, Radiology, Medical College of Wisconsin, Milwaukee, WI  
 07/2017 - Present Radiology, Froedtert Menomonee Falls, W180 N8085 Town Hall Road, Menomonee Falls, WI 53005  
 07/2017 - Present Radiology, Froedtert West Bend, 3200 Pleasant Valley Road, West Bend, WI 53059  
 07/2017 - Present Children's Hospital of Wisconsin, 8915 W. Connell Court, Milwaukee, WI 53226

#### **HOSPITAL STAFF PRIVILEGES:**

2014 - Present Radiology, Children's Hospital of Wisconsin  
 2014 - Present Radiology, Froedtert Hospital  
 2015 - Present Radiology, Froedtert West Bend Hospital  
 2015 - Present Radiology, Froedtert Menomonee Falls

#### **SPECIALTY BOARDS AND CERTIFICATION:**

<u>Board Certified</u>	<u>Issue Date</u>	<u>Expiration</u>
Diplomate - ABR Specialty Board	1990	None
Status		

<u>Certificates</u>	<u>Issued By</u>	<u>Issue Date</u>	<u>Expiration</u>
Diplomate	National Board of Medical Examiners	1987	None
Certificate of Added Qualification in Neuroradiology	American Board of Radiology	1996	None
Maintenance of Certification in Neuroradiology	American Board of Radiology	2003	None

<u>Licensure</u>	<u>Number</u>	<u>Issue Date</u>	<u>Expiration</u>
Physician (Indiana)	01036675	1990	None
Physician (Wisconsin)	61934-20	2014	None

#### **AWARDS AND HONORS:**

1979 Phi Kappa Phi Honor Society  
 1979 Phi Eta Sigma Honor Society  
 1980 Thomas Hamilton Psychology Scholarship  
 1981 Outstanding Senior Service Award  
 1985 Alpha Omega Alpha Honor Medical Society

1986 Alexander T. Ross Outstanding Senior Neurology Student  
 1988 Cum Laude Award for a Scientific Exhibit, American Society of Neuroradiology  
 1988 Cornelius G. Dyke Award, American Society of Neuroradiology  
 1988 - 1989 Chief Resident, Indiana University Medical Center Hospitals  
 1990 - 1992 Research Fellowship, Radiological Society of North America  
 1993 Cum Laude Award for a Scientific Exhibit, Radiological Society of North America  
 1994 Gold Medal for Scientific Exhibits, American Roentgen Ray Society  
 1994 Cum Laude Award for a Scientific Exhibit, Radiological Society of North America  
 1994 Cum Laude Award for a Scientific Exhibit, American Society of Neuroradiology  
 1995 Magna Cum Laude Award for a Scientific Exhibit, Radiological Society of North America  
 1995 Cum Laude Award for a Scientific Exhibit, Radiological Society of North America  
 1996 Cum Laude Award for a Scientific Exhibit, Radiological Society of North America  
 1996 Outstanding Young Men of America  
 1997 Cum Laude Award for a Scientific Exhibit, Radiological Society of North America  
 1997 Magna Cum Laude Award for a Scientific Exhibit, American Society of Neuroradiology  
 1998 Magna Cum Laude Award for a Scientific Exhibit, American Society of Neuroradiology  
 1998 Outstanding Young Men of America  
 1999 Magna Cum Laude Award for a Scientific Exhibit, American Society of Neuroradiology  
 2000 Certificate of Merit for a Scientific Exhibit, Radiological Society of North America  
 2000 Cum Laude Award for a Scientific Exhibit, American Society of Neuroradiology  
 2001 Cum Laude Award for a Scientific Exhibit, American Society of Neuroradiology  
 2002 Distinguished Service Award, American Board of Radiology  
 2010 Lifetime Service Award, American Board of Radiology  
 2012 Indianapolis Monthly Top Doctors  
 2012 Castle Connolly Top Doctor  
 2013 Castle Connolly Top Doctor  
 2013 Indianapolis Monthly Top Doctors  
 2014 Milwaukee Magazine Top Doctors  
 2014 Castle Connolly Top Doctor  
 2015 Castle Connolly Top Doctor  
 2015 Milwaukee Magazine Top Doctors  
 2016 Castle Connolly Top Doctor  
 2016 Milwaukee Magazine Top Doctors  
 2017 Castle Connolly Top Doctor  
 2017 Milwaukee Magazine Top Doctors  
 2017 Campbell-Klatte Distinguished Visiting Professor Indiana University Department of Radiology and Imaging Sciences  
 2018 Castle Connolly Top Doctor

#### **MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:**

1982 - Present American Medical Association  
 1986 - Present American Roentgen Ray Society  
 1993 - Present International Society of Magnetic Resonance in Medicine  
 1993 - Present American Society of Spine Radiology  
 1993 - Present American Society of Pediatric Neuroradiology  
 2014 - Present Society of Chairs of Academic Radiology Departments  
 2014 - Present Association of University Radiologists

#### **EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:**

##### **Editorship**

1995 - Present American Society of Neuroradiology Annual Meeting - Reviewer, Abstracts  
 1995 - 2001 Radiological Society of North America Annual Meeting - Reviewer, education exhibits abstracts  
 1997 - Present Radiographics - Reviewer, scientific exhibits

##### **Editorial Board**

1995 - Present Journal of Computer Assisted Tomography  
 1998 - 2003 American Journal of Neuroradiology

1998 - 2006 American Journal of Roentgenology  
 2000 - 2003 Seminars in Cerebrovascular Diseases and Stroke  
 Journal Review  
 1991 - 2006 American Journal of Roentgenology  
 1993 - 1999 Journal of the Neurosciences  
 1993 - 2003 Neuroradiology  
 1994 - 2003 American Journal of Neuroradiology  
 1995 - Present Journal of Computer Assisted Tomography  
 1995 - 2003 Stroke  
 1995 - 2006 Radiology

#### **LOCAL/REGIONAL APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:**

1995 - 2002 Resident Selection Committee, Indiana University Department of Radiology/ Radiology Associates  
 1995 - 1997 Physiologic Imaging Research Center, Neuroimaging Applications Committee, Indiana University School of Medicine  
 1996 - 2003 Fellowship Committee, Indiana University Department of Radiology/ Radiology Associates  
 1996 - 2000 Radiology Specialists of Indiana/Indiana University Radiology Associates Planning Committee, Indiana University Department of Radiology/ Radiology Associates  
 1996 - 2003 Co-Chair or Member, Research Committee, Indiana University Department of Radiology/ Radiology Associates  
 1996 - 1998 Elected Member-at-large, Executive Committee, Indiana University Department of Radiology/ Radiology Associates  
 1996 - 2000 Productivity Assessment Committee, Indiana University Department of Radiology/ Radiology Associates  
 2001 - 2003 Executive Committee, Indiana Center of Excellence In Biomedical Imaging, Indiana University School of Medicine  
 2002 - 2003 Elected Member-at-large, Board of Directors, Indiana University Department of Radiology/ Radiology Associates  
 2004 - 2006 Managed Care Committee, Northwest Radiology Network  
 2006 - 2007 Strategic Planning Ad Hoc Committee, Northwest Radiology Network  
 2006 - 2014 Business Development Committee, Northwest Radiology Network  
 2007 - 2009 Finance Committee, Northwest Radiology Network  
 2008 - 2009 Chair, Finance Committee, Northwest Radiology Network  
 2008 - 2009 Secretary, Board of Directors, Northwest Radiology Network  
 2008 - 2014 Board of Directors, Northwest Radiology Network  
 2010 - 2013 Medical Executive Committee, St. Vincent Hospital Indianapolis  
 2011 - 2013 Strategy and Planning Committee, St. Vincent Health  
 2012 - 2014 Co-Chair, Redesigning Healthcare Imaging Committee, St. Vincent Health  
 2013 Executive Physician Leadership Committee, St. Vincent Hospital Indianapolis

#### **NATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:**

1994 - 1997 Strategic Planning Committee, American Society of Neuroradiology  
 1994 - 1995 North Carolina Affiliate Stroke Task Force, American Heart Association  
 1995 - 2002 Education Exhibits Committee, Radiological Society of North America  
 1996 - 1998 Program Committee, Symposium Neuroradiologicum  
 1996 - 2003 Research Committee, American Society of Neuroradiology  
 1998 - 1999 Strategic Planning Task Force, American Society of Neuroradiology  
 1998 - 2003 Executive Committee, American Society of Neuroradiology  
 1998 - 2002 Chairman, Neuroradiology Subcommittee, Education Exhibits Committee, Radiological Society of North America  
 1998 - 2001 Chair, Research Committee, American Society of Neuroradiology  
 1999 - 2011 Neuroradiology Maintenance of Certification Committee, American Board of Radiology  
 1999 - 2002 Program Committee, American Society of Neuroradiology  
 1999 - 2005 Vice-chairman, Neuroradiology/MRI Commission, Research and Technology Committee, American College of Radiology  
 2000 - 2003 Research and Education Foundation Research: Fellow Review Panel, Radiological Society of

#### North America

- 2000 - 2003 Rules Committee, American Society of Neuroradiology
- 2001 - 2004 Public Relations Task Force, American Society of Neuroradiology
- 2002 - 2008 Chair, Neuroradiology Track, Refresher Course Committee, Radiological Society of North America
- 2002 - 2003 Nominating Committee, American Society of Neuroradiology
- 2002 - 2003 Chair, Rules Committee, American Society of Neuroradiology
- 2007 - Present Public Information Advisors Network, Radiological Society of North America
- 2008 - 2011 Chair, Neuroradiology Maintenance of Certification Committee, American Board of Radiology
- 2009 - 2015 R & E Foundation Visionaries in Practice Committee, Radiological Society of North America
- 2009 - 2012 Rules Committee, American Society of Neuroradiology
- 2011 - Present American Board of Radiology, Neuroradiology Certification Committee
- 2011 - Present Executive Committee, American Society of Neuroradiology
- 2011 - 2015 Board of Trustees committees: Diagnostic Radiology, Maintenance of Certification, Subspecialty, Finance, American Board of Radiology
- 2011 - 2015 Board of Trustees: Continuous Certification Coordinating Committee, American Board of Radiology
- 2011 - 2012 Chair, Rules Committee, American Society of Neuroradiology
- 2011 - 2012 Nominating Committee, American Society of Neuroradiology
- 2012 - 2015 Patient Centered Radiology Steering Committee, Radiological Society of North America
- 2014 - 2015 Chair, Board of Trustees: Continuous Certification Coordinating Committee, American Board of Radiology
- 2014 - 2015 Board of Trustees: Executive Committee, American Board of Radiology
- 2015 - Present Chair, Board of Governors: Certification Policy, American Board of Radiology
- 2015 - Present Board of Governors: Audit, Finance, Strategic Planning, Professionalism, American Board of Radiology
- 2018 - Present R&E Foundation Corporation Giving Subcommittee, Radiological Society of North America

#### RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:

##### Prior

##### Peer Review

Title:	Magnetic Resonance Imaging and Spectroscopy of Acute Stroke
Source:	Radiological Society of North America
Role & Effort:	Principal Investigator (Research Fellowship)
Dates:	07/01/1990 - 06/30/1992
Direct Funds:	\$65,000
Title:	The Evaluation of the Safety of Intravenous Gadopentetate Dimeglumine at 0.3 mmol/kg Body Weight and the Comparison of the Diagnostic Efficacy of 0.3mmol/kg Gadopentetate Dimeglumine to That Shown in a Prior Diagnostic Study Using 0.1mmol.kg Gadopentetate Dimeglumine (Magnevist® Injection) in Adult Patients With Known Primary Carcinoma Who Have a Definite or Suspected Metastatic Lesion(s) of the Central Nervous System.
Source:	Berlex Laboratories
Role & Effort:	Principal Investigator
Dates:	02/01/1993 - 01/01/1995
Direct Funds:	\$36,576

Title:	Serial Positron Emission Tomography and Functional MR Imaging of Stroke
Source:	American Society of Neuroradiology
Role & Effort:	Senior Investigator (Basic Science Fellowship)
PI:	Jerry Burke, M.D.
Dates:	07/01/1994 - 06/30/1995
Direct Funds:	\$35,000
Title:	Brain Magnetic Resonance Spectroscopy in Cardiac Surgery.
Source:	Charles A. Dana Foundation, Hypotheses in Neuroscience Imaging Program
Role & Effort:	Consultant
PI:	Dixon Moody, M.D.
Dates:	01/01/1996 - 12/31/1998
Direct Funds:	\$100,000
Title:	A Phase Ib/II Repetitive Dose Trial of Gadolinium Texaphrin (PCI-120) Injection
Source:	Pharmacyclics, Inc.
Role & Effort:	Co-investigator
PI:	Robert Timmerman, M.D.
Dates:	06/25/1996 - 04/01/1998
Direct Funds:	\$128,120
Title:	A Prospective Multicenter Dose-Ranging Study of Intra-arterial Thrombolysis in Acute Middle Cerebral Artery Distribution Thromboembolic Stroke
Source:	Abbott Laboratories
Role & Effort:	Co-investigator
PI:	Askiel Bruno, M.D.
Dates:	12/01/1996 - 08/01/1998
Direct Funds:	\$40,575
Title:	MRI Substudy of Bristol-Myers-Squibb Protocol #CN123-010
Source:	Bristol-Meyers-Squibb, Inc.
Role & Effort:	Co-investigator
PI:	Linda Williams, M.D.
Dates:	09/01/1998 - 08/31/1999
Direct Funds:	\$135,360
Title:	Citicholine Stroke Trial #IP302-018
Source:	Interneuron Pharmaceuticals, Inc.
Role & Effort:	Co-investigator
PI:	Askiel Bruno, M.D.
Dates:	09/01/1998 - 09/01/1999
Direct Funds:	\$10,000 (Per Patient Enrolled)
Title:	Phase III Randomized Trial of Gadolinium Texaphrin (PCI-0120)

	Injection as a Radiation Sensitizer in Patients Receiving Whole Brain Radiation Therapy for the Treatment of Brain Metastasis
Source:	Pharmacyclics, Inc.
Role & Effort:	Co-investigator
PI:	Robert Timmerman, M.D.
Dates:	12/18/1998 - 09/01/1999
Direct Funds:	\$230,834
Title:	Childhood Epilepsy: Factors Affecting Adaptation
Source:	National Institute of Health
Role & Effort:	Co-Investigator
PI:	Joan Austin, DNS, RN
Dates:	04/01/2000 - 03/31/2007
Direct Funds:	\$2,100,000
Title:	Functional MRI in Parkinson's Disease
Source:	National Institute of Health
Role & Effort:	Co-Investigator
PI:	Micheal D. Phillips, MD
Dates:	04/01/2000 - 03/31/2003
Direct Funds:	\$600,000
Title:	Disruptive Behavior Disorder (with Aggressive Features) and the Role of Violent Media Exposure: fMRI Study of Frontal Lobe Function
Source:	Center for Successful Parenting
Role & Effort:	Principal investigator
Dates:	05/01/2000 - 04/30/2002
Direct Funds:	\$379,000
Title:	Optimization of Diffusion Tensor Imaging in the Brain
Source:	NIMH Exploratory/Development Grant [R21] Program
Role & Effort:	Co-Investigator
PI:	Tie-Qiang Li, PhD
Dates:	07/01/2002 - 06/30/2004
Direct Funds:	\$298,000
Title:	Disruptive Behavior Disorder (with Aggressive Features) and the Role of Violent Media Exposure: A Study of Executive Functioning and fMRI Activation in Response to Aggressive- Emotional Tasks
Source:	Center for Successful Parenting
Role & Effort:	Principal investigator
Dates:	08/01/2002 - 12/31/2003
Direct Funds:	\$320,000
Title:	High Resolution Diffusion Tensor Imaging for Quantitative Assessment of Attention Deficit Hyperactivity Disorder

Source:	The Whitaker Foundation
Role & Effort:	Co-Investigator
PI:	Tie-Qiang Li, PhD
Dates:	09/01/2002 - 08/30/2005
Direct Funds:	\$240,000
Title:	Media violence exposure and brain functioning in adolescents: An experimental study
Source:	Center for Successful Parenting
Role & Effort:	Co-Principal investigator
PI:	William G. Kronenberger, MD
Dates:	11/01/2004 - 10/31/2006
Direct Funds:	\$650,000
Title:	Multicenter, double-blind, randomized, controlled, parallel group, dose comparison study with corresponding blinded image evaluation following a single intravenous injection of three different doses of gadobutrol 1.0 molar (Gadovist) in patients with known or highly suspected focal blood brain barrier disturbances and/or abnormal vascularity of the central nervous system
Source:	Berlex Laboratories
Role & Effort:	Local Principal investigator
Dates:	03/01/2005 - 07/01/2006
Direct Funds:	\$60,000
Title:	Video Game-Brain Functioning Reversibility Study
Source:	Center for Successful Parenting
Role & Effort:	Co-Principal investigator
Dates:	04/01/2008 - 03/31/2011
Direct Funds:	\$1,200,000
Title:	Advanced MR Applications for Mild Traumatic Brain Injury- Phase 2
Source:	GE Healthcare 114-2015-GES-0017
Role & Effort:	Co-Investigator
Dates:	08/01/2015 - 01/31/2017

#### **INVITED LECTURES/WORKSHOPS/PRESENTATIONS:**

##### **International**

McArthur JH, Nance-Sprosen TE, Dal Pan GJ, Aylward E, Selnes OA, Mathews VP, McArthur JC, A longitudinal study of magnetic resonance imaging findings in HIV-1 infected homosexual men: the multicenter AIDS cohort study (MACS), Neuroscience of HIV Infection meeting, Padua, Italy, 06/12/1991 - 06/15/1991

Conturo, TE, Barker PB, Mathews, VP, Monsein LH, Bryan RN, MR cerebral perfusion imaging by phase angle reconstruction during infusion of paramagnetic agents., Society of Magnetic Resonance in Medicine, Berlin, Germany, 08/01/1992

Breiter SN, Barker PB, Mathews VP, Arroyo SS, Bryan RN, Proton magnetic resonance spectroscopy in patients with seizure disorders, Society of Magnetic Resonance in Medicine, Berlin, Germany, 08/01/1992

Mathews VP, Elster AD, Barker PB, Buff BL, Haller JA, Greven CM, Intraocular silicone oil: in vitro and in



- vivo MR and CT characteristics, American Society of Neuroradiology, Vancouver, British Columbia, Canada, 05/01/1993
- Strottmann JM, Mathews VP, Elster AD, Ginsberg LE, Williams III DW, Gadolinium enhancement of cerebral infarction: comparison of spin-echo and gradient-echo sequences, American Society of Neuroradiology, Vancouver, British Columbia, Canada, 05/01/1993
- King JC, Mathews VP, Williams III DW, Ginsberg LE, Keyes JW Jr, Greven KM, CT and PET features of large metastatic lymph nodes of the neck, American Society of Neuroradiology, Vancouver, British Columbia, Canada, 05/01/1993
- Mathews VP, Recent advances in stroke imaging, Winter Radiology Continuing Education Program, Bowman Gray School of Medicine, Curacao, Netherlands Antilles, 01/25/1994
- Mathews VP, MR of intracranial hemorrhage, Winter Radiology Continuing Education Program, Bowman Gray School of Medicine, Curacao, Netherlands Antilles, 01/25/1994
- Keyes JW, Bell WL, Harkness BA, Fahey FH, Mathews VP, Asconape C, Santos, A comparison of diagnostic imaging techniques in partial complex epilepsy, World Federation of Nuclear Medicine and Biology, Sydney, Australia, 10/25/1994
- Mathews VP, Hot Topics for practicing radiologists: contrast dose and magnetization transfer in MR imaging, 5th Annual Meeting of the International Society of Magnetic Resonance in Medicine, Vancouver, British Columbia, 04/17/1997
- Shinaver CN, Sandrasegaran K, Caldemeyer KS, Mathews VP, Smith RR, Kopecky KK, Ultrahigh resolution spiral CT of the temporal bones using .5 mm collimation, 35th Annual Meeting of the American Society of Neuroradiology, Toronto, Ontario, 05/17/1997
- Mathews VP, Caldemeyer KS, Greenspan SL, Lowe ML, Weber DM, Ulmer JL, Gadolinium-enhanced fats FLAIR imaging of the brain, 35th Annual Meeting of the American Society of Neuroradiology, Toronto, Ontario, 05/19/1997
- Erickson MR, Ulmer JL, Holder CA, Mathews VP, Hamilton CA, Garman JN, Magnetization transfer imaging of intracranial methemoglobin, 35th Annual Meeting of the American Society of Neuroradiology, Toronto, Ontario, 05/20/1997
- Erickson MR, Ulmer JL, Mathews VP, Hamilton CA, Daniels DL, Mark LP, Magnetization transfer imaging of extrapyramidal nuclei, 35th Annual Meeting of the American Society of Neuroradiology, Toronto, Ontario, 05/20/1997
- White ML, Mathews VP, Caldemeyer KS, Aisen AM, Snidow J, Shah H, Gadolinium-enhanced MRA versus 2D TOR MRA in evaluation of carotid artery stenosis, 35th Annual Meeting of the American Society of Neuroradiology, Toronto, Ontario, 05/20/1997
- Ulmer JL, Biswal B, Daniels DL, Haughton VM, Yetkin FZ, Mathews VP, Functional magnetic resonance imaging of the auditory cortex: cortical activation response to taped ambient scanner noise, 35th Annual Meeting of the American Society of Neuroradiology, Toronto, Ontario, 05/20/1997
- Mathews VP, Tanenbaum L, "How to" session - new MRI techniques: FLAIR, MT, fast scanning, 35th Annual Meeting of the American Society of Neuroradiology, Toronto, Ontario, 05/20/1997
- Mathews VP, Parallel session summary: new imaging techniques, 35th Annual Meeting of the American Society of Neuroradiology, Toronto, Ontario, 05/21/1997
- Rau A, Fleck JD, Shah M, Mathews V, Caldemeyer K, Biller J, Spinal epidural abscess in adults - still an elusive diagnosis: a report of 18 cases, XVI World Congress of Neurology, Buenos Aires, Argentina, 09/15/1997
- Lowe MJ, Mathews VP, Lurito JT, Weinzapfel BT, Phillips MD, Hutchins GD, A Quantitative Comparison of Oxygenation Contrast fMRI and H<sub>2</sub> 15 O PET During Complex Motor Task Performance, ISMRM Fourth Scientific Meeting, Sydney, Australia, 04/18/1998 - 04/24/1998
- Mathews VP, Lowe MJ, White ML, Lurito JT, Phillips MD, Hutchins GD, Functional brain imaging of a complex motor task: comparison of spin-echo fMRI, gradient-echo fMRI and PET, Symposium Neuroradiologicum XVI, Philadelphia, Pennsylvania, 05/15/1998 - 05/17/1998
- Mathews VP, Lowe MJ, White ML, Lurito JT, Phillips MD, Hutchins GD, Functional brain imaging of a complex motor task: comparison of spin-echo fMRI, gradient-echo fMRI and PET, Fourth International Conference on Functional Mapping of the Human Brain, Montreal, Quebec, Canada, 06/07/1998 - 06/12/1998
- Lowe MJ, Mathews VP, Lurito JT, Weinzapfel BT, Phillips MD, Hutchins GD, A Quantitative Comparison of Oxygenation Contrast fMRI and H<sub>2</sub> 15 O PET During Complex Motor Task Performance, Fourth International Conference on Functional Mapping of the Human Brain, Montreal, Canada, 06/07/1998 - 06/12/1998

- Lowe MJ, Phillips MD, Mathews VP, Lurito JT, Dzemidzic M, Selective activation of Wernicke's and simple auditory areas using a novel passive listening paradigm, Fifth International Conference on Functional Mapping of the Human Brain, Dusseldorf, Germany, 06/23/1999 - 06/26/1999
- Lowe MJ, Phillips MD, Lurito JT, Mathews VP, Dzemidzic M, Wojcieszek JM, Three-dimensional cluster analysis as a determinant of right/left asymmetry in fMRI of Parkinson's disease, Fifth International Conference on Functional Mapping of the Human Brain, Dusseldorf, Germany, 06/23/1999 - 06/26/1999
- Dzemidzic M, Lowe MJ, Lurito JT, Mathews VP, Phillips MD, Estimation of spatial registration error for Talairach-transformed MR images, Fifth International Conference on Functional Mapping of the Human Brain, Dusseldorf, Germany, 06/23/1999 - 06/26/1999
- Mathews VP, Brain mapping with functional MR: importance in pre-surgical evaluation of brain tumors, Fourth Joint International Cancer Conference, Naples, Italy, 09/25/2000
- Mathews VP, MRI in epilepsy, 54th Annual Congress of the Indian Radiological & Imaging Association, Manipal, India, 01/06/2001
- Mathews VP, AIDS in CNS, 54th Annual Congress of the Indian Radiological & Imaging Association, Manipal, India, 01/06/2001
- Mathews VP, Cross sectional imaging of paranasal sinuses, 54th Annual Congress of the Indian Radiological & Imaging Association, Manipal, India, 01/08/2001
- Mathews VP, Multi-slice CT of the spine, Shangdong Medical Imaging Research Institute, Jinan, Peoples Republic of China, 09/03/2001
- Mathews VP, Multi-slice CT of the spine, Shangdong Medical Imaging Research Institute, Jinan, Peoples Republic of China, 09/03/2001
- Mathews VP, Multi-slice CT applications for the brain and spine, the Second College of Clinical Medicine of Chongqing Medical University, Chongqing, Peoples Republic of China, 09/04/2001
- Mathews VP, Multi-slice CT applications for the brain and spine, Second College of Clinical Medicine of Chongqing Medical University, Chongqing, Peoples Republic of China, 09/04/2001
- Mathews VP, Functional MRI of language, Chinese Society of Radiology, Beijing, Peoples Republic of China, 09/06/2001
- Mathews VP, Functional MRI of language, Tongji University School of Medicine, Wuhan, Peoples Republic of China, 09/08/2001
- Mahmoud SYM, Phillips MD, Mattson DH, Mathews VP, Apparent diffusion coefficient of the normal-appearing white matter in multiple sclerosis and in normal subjects: the effect of aging, American Society of Neuroradiology 40th Annual Meeting, Vancouver, Canada, 05/15/2002
- Li TQ, Wang Y, Mathews VP, Disruptive behavior disorder investigated by diffusion tensor imaging, American Society of Neuroradiology 40th Annual Meeting, Vancouver, Canada, 05/17/2002
- Li T-Q, Mathews V, Wang Y, Kronenberger W, Dunn D, A DTI study of adolescents with disruptive behavior disorder, 8th International Conference on Functional Mapping of the Human Brain, Sendai, Japan, 06/03/2002
- Wang Y, Mathews V, Lowe M, Dzemidzic M, Lurito J, Phillips M, Kronenberger W, Dunn D, BOLD signal detection using 3D EPI fMRI during Go-No-Go task, 8th International Conference on Functional Mapping of the Human Brain, Sendai, Japan, 06/03/2002
- Wang Y, Mathews V, Lurito J, Lowe M, Dzemidzic M, Phillips M, Kronenberger W, Dunn D, FMRI frontal lobe activation patterns of adolescents with disruptive behavior disorder as compared to control subjects, 8th International Conference on Functional Mapping of the Human Brain, Sendai, Japan, 06/06/2002
- Mathews VP, Multi-detector CT application in neuroradiology, Assiut University, Assiut, Egypt, 08/26/2003
- Kisner SJ, Li TQ, Wang Y, Talavagel T, Mathews V, Kronenberger W, Dunn D, A Clustering Strategy for Quantitative Assessment of Functional Connectivity in Resting-state fMRI Data, International Society for Magnetic Resonance in Medicine 12th Scientific Meeting, Kyoto, Japan, 05/15/2004 - 05/21/2004
- Wang Y, Mathews V, Kalnin A, Kronenberger W, Li TQ, Dunn D, Response to Emotional Stroop Stimuli revealed by fMRI Study in Adolescents with Disruptive Behavior Disorder, 10th Annual Meeting of the Organization for Human Brain Mapping, Budapest, Hungary, 06/13/2004 - 06/17/2004
- Kalnin A, Wang Y, Kronenberger W, Mosier K, Li TQ, Dunn D, Mathews VP, Effects of Media Violence in Adolescents with Disruptive Behavior Disorder: Emotional Stroop fMRI Study, 11th Annual Meeting of the Organization for Human Brain Mapping, Toronto, Ontario, Canada, 06/12/2005 - 06/16/2005
- Wang Y, Mathews V, Kalnin A, Mosier K, Li TQ, Dunn D, Kronenberger W, Anterior Cingulate Cortex Functional Connectivity differs between Adolescent with Disruptive Behavior Disorder and normal

- subject, 11th Annual Meeting of the Organization for Human Brain Mapping, Toronto, Ontario, Canada, 06/12/2005 - 06/16/2005
- Kalnin A, Wang Y, Kronenberger W, Mosier K, Dunn D, Mathews VP, Short Term Effects of Violent Video Playing: Emotional Stroop fMRI study. An fMRI Study using Emotional Face Matching Task Revealed Short Term Effects of Violent Video Game, 12th Annual Meeting of the Organization for Human Brain Mapping (OHBM), Florence, Italy, 06/11/2006 - 06/15/2006
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Wang Y, Mathews V, Li TQ, Mosier K, Kalnin A, Lin C, Dunn D, Kronenberger W, Changes in Fiber Tract Integrity Detected by DTI Measurements in Disruptive Behavioral Disorder, 13th Annual Meeting of the Organization for Human Brain Mapping (OHBM), Chicago, IL, 06/10/2007 - 06/14/2007

Bryan RN, Mathews VP, Neuroradiology Old and New, 93rd Annual Meeting of the Radiological Society of North America, Chicago, IL, 11/25/2007 - 11/30/2007

Rowley HA, Mathews VP, Comprehensive Imaging for Acute Stroke Treatment, 93rd Annual Meeting of the Radiological Society of North America, Chicago, IL, 11/25/2007 - 11/30/2007

Wang Y, Mathews V, Kalnin A, Mosier K, Dunn D, Saykin A, Kronenberger W, Disconnection of Inhibitory Functional Connectivity of Amygdala after Violent Game Playing, 46th Annual Meeting of the American Society of Neuroradiology (ASNR), New Orleans, Louisiana, 05/31/2008 - 06/05/2008

Bryan RN, Mathews VP, Neuroradiology: Juniors versus Seniors, Annual Meeting of the Radiological Society of North America, Chicago, IL, 11/30/2008 - 12/05/2008

Osborn AG, Mathews VP, Central Nervous System Infections, Annual Meeting of the Radiological Society of North America, Chicago, IL, 11/30/2008 - 12/05/2008

Osborn AG, Mathews VP, Central Nervous System Infections, Annual Meeting of the Radiological Society of North America, Chicago, IL, 11/30/2009 - 12/01/2009

Mathews, VP, Case-based Review of Neuroradiology, ISMRM Weekend Case-based Course, Miami, FL, 02/21/2010

Osborn AG, Mathews VP, Central Nervous System Infections, Annual Meeting of the Radiological Society of North America, Chicago, IL, 11/28/2010 - 12/03/2010

Arenson R, Ros P, Mathews VP, Compensation Plans, Annual Meeting of the Radiological Society of North America, Chicago, IL, 11/27/2011 - 12/02/2011

Arenson R, Ros P, Mathews VP, Compensation Plans, Annual Meeting of the Radiological Society of North America, Chicago, IL, 11/25/2012 - 11/30/2012

Arenson R, Ros P, Mathews VP, Compensation Plans, Annual Meeting of the Radiological Society of North America, Chicago, IL, 12/01/2013 - 12/06/2013

Mathews VP, Radiology Cares: The Art of Patient Centered Practice, Annual Meeting of the Society of Chairs in Academic Radiology, Tucson, AZ, 10/17/2014

Mathews VP, The Alphabet Soup of MOC, CC and SA-CME. Part of the Refresher Course, "What's New

from the American Board of Radiology.”, Annual Meeting of the Radiological Society of North America, Chicago, IL, 11/30/2014 - 12/05/2014

Mathews VP, Compensation Benchmarks, Annual Meeting of the Society of Chairs in Academic Radiology, Seattle, WA, 10/16/2015

Mathews VP, The Alphabet Soup of MOC, CC and SA-CME. Part of the Refresher Course, “What’s New from the American Board of Radiology.”, Annual Meeting of the Radiological Society of North America, Chicago, IL, 11/29/2015 - 12/04/2015

Mathews VP, “Maintenance of Certification Update.”, Annual Meeting of the American Roentgen Ray Society, Los Angeles, CA, 04/20/2016

Mathews VP, “MOC Part 4: PQI.”, Annual Meeting of the American College of Radiology, Washington, DC, 05/15/2016

### **Regional**

Mathews, VP, Magnetization transfer imaging, Indiana State Roentgen Society, Indianapolis, Indiana, 05/13/1995

Mathews, VP, Clinical Neuro MRI, Indiana Society for Magnetic Resonance Technologists, Columbus, IN, 09/11/2010

Mathews VP, Advances in Imaging of Dementia, Indiana Academy of Family Physicians annual meeting, Indianapolis, IN, 07/26/2013

### **Local**

Mathews VP, Kuharik MA, Edwards MK, D'Amour PG, Azzarelli B, Dreesen RG, Gadolinium enhanced MR imaging of experimental bacterial meningitis: evaluation and comparison with CT, John A. Campbell Lecture Series, Indianapolis, Indiana, 04/09/1988

Mathews, VP, Radiologic evaluation of common neurologic problems, Medical Staff Seminar, St. John's Hospital, Anderson, Indiana, 09/19/1991

Mathews VP, MR imaging of the sella and parasellar regions, Principles and Practice of Clinical MRI course of John Hopkins Medical Institutions, Orlando, Florida, 03/05/1992

Mathews VP, MR imaging of cranial nerves, Principles and Practice of Clinical MRI course of John Hopkins Medical Institutions, Orlando, Florida, 03/06/1992

Mathews VP, Recent advances in stroke imaging, Scientific Program to Honor the Retirement of Eugene C. Klatte, Indianapolis, Indiana, 03/20/1992

Mathews VP, Magnetization transfer imaging, Department of Radiology of John Hopkins Hospital, Baltimore, MD, 07/11/1994

Mathews VP, Magnetization transfer imaging, Department of Radiology of the Medical College of Wisconsin, Milwaukee, WI, 08/24/1994

Mathews VP, Neuroradiology case presentation, Department of Radiology of Indiana University, Indianapolis, Indiana, 10/24/1994

Mathews VP, Neuroimaging of epilepsy, Bowman Gray Summer Radiology Continuing Education Program, Myrtle Beach, South Carolina, 06/19/1995

Mathews VP, Paranasal Sinus Imaging, Bowman Gray Summer Radiology Continuing Education Program, Myrtle Beach, South Carolina, 06/19/1995

Mathews VP, Neuroimaging of AIDS, Boston University Musculoskeletal and Neurologic MR Course, Boston, Massachusetts, 04/16/1997

Mathews VP, Use of magnetization transfer imaging in clinical practice, Boston University Musculoskeletal and Neurologic MR Course, Boston, Massachusetts, 04/16/1998

Mathews VP, Neuroradiology of cerebrovascular disease, Conference: Clinical Syndromes of Infarction and other Anatomic Lesions of the Basal Forebrain and Deep Gray Matter, Indianapolis, Indiana, 10/03/1998

Mathews VP, Functional MRI, Northwestern University Radiology Grand Rounds, Chicago, Illinois, 02/11/1999

Mathews VP, Neuroimaging of epilepsy, Vail Imaging '99 'Head-to-Toe', Vail, Colorado, 03/08/1999

Mathews VP, Update on spine imaging, Vail Imaging '99 'Head-to-Toe', Vail, Colorado, 03/08/1999

Mathews VP, Paranasal sinus imaging, Vail Imaging '99 'Head-to-Toe', Vail, Colorado, 03/09/1999

Mathews VP, Imaging the salivary glands, Vail Imaging '99 'Head-to-Toe', Vail, Colorado, 03/09/1999

Mathews VP, Clinical FMRI, Armed Forces Institute of Pathology Annual Neuroradiology Course, Bethesda, MD, 02/22/2003

Mathews VP, Imaging manifestations of AIDS in the CNS, Armed Forces Institute of Pathology Annual Neuroradiology Course, Bethesda, MD, 02/22/2003

#### **PEER REVIEWED WORKSHOPS/PRESENTATIONS:**

##### **International**

Barker PB, Mathews VP, Monsein LH, Blackband SJ, Bryan RN, Serial lactate measurements by 1H MRS in acute focal ischemia in the baboon, XVth International Symposium on Cerebral Blood Flow and Metabolism, Brain, Miami, Florida, 06/01/1991

Mathews VP, Strottmann JM, McArthur JC, Smirniotopoulos JG, Progressive multifocal leukoencephalopathy: radiologic-pathologic correlation, American Society of Neuroradiology, Vancouver, British Columbia, Canada, 05/01/1993

Mathews VP, Caldemeyer KS, Weber DM, FLAIR imaging of the brain: comparison with SE and fast SE proton-density and T2-weighted imaging, The annual meeting of the American Society of Neuroradiology, Toronto, Ontario, 05/18/1997 - 05/22/1997

Smith RR, Caldemeyer KS, Mathews VP, Intracranial infection: neuroradiologic review, The annual meeting of the American Society of Neuroradiology, Toronto, Ontario, 05/18/1997 - 05/22/1997

##### **National**

Mathews VP, Kuharik MA, Edwards MK, D'Amour PG, Azzarelli B, Dreesen RG, Gadolinium enhanced MR imaging of experimental bacterial meningitis: evaluation and comparison with CT, American Society of Neuroradiology, Chicago, Illinois, 05/01/1988

Kuharik MA, Edwards MK, Sadove AM, Mathews VP, Schrodt J, Evaluation of orbits in craniofacial anomalies using three dimensional CT, American Society of Neuroradiology, Chicago, Illinois, 05/01/1988

Mathews VP, Broome DR, Smith RR, Bognanno JR, Einhorn LH, Edwards MK, Neuroimaging of disseminated germ cell neoplasms, American Society of Neuroradiology, Orlando, Florida, 03/01/1989

Smith RR, Edwards MK, Harris TM, Mathews VP, Bognanno JR, STIR MR in evaluation of vertebral metastases, American Society of Neuroradiology, Los Angeles, California, 03/01/1990

Lee FE, Smith RR, Muller J, Edwards MK, Bognanno JR, Harris TM, Mathews VP, MRI of giant cell astrocytomas associated with tuberous sclerosis, American Society of Neuroradiology, Los Angeles, California, 03/01/1990

Bognanno JR, Mathews VP, Harris TM, Edwards MK, Smith RR, MRI in head trauma, American Society of Neuroradiology, Los Angeles, California, 03/01/1990

Moran CC, Bognanno JR, Mathews VP, Edwards MK, Smith RR, MRI of superficial siderosis of the central nervous system, American Society of Neuroradiology, Los Angeles, California, 03/01/1990

Mathews VP, Elster AD, King JC, Ulmer JL, Hamilton CA, Combined effects of magnetization transfer and gadolinium in MR, The 79th Scientific Assembly and Annual Meeting of the Radiological Society of North America, Chicago, Illinois, 11/28/1993 - 12/03/1993

Mathews VP, Elster AD, King JC, Ulmer JL, Hamilton CA, Combined effects of magnetization transfer and gadolinium in MR, The annual meeting of the American Roentgen Ray Society, New Orleans, LA, 04/24/1994 - 04/29/1994

Mathews VP, Elster AD, King JC, Ulmer JL, Hamilton CA, Combined effects of magnetization transfer and gadolinium in MR, The annual meeting of the American Society of Neuroradiology, Nashville, TN, 05/03/1994 - 05/07/1994

Davis SB, Williams III DW, Mathews VP, Reboussin DM, Dynamic contrast-enhanced MR imaging of normal and abnormal optic nerves, . The 80th Scientific Assembly and Annual Meeting of the Radiological Society of North America, Chicago, Illinois, 11/27/1994 - 12/02/1994

Ulmer JL, Mathews VP, Elster AD, King JC, Lumbar spondylolysis: ancillary observations at MR imaging, The 80th Scientific Assembly and Annual Meeting of the Radiological Society of North America, Chicago, Illinois, 11/27/1994 - 12/02/1994

Burke JW, Mathews VP, Ulmer JL, Davis SB, McLean FM, Contrast-enhanced magnetization transfer saturation imaging improves MR detection of herpes simplex encephalitis, The Annual Meeting of the American Society of Neuroradiology, Chicago, Illinois, 04/23/1995 - 04/27/1995

Ulmer JL, Mathews VP, Elster AD, Lumbar spondylolysis: ancillary findings on MR imaging, The Annual Meeting of the American Society of Neuroradiology, Chicago, Illinois, 04/23/1995 - 04/27/1995

Mathews VP, Bell WL, Keyes Jr JW, Glazier S, Asconope J, Santos C, Harkness BA, Volumetric MRI,

- interictal PET and SPECT, and ictal SPECT in the evaluation of intractable epilepsy, The Annual Meeting of the American Society of Neuroradiology, Chicago, Illinois, 04/23/1995 - 04/27/1995
- Ulmer JL, Mathews VP, Hamilton CA, Elster AD, Moran PR, Magnetization transfer or spin-lock? An investigation of off-resonance saturation pulse imaging using varying frequency offsets, The Annual Meeting of the American Society of Neuroradiology, Chicago, Illinois, 04/23/1995 - 04/27/1995
- Mathews VP, Bell WL, Keyes, Jr. JW, McLean FM, Glazier S, Santos C, Intractable epilepsy: evaluation with volumetric and quantitative MR imaging, ictal and interictal SPECT, and interictal PET, The 81st Scientific Assembly and Annual Meeting of the Radiological Society of North America, Chicago, Illinois, 11/28/1995 - 12/03/1995
- Caldemeyer KS, Smith RR, Azzarelli B, Edwards-Brown MK, Mathews VP, The jugular foramen: a review of anatomy, masses, and imaging characteristics, The Annual Meeting of the American Society of Neuroradiology, Seattle, Washington, 06/23/1996 - 06/27/1996
- Carrico JB, Caldemeyer KS, Mathews VP, Smith RR, Edwards-Brown MK, The radiology and embryology of anomalous vessels of the head and neck, The Annual Meeting of the American Society of Neuroradiology, Seattle, Washington, 06/23/1996 - 06/27/1996
- Caldemeyer KS, Mathews VP, Smith RR, Righi PD, Edwards-Brown MK, Imaging features and clinical significance of perineural spread or extension of head and neck tumors, The Annual Meeting of the American Society of Neuroradiology, Seattle, Washington, 06/23/1996 - 06/27/1996
- Mathews VP, Caldemeyer KS, Weber DM, FLAIR imaging of the brain: comparison with SE and fast SE proton-density and T2-weighted imaging, The 82nd Scientific Assembly and Annual Meeting of the Radiological Society of North America, Chicago, Illinois, 12/01/1996 - 12/06/1996
- Smith RR, Caldemeyer KS, Mathews VP, Intracranial infection: neuroradiologic review, The 82nd Scientific Assembly and Annual Meeting of the Radiological Society of North America, Chicago, Illinois, 12/01/1996 - 12/06/1996
- Caldemeyer KS, Mathews VP, Smith RR, Righi PD, Edwards-Brown MK, Imaging features and clinical significance of perineural spread or extension of head and neck tumors, The annual meeting of the American Roentgen Ray Society, Boston, Massachusetts, 05/04/1997 - 05/09/1997
- Caldemeyer KS, Smith RR, Azzarelli B, Edwards-Brown MK, Mathews VP, The jugular foramen: a review of anatomy, masses, and imaging characteristics, The annual meeting of the American Roentgen Ray Society, Boston, Massachusetts, 05/04/1997 - 05/09/1997
- Carrico JB, Caldemeyer KS, Mathews VP, Smith RR, Edwards-Brown MK, The radiology and embryology of anomalous vessels of the head and neck, The annual meeting of the American Roentgen Ray Society, Boston, Massachusetts, 05/04/1997 - 05/09/1997
- Mathews VP, Caldemeyer KS, Greenspan SL, Lowe MJ, Weber DM, Ulmer JL, Gadolinium-enhanced fast FLAIR imaging of the brain, The 83rd Scientific Assembly and Annual Meeting of the Radiological Society of North America, Chicago, Illinois, 11/30/1997 - 12/05/1997
- White ML, Caldemeyer KS, Smith RR, Lurito JT, Mathews VP, Neurosarcoidosis: A review of its varied radiological and clinical manifestations, The annual meeting of the American Roentgen Ray Society, San Francisco, California, 04/26/1998 - 05/01/1998
- Bruner C, Mathews VP, Caldemeyer KS, Neuroradiologic spectrum of hemangiomas, The 36th Annual Meeting of the American Society of Neuroradiology, Philadelphia, Pennsylvania, 05/17/1998 - 05/21/1998
- White ML, Caldemeyer KS, Smith RR, Lurito JT, Mathews VP, Neurosarcoidosis of the brain, spine orbit, and head and neck, The 36th Annual Meeting of the American Society of Neuroradiology, Philadelphia, Pennsylvania, 05/17/1998 - 05/21/1998
- Ulmer JL, Mark LP, Mathews VP, Haughton VM, Daniels DL, Biswal B, Prost RW, Horzewski DJ, Auditory activation and perceptual effects from acoustic echoplanar scanner noise, The 36th Annual Meeting of the American Society of Neuroradiology, Philadelphia, Pennsylvania, 05/17/1998 - 05/21/1998
- Phillips MD, Lowe MJ, Mathews VP, The effect of varying TR on the calculated apparent diffusion coefficient (ADC), The 99th Annual Meeting American Roentgen Ray Society, New Orleans, Louisiana, 05/09/1999 - 05/14/1999
- Bernauer TA, Caldemeyer KS, Righi PD, Mathews VP, Clinically important issues in otolaryngologic imaging, The 37th Annual Meeting of the American Society of Neuroradiology, San Diego, California, 05/22/1999 - 05/28/1999
- Lurito JT, Lowe MJ, Mathews VP, Phillips MD, Kareken DA, Chen SA, Dziedzic M, Sartorius C, A primer on functional MR imaging of language, The 37th Annual Meeting of the American Society of Neuroradiology, San Diego, California, 05/22/1999 - 05/28/1999

Masood P, Caldemeyer KS, Mathews VP, Salivary gland imaging: Pictorial review of normal anatomy and pathology, The 37th Annual Meeting of the American Society of Neuroradiology, San Diego, California, 05/22/1999 - 05/28/1999

Mathews VP, Neuroradiology case of the day, The 85th Annual Meeting of the Radiological Society of North America, Chicago, Illinois, 11/28/1999 - 12/03/1999

Winkler TA, Mathews VP, The choroid plexus: anatomy and pathologic processes involving the choroid plexus, The 38th Annual Meeting of the American Society of Neuroradiology, Atlanta, Georgia, 04/03/2000 - 04/08/2000

Hemmerlein JB, Mathews VP, Phillips MD, Jackson CV, Lowe MJ, Muegge LP, Bailey BB, Shelter TJ, MR imaging of acute experimental cerebral ischemia, The 38th Annual Proceedings of the American Society of Neuroradiology, Atlanta, Georgia, 04/03/2000 - 04/08/2000

Hemmerlein JB, McGraw P, Mathews VP, Imaging of the meninges: normal anatomy and pathologic states, The 38th Annual Meeting of the American Society of Neuroradiology, Atlanta, Georgia, 04/03/2000 - 04/08/2000

Winkler TA, Mathews VP, The choroid plexus: anatomy and pathologic processes involving the choroid plexus, The 100th Annual Meeting of the American Roentgen Ray Society, Washington, DC, 05/07/2000 - 05/12/2000

Hemmerlein JB, McGraw P, Mathews VP, Imaging of the meninges: normal anatomy and pathologic states, The 100th Annual Meeting of the American Roentgen Ray Society, Washington, DC, 05/07/2000 - 05/12/2000

Hemmerlein JB, Mathews VP, Phillips MD, Jackson CV, Lowe MJ, Muegge LP, Bailey BB, Shelter TJ, MR imaging of acute experimental cerebral ischemia, The 86th Annual Meeting of the Radiological Society of North America, Chicago, Illinois, 11/26/2000 - 12/01/2000

Lowe MJ, Phillips MD, Mattson DH, Mathews VP, Dziedzic M, Loss of functional connectivity in patients with advanced multiple sclerosis (MS), The 86th Annual Meeting of the Radiological Society of North America, Chicago, Illinois, 11/26/2000 - 12/01/2000

Mathews VP, Rydberg J, Shah MV, Phillips MD, Caldemeyer KS, Lurito JL, Cervical radiculopathy: evaluation with contrast-enhanced multi-slice helical CT and MR, The 86th Annual Meeting of the Radiological Society of North America, Chicago, Illinois, 11/26/2000 - 12/01/2000

Phillips MD, Lurito JT, Dziedzic M, Lowe MJ, Wang Y, Mathews VP, Temporal lobe activation demonstrates gender-based differences during passive listening, The 86th Annual Meeting of the Radiological Society of North America, Chicago, Illinois, 11/26/2000 - 12/01/2000

Masood P, Mathews VP, Imaging of suprasellar region: embryology, anatomy, and pathology, The 86th Annual Meeting of the Radiological Society of North America, Chicago, Illinois, 11/26/2000 - 12/01/2000

Mathews VP, Rydberg J, Shah MV, Lurito JL, Phillips MD, Caldemeyer KS, Contrast-enhanced multi-slice helical CT and MR for cervical radiculopathy, The 86th Annual Meeting of the Radiological Society of North America, Chicago, Illinois, 11/26/2000 - 12/01/2000

Masood P, Betz WB, Mathews VP, Supratentorial cystic lesions: Embryology, anatomy and imaging, American Society of Neuroradiology 39th Annual Meeting, Boston, MA, 04/23/2001 - 04/27/2001

Mahmoud SY, Mathews VP, Phillips MD, Jones CT, Roos KL, Acute disseminated encephalomyelitis: conventional MR imaging and diffusion imaging findings, American Society of Neuroradiology 39th Annual Meeting, Boston, MA, 04/23/2001 - 04/27/2001

Masood P, Betz WB, Mathews VP, Infratentorial Cystic Lesions: A review of embryology, anatomy and pathologies, American Society of Neuroradiology 39th Annual Meeting, Boston, MA, 04/23/2001 - 04/27/2001

Masood P, Betz WB, Mathews VP, Infratentorial Cystic Lesions: A review of embryology, anatomy and pathologies, The 101st Annual Meeting of the American Roentgen Ray Society, Seattle, Washington, 04/29/2001 - 05/04/2001

Masood P, Betz WB, Mathews VP, Vascular lesions of the CNS: Classification, imaging and intervention, The 101st Annual Meeting of the American Roentgen Ray Society, Seattle, Washington, 04/29/2001 - 05/04/2001

Masood P, Betz WB, Mathews VP, Supratentorial cystic lesions: Embryology, anatomy and imaging, The 101st Annual Meeting of the American Roentgen Ray Society, Seattle, Washington, 04/29/2001 - 05/04/2001

Masood P, Mathews VP, Hyperintense Signal Abnormality in Subarachnoid Spaces and Basal Cisterns: Fluid-attenuated Inversion Recovery, The 87th Annual Meeting of the Radiological Society of North

America, Chicago, Illinois, 11/25/2001 - 11/30/2001  
 Masood P, Betz WB, Mathews VP, Jamal T, Meninges: Anatomy and Pathology, The 102nd Annual Meeting of the American Roentgen Ray Society, Atlanta, Georgia, 04/28/2002 - 05/03/2002  
 Masood P, Betz WB, Mathews VP, Jamal T, Cranial Nerve: Anatomy, Development and Pathologies, The 102nd Annual Meeting of the American Roentgen Ray Society, Atlanta, Georgia, 04/28/2002 - 05/03/2002  
 Masood P, Mathews VP, Gaerte SC, Imaging of Fat Containing Lesions of Neural Origin, The 88th Scientific Assembly and Annual Meeting of the Radiological Society of North America, Chicago, Illinois, 12/01/2002 - 12/06/2002  
 Kelly T, Mathews V, Khalil S, Vidmar A, Palasis S, Is It Polio? MR Imaging of Pediatric Spinal Cord Infections, American Society of Neuroradiology 53rd Annual Meeting, Chicago, IL, 04/25/2015 - 04/30/2015

#### **COMMITTEE SERVICE:**

##### **Medical College of Wisconsin**

2014 - 2018 Finance Committee, Medical College Physicians  
 2014 - Present Executive Committee of the Faculty, Medical College of Wisconsin  
 2014 - Present Clinical Chairs Committee, Medical College of Wisconsin  
 2014 - 2015 Senior Vice President of Administration and Finance Search Committee, Medical College of Wisconsin  
 2014 - 2015 Affiliate Funds Flow Subcommittee, Medical College Physicians  
 2014 - 2015 Chair, Radiation Oncology Chair Search Committee, Medical College of Wisconsin  
 2015 - Present Incentive Review Committee, Medical College of Wisconsin  
 2015 - Present Population Health, Medical College Physicians  
 2016 - Present Board, Medical College Physicians  
 2016 - Present Finance Committee, Medical College of Wisconsin  
 2016 - Present Executive Committee, Medical College Physicians  
 2016 - Present Chair, Finance Committee, Medical College Physicians  
 2016 - Present Institutional Financial Advisory Committee, Medical College of Wisconsin  
 2018 - 2020 Board of Trustees, Medical College of Wisconsin  
 02/11/2019 - 02/21/2019 Funds Flow Review Workgroup, Medical College of Wisconsin

##### **Hospital**

2014 - Present Alternate, IT Advisory Committee, Froedtert Hospital  
 2014 - Present Hospital Advisory Committee, Froedtert Hospital  
 2014 - Present IT Steering Committee, Froedtert Hospital  
 2016 - Present Hospital Medical Executive Committee, Froedtert Hospital  
 2016 - Present Ambulatory Service Steering Committee, Froedtert and the Medical College  
 2018 - Present Community Physicians Finance and Operations Committee, Froedtert and the Medical College  
 2018 - Present Acute Care Distribution Strategy Advisory Committee, Froedtert and the Medical College  
 2018 - Present Community Physicians Finance Board, Froedtert and the Medical College  
 02/06/2019 - Present CIN CI Committee, Froedtert Hospital

#### **EXTRAMURAL TEACHING:**

##### **Continuing Medical Education**

09/12/1996 Indiana University School of Medicine, Lecturer, Skull Base 1996 Conference  
 02/23/1997 - 02/28/1997 Lecturer, MRI Update 1997, Tucson, AZ  
 04/16/1997 International Society of Magnetic Resonance in Medicine, Lecturer. Vancouver, British Columbia  
 05/20/1997 American Society of Neuroradiology, Lecturer  
 04/17/1998 Boston University, Lecturer. Musculoskeletal and Neurologic MR course  
 10/03/1998 Indiana University School of Medicine, Lecturer. Clinical Syndromes of Infarction and other Anatomic Lesions of the Basal Forebrain and Deep Gray Matter  
 10/10/1998 - 10/11/1998 Co-course Director and Lecturer. ACR Update

03/09/1999 - 03/13/1999 Lecturer. UCSF Imaging Update  
 1999 - 2002 Lecturer (Annual), Radiological Society of North America Refresher Course  
 04/02/2000 American Society of Neuroradiology, Lecturer. Neuroradiology in the Next Millennium Symposium, Integrating Neuroanatomy and fMRI of Language Localization  
 10/12/2000 - 10/15/2000 The International Institute for Continuing Medical Education, Lecturer. MRI Head to Toe: A Practical Course  
 11/26/2000 - 12/01/2000 RSNA, Co-Director. Neuroradiology Categorical Course  
 04/23/2001 - 04/27/2001 American Society of Neuroradiology, Lecturer. Advanced Imaging Seminar – fMRI  
 04/19/2002 Lecturer. 25th Annual Arthur B. Richter Conference in Child Psychiatry  
 02/22/2003 - 02/23/2003 Armed Forces Institute of Pathology, Lecturer. Annual Neuroradiology Course  
 05/20/2004 - 05/21/2004 Indiana Neuroscience Institute, Lecturer. Neuroscience Symposium  
 04/11/2005 - 04/14/2005 Lecturer. MSK and Neuroradiological Imaging: A Practical Update  
 2005 - 2014 Lecturer (Annual), Radiological Society of North America Refresher Course

## **EXTRAMURAL STUDENTS, FACULTY, RESIDENTS, AND CLINICAL/RESEARCH FELLOWS**

### **MENTORED:**

#### **Clinical/Research Fellows**

1995 - 1996 Carla Brumbaugh, Clinical Mentorship, Indiana University  
 1995 - 1996 James Carrico, Clinical Mentorship, Indiana University  
 1996 - 1998 Staci Greenspan, Clinical Mentorship, Indiana University  
 1996 - 1997 Mary Lynne Wolfe, Clinical Mentorship, Indiana University  
 1996 - 1997 Christina Shinaver, Clinical Mentorship, Indiana University  
 1996 - 1998 Matthew White, Clinical Mentorship, Indiana University  
 1997 - 1998 Craig Bruner, Clinical Mentorship, Indiana University  
 1997 - 1999 Timothy Bernauer, Clinical Mentorship, Indiana University  
 1997 - 1999 Neal Abdullah, Clinical Mentorship, Indiana University  
 1998 - 2000 Michael Willson, Clinical Mentorship, Indiana University  
 1998 - 1999 Parvez Masood, Clinical Mentorship, Indiana University  
 1999 - 2000 Ravi Yarlagadda, Clinical Mentorship, Indiana University  
 1999 - 2001 Jeff Hemmerlein, Clinical Mentorship, Indiana University  
 1999 - 2001 Todd Winkler, Clinical Mentorship, Indiana University  
 2000 - 2001 Peter Stangas, Clinical Mentorship, Indiana University  
 2000 - 2002 Konstantin Chernukha, Clinical Mentorship, Indiana University  
 2001 - 2002 Alan Reeves, Clinical Mentorship, Indiana University  
 2001 - 2003 Shane Rose, Clinical Mentorship, Indiana University  
 2001 - 2002 Shi-Yu Chen, Clinical Mentorship, Indiana University  
 2001 - 2002 Shamim Dada, Clinical Mentorship, Indiana University  
 2001 - 2002 David Brummett, Clinical Mentorship, Indiana University  
 2002 - 2003 Maria Dolar, Clinical Mentorship, Indiana University  
 2002 - 2003 Rajeev Anugu, Clinical Mentorship, Indiana University  
 2002 - 2003 Connie Gapinski, Clinical Mentorship, Indiana University  
 2002 - 2003 Juan Tejada, Clinical Mentorship, Indiana University

### **PROGRAM MODERATOR:**

1993 Wake Forest Radiology Summer Continuing Education Meetings  
 1993 - 2010 American Society of Neuroradiology Scientific Program  
 1994 Wake Forest Radiology Winter Continuing Education Meeting  
 1995 - 2008 Radiological Society of North America Scientific Program  
 1995 Wake Forest Radiology Summer Continuing Education Meetings  
 1998 American College of Radiology, Imaging Update

## **BIBLIOGRAPHY**

### **Refereed Journal Publications/Original Papers**

1. Mathews VP, Kuharik MA, Edwards MK, D'Amour PG, Azzarelli B, Dreesen RG. Gadolinium enhanced MR imaging of experimental bacterial meningitis: evaluation and comparison with CT. *AJNR* 1988; 9:1045-1050.
2. Mathews VP, Kuharik MA, Edwards MK, D'Amour PG, Azzarelli B, Dreesen RG. Dyke award. Gd-DTPA-enhanced MR imaging of experimental bacterial meningitis: evaluation and comparison with CT. *AJR Am J Roentgenol.* 1989 Jan;152(1):131-6.
3. Krohn KD, Brandt KD, Braunstein E, Mathews V. Hereditary symphalangism. Association with osteoarthritis. *J Rheumatol.* 1989 Jul;16(7):977-82.
4. McGhee RB Jr, Mathews V, Carter BC. Diabetic female with altered neurological status. *Invest Radiol.* 1990 Jan;25(1):82-4.
5. Mathews VP, Broome DR, Smith RR, Bognanno JR, Einhorn LH, Edwards MK. Neuroimaging of disseminated germ cell neoplasms. *AJNR Am J Neuroradiol.* 1990;11(2):319-24. PMID: PMC8334683
6. Mathews VP, Broome DR, Smith RR, Bognanno JR, Einhorn LH, Edwards MK. Neuroimaging of disseminated germ cell neoplasms. *AJR Am J Roentgenol.* 1990 Jun;154(6):1299-304.
7. Mathews VP, Smith RR. Choroid plexus infections: neuroimaging appearances of four cases. *AJNR Am J Neuroradiol.* 1992;13(1):374-8. PMID: PMC8331768
8. Conturo TE, Barker PB, Mathews VP, Monsein LH, Bryan RN. MR imaging of cerebral perfusion by phase-angle reconstruction of bolus paramagnetic-induced frequency shifts. *Magn Reson Med.* 1992 Oct;27(2):375-90.
9. Mathews VP, Alo PL, Glass JD, Kumar AJ, McArthur JC. AIDS-related CNS cryptococcosis: radiologic-pathologic correlation. *AJNR Am J Neuroradiol.* 1992;13(5):1477-86. PMID: PMC8335225
10. Barker PB, Soher BJ, Blackband SJ, Chatham JC, Mathews VP, Bryan RN. Quantitation of proton NMR spectra of the human brain using tissue water as an internal concentration reference. *NMR Biomed.* 1993;6(1):89-94.
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#### **Database, Video, or Other Research/Clinical Contributions**

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