

CURRICULUM VITAE

Darren P. O'Neill MD

**Interim Chair, Associate Professor
Department of Radiology**

OFFICE ADDRESS:

9200 West Wisconsin Avenue

Milwaukee, WI 53226

EDUCATION:

1991 - 1995 Bachelor of Science in Electrical Engineering; Summa Cum Laude, University of Notre Dame, Notre Dame, IN

1997 - 2001 Doctor of Medicine, Medical College of Wisconsin, Milwaukee, WI

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

2001 - 2002 Transitional Year Internship, Gundersen Lutheran Hospital, La Crosse, WI

2002 - 2006 Diagnostic Radiology Residency, Indiana University School of Medicine, Indianapolis, IN

2005 - 2006 Neuroradiology Mini-Fellowship, Indiana University School of Medicine, Indianapolis, IN

2006 - 2007 Neuroradiology Fellowship, Indiana University School of Medicine, Indianapolis, IN

2009 - 2010 Faculty Development Program, Radiology and Imaging Sciences, Indiana University, Indianapolis, IN

2010 - 2011 Indiana Healthcare Leadership Academy, IU Health / IU School of Medicine, Indianapolis, IN

2017 National Coalition Building Institute Welcoming Diversity Exposure Workshop, Medical College of Wisconsin, Milwaukee, WI

FACULTY APPOINTMENTS:

2007 - 2016 Assistant Professor of Clinical Radiology, Indiana University School of Medicine, Indianapolis, IN

2016 - 2017 Assistant Professor of Clinical Neurological Surgery, Indiana University School of Medicine, Indianapolis, IN

2017 - Present Associate Professor of Radiology, Medical College of Wisconsin, Milwaukee, WI

ADMINISTRATIVE APPOINTMENTS:

2011 - 2016 Section Chief of Neuroradiology, Radiology, Indiana University, Indianapolis, IN

2019 - Present Vice-Chair of Clinical Operations; Diagnostic Imaging Services, Radiology, Medical College of Wisconsin, Milwaukee, WI

07/01/2025 - Present Interim Chair of Radiology, Radiology, Medical College of Wisconsin, Milwaukee, WI

HOSPITAL AND CLINICAL ADMINISTRATIVE APPOINTMENTS:

2017 - Present Medical Director of Community; Hospital Division, Radiology, Medical College of Wisconsin, Milwaukee, WI

HOSPITAL STAFF PRIVILEGES:

2007 - 2016 IU Health North Hospital

2007 - 2016 IU Health University Hospital

2007 - 2016 Wishard Memorial Hospital

2007 - 2016 IU Health West Hospital

2007 - 2016 Richard L. Roudebush VA Medical Center

2007 - 2016 IU Health Methodist Hospital

2007 - 2016 Riley Hospital for Children
 2009 - 2016 IU Health Blackford Hospital
 2009 - 2016 IU Health Arnett Hospital
 2009 - 2016 IU Health Ball Memorial Hospital
 2011 - 2016 IU Health Saxony Hospital
 2012 - 2016 IU Health Tipton Hospital
 2017 - Present Froedtert Hospital Community Memorial Hospital, Milwaukee, WI

SPECIALTY BOARDS AND CERTIFICATION:

<u>Board Certified</u>	<u>Issue Date</u>	<u>Expiration</u>
Radiology Board Certification	2006	None
Certificate of Added Qualification in Neuroradiology	2009	None

<u>Licensure</u>	<u>Number</u>	<u>Issue Date</u>	<u>Expiration</u>
State of Indiana Medical Licensure		2002	None
State of Wisconsin Medical Licensure		2017	None

AWARDS AND HONORS:

05/1995 Steiner Prize Recipient, University of Notre Dame
 05/1995 IE Everitt Award, University of Notre Dame
 05/2009 Heun Y. Yune Faculty Teaching Award, IU Department of Radiology and Imaging Sciences
 05/2011 Extra-Mile Award for Clinical Innovation, IU Department of Radiology and Imaging Sciences
 05/2013 Trustee Teaching Award , Indiana University Board of Trustees
 05/2014 Extra-Mile Award for Clinical Service, IU Department of Radiology and Imaging Sciences
 05/2015 Extra-Mile Award for Clinical Service, IU Department of Radiology and Imaging Sciences
 04/2017 ASNR award - Selected for Neurographics article, American Society of Neuroradiology (ASNR)
 Annual Meeting
 06/02/2018 - 06/07/2018 Invitation to publish review article based on Educational poster exhibit "Subcortical
 U-Fibers: Signposts to the Diagnosis of White Matter Disease", American Society of Neuroradiology
 (ASNR) Annual Meeting, Vancouver, BC
 06/2018 W. Douglas Brown Mentorship Award, MCW Department of Radiology
 2019 W. Douglas Brown Mentorship Award in Neuroradiology, Medical College of Wisconsin
 2020 Cum Laude award for educational exhibit "The Glymphatic system : Current concepts and role in CNS
 disease" D Bhalla, AP Klein, M Agarwal, American Society of Neuroradiology (ASNR)

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

2009 - 2016 Indiana University Center for Neuroimaging (Member)
 2010 - 2016 Indiana Alzheimer Disease Center (IADC) (Member)
 American Roentgen Ray Society (Member)
 American Society of Functional Neuroradiology (Member)
 American College of Radiology (Member)
 American Society of Neuroradiology (Member)
 Radiological Society of North America (Member)
 Indiana State Medical Association (Member)

EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:

Editorship
 2011 Roos K., O'Neill D. et al. Netter Atlas, Nervous System. Co-editor of Infectious Diseases Section.
 2011.

LOCAL/REGIONAL APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

2011 - 2016 Practice Operations Council Member, Practice Operations Council, Indiana Radiology Partners
 2011 - 2016 Neuroscience Center Executive Committee Member, Neuroscience Center Executive Committee, IU Health
 2014 - 2016 Member, Brain and Beyond: Neuroscience Fair Committee, Indiana University Health
 2022 - Present Member, Revised Radiology Practice Operations Council (RadPAC) Structure

NATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

2014 - 2021 Appointed Member, Neuroradiology Subcommittee of the Education Exhibits Committee (EEC), Radiological Society of North America
 2017 - 2019 Member, RSNA Education Exhibits Committee [EEC], RSNA

RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:

Prior

Peer Review

Title:	Title: Advanced MRI Applications for Mild Traumatic Brain Injury – Phase 2
Source:	GE Healthcare
Role & Effort:	Co-Investigator
PI:	Michael McCrea, PhD
Dates:	11/20/2015 - Present
Direct Funds:	\$821,650

Title:	Quantitative MRI of the Post-Injury Instrumented Spinal Cord
Source:	Department of Defense
Role & Effort:	Co-Investigator
PI:	Kevin Koch, PhD
Dates:	08/01/2019 - 07/21/2022
Direct Funds:	\$700,000

Title:	Computed Assisted Decision Making Support Platform for Unruptured Intracranial Aneurysm
Source:	VASOGNOSIS/National Science Foundation
Role & Effort:	Co-Investigator
Dates:	01/01/2020 - 06/30/2020
Direct Funds:	\$30,000

Non-Peer Review

Title:	Effect of Family History on Cortical GABA Levels in Panic Disorder
Role & Effort:	Co-Investigator
PI:	Goddard, A

Title:	A randomized, double-blind, double-dummy, parallel-group study comparing the efficacy and safety of ofatumumab versus teriflunomide in patients with relapsing multiple sclerosis
Role & Effort:	Co-investigator
PI:	Mattson

Title:	A phase II, multicenter, open-label, long-term treatment study to determine the safety, tolerability, and efficacy of
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Role & Effort: PI:	AAB-001 (ELN115727) in patients with Alzheimer's disease Co-investigator McLennan, G.
Title:	A Multicenter, Randomized, Rater-Blind, Parallel-Group, Active-Controlled Study to Evaluate the Benefits of Switching Therapy (Glatiramer Acetate or Interferon γ -1a) to Natalizumab in Subjects with Relapsing/Remitting Multiple Sclerosis
Role & Effort: PI:	Co-investigator Mattson
Title:	Performance of "SmartRisk" Prediction of Stroke and Stroke-related Events in Carotid Atherosclerosis: An MR carotid plaque imaging study
Source: Role & Effort:	Sponsored by VPDiagnostics, Inc Primary Investigator
Title:	Imaging late cognitive effects of ALL chemotherapy in the developing brain: A structural and functional MRI study
Role & Effort: PI:	Co-investigator McDonald, B.
Title:	A Double-Blind, Placebo-Controlled Study of the Safety and Efficacy of ONO-4641 in Patients with Relapsing-Remitting Multiple Sclerosis
Role & Effort: PI:	Co-investigator Mattson
Title:	Dynamic Pulsed Arterial Spin Labeling Perfusion MR Imaging Using 32-Channel Coil
Role & Effort: PI:	Co-investigator Wang, Y
Title:	Neural Correlates of Emotion Dysregulation in Youth at Risk for Substance Abuse
Role & Effort: PI:	Co-investigator Hulverson, L.
Title:	A Phase 1/2 Randomized, Dose-finding Study of MEDI-551 in Subjects with Relapsing-Remitting Multiple Sclerosis
PI:	Mattson
Title:	26-week Safety and Efficacy Extension Study of ONO-4641 in Patients with Relapsing-Remitting Multiple Sclerosis
Role & Effort: PI:	Co-investigator Mattson

Title: Multicenter, Double-blind, Randomized, Parallel-group, Monotherapy, Active-control Study to Determine the Efficacy and Safety of Daclizumab High Yield Process (DAC HYP) versus AVONEX® (Interferon γ 1a) in Patients with Relapsing-Remitting Multiple Sclerosis
 Role & Effort: Co-investigator
 PI: Mattson

Title: Integration of Patient-specific Computational Hemodynamics and Vessel Wall Shear Stress Analysis into Diagnostic MRI of Vascular Diseases
 Role & Effort: Co-investigator
 PI: Kralik

Title: Neural Basis of Cognitive Changes after TBI in Children, Adolescents, and Young Adults
 Role & Effort: Co-investigator
 PI: McDonald, B

Title: A Multinational, Multicenter, Randomized, Parallel-Group Study Performed in Subjects with Relapsing-Remitting Multiple Sclerosis (RRMS) to Assess the Efficacy, Safety and Tolerability of Laquinimod Over Placebo in a Double-blind Design and of a Reference Arm of Interferon γ 1a (Avonex®), in a Rater-blinded Design
 Role & Effort: Co-investigator
 PI: Mattson

Title: Dominantly Inherited Alzheimer's Network (DIAN) study
 Role & Effort: Co-investigator
 PI: Ghetti, B., Saykin, A.

Title: A multinational, multicenter, open-label, single-assignment extension of the MS-LAQ-302 (BRAVO) study, to evaluate the long-term safety, tolerability and effect on disease course of daily oral laquinimod 0.6 mg in subjects with relapsing multiple sclerosis
 Role & Effort: Co-investigator
 PI: Mattson

Title: Structural and Functional Brain Imaging and Neurocognitive Assessment in Childhood Epilepsy
 Role & Effort: Co-investigator
 PI: McDonald, B.

Title:	Alzheimer's Disease Neuroimaging Initiative (ADNI) study
Role & Effort:	Co-investigator
PI:	Saykin A
Title:	Effect of Family History of Panic on Cortical GABA Levels in Panic Disorder.
Role & Effort:	Co-investigator
PI:	Goddard, A.
Title:	Cognitive Effects of Breast Cancer Treatment: A Brain Imaging Study
Role & Effort:	Co-investigator
PI:	Saykin, A.
Title:	The Impact of Methylphenidate Treatment on Emotion Regulation in ADHD: A Functional Connectivity Analysis
Role & Effort:	Co-investigator
PI:	Hulverson, L.
Title:	Normal variances in Pediatric fMRI
Role & Effort:	Co-investigator
PI:	McDonald, B.
Title:	Outcomes and Processes of Care in Intracerebral Hemorrhage
Role & Effort:	Co-investigator
PI:	Mackey
Title:	Bipolar study
Role & Effort:	Co-investigator
PI:	Anand A.
Title:	Imaging late cognitive effects of ALL chemotherapy in the developing brain: A structural and functional MRI study
Role & Effort:	Co-investigator
PI:	McDonald
Title:	Mild Cognitive Impairment (MCI) study
Role & Effort:	Co-investigator
PI:	Saykin, A.

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

National

O'Neill, DP., Managing Culture Clashes, AUR Annual Meeting 2020, *Cancelled Due to COVID-19, 04/24/2020

O'Neill, DP., Neuroradiology Quality -The Jedi Series, RAYUS Medical Directors Meeting 2023, Tampa, FL, 01/20/2023

Local

O'Neill, DP., Fundamental Clinical Brain MR Imaging – Applications and Protocols, Radiology Technologists CME conference, Indiana University Health; Methodist Hospital, 03/12/2010

O'Neill, DP., Fundamental Intracranial and Spine Imaging, Goodman Campbell Brain & Spine - Neurosurgery Conference, Indiana University Health; Methodist Hospital, 07/29/2010

O'Neill, DP., Internal Networking, Radiology Faculty Development Program, IU Department of Radiology and Imaging Sciences, 10/01/2010

O'Neill, DP., Neuroimaging of Hirayama Disease, Goodman Campbell Brain & Spine - Spine Conference, Indiana University Health; Methodist Hospital, 05/25/2011

O'Neill, DP., Fundamental Neuroradiology Cases, Goodman Campbell Brain & Spine - Spine Conference, Indiana University Health; Methodist Hospital, 07/06/2011

O'Neill, DP., Internal Networking, Radiology Faculty Development Program, IU Department of Radiology and Imaging Sciences, 10/04/2011

O'Neill, DP., Enhancement Patterns, Goodman Campbell Brain & Spine - Neurosurgery Board Review, Indiana University Health; Methodist Hospital, 03/27/2012

O'Neill, DP., Neuroimaging Case Presentation – Farewell to Arms, Grand Rounds Presentation, Indiana University Health Neuroscience Center, 09/12/2012

O'Neill, DP., Review / Presentation of Neuroimaging QA cases, Neuroradiology Quality Assurance Conference, Indiana University Health Neuroscience Center, 09/27/2012

O'Neill, DP., Neuroimaging of Intramedullary Neoplasms, Neurosurgery Grand Rounds Presentation, Indiana University Health Neuroscience Center, 11/07/2012

O'Neill, DP., Case Presentation of Primary Intracranial Lymphoma, Multidisciplinary CPC Grand Rounds Presentation, Indiana University Health Neuroscience Center, 11/07/2012

O'Neill, DP., Imaging Fundamentals and Leading-Edge Approaches, Course Co-Director for CME event, Indiana University Health Neuroradiology Symposium, 01/25/2013

O'Neill, DP., Advanced Imaging: fMRI and DTI applications / considerations, IU Law School Medicolegal Curriculum Presentation, Indiana University Health Neuroscience Center, 02/05/2013

O'Neill, DP., Interesting Spine Neuroimaging Case Presentation, Spine Grand Rounds, Indiana University Health Neuroscience Center, 04/24/2013

O'Neill, DP., Clinical Neuroradiology – Imaging Anatomy and Clinical Correlations, Invited Lecturer, Indiana University Health Neuroanatomy Center, 08/27/2013

O'Neill, DP., Neuroimaging of Spinal Epidural Abscess, Invited Lecturer, Indiana University Health Neuropsychology, 10/23/2013

O'Neill, DP., Presurgical Planning with Advanced Imaging Applications for Multicentric Glioma, Multidisciplinary CPC Grand Rounds Presentation, Indiana University Health Neuroscience Center, 02/12/2014

O'Neill, DP., Atypical case of Intravascular Lymphoma, Multidisciplinary CPC Grand Rounds Presentation, Indiana University Health Neuroscience Center, 02/26/2014

O'Neill, DP., Establishing Neuroimaging Biomarkers in TBI for Clinical Protocol Development: Study of NFL Combine Athletes using Siemens Prisma Applications. Yang Wang, Kristine Mosier, Invited presentation for Siemens Research Team, Indiana University Health Neuroscience Center, 03/17/2014

O'Neill, DP., Nomenclature / Classification of Degenerative Disc Pathology, Invited lecturer for CME event, Indiana University Health Spine Symposium, 05/16/2014

O'Neill, DP., Clinical Neuroradiology – Anterior Circulation, Invited Lecturer, Indiana University Health Neuroanatomy Course, 07/16/2014

O'Neill, DP., Clinical Neuroradiology –Anatomy and Clinical Correlations, Invited Lecturer, Indiana University Health Neuroanatomy Course, 08/21/2014

O'Neill, DP., Frankfort High School – Introduction to Neuroscience Fair, Brain and Beyond – Invited speaker, Indiana University Neuroscience, 10/06/2014

O'Neill, DP., Avon High School – Introduction to Neuroscience Fair, Brain and Beyond – Invited Speaker, Indiana University Neuroscience, 10/06/2014

O'Neill, DP., Neuroimaging Case Selection, Neurology ABPN Board Certification exam, Indiana University Neuroscience, 10/07/2014

O'Neill, DP., Imaging of Neurotrauma, Lecturer for CME event, Indiana University Health Neurotrauma Symposium, 10/10/2014

O'Neill, DP., Fundamental Neuroradiology Cases, Goodman Campbell Brain & Spine - Neurosurgery Conference, Indiana University Health Neuroscience Center, 05/13/2015

O'Neill, DP., Clinical Neuroradiology Cases with Anatomic Correlation, Invited Lecturer, Indiana University Health Neuroanatomy Course, 08/24/2015

O'Neill, DP., Clinical Neuroradiology – Anterior and Posterior Circulation, Invited Lecturer, Indiana

PEER REVIEWED WORKSHOPS/PRESENTATIONS:

International

- Wang, Y., O'Neill, D., et al., Evaluation of Salience Network Connectivity Recovery in Subacute Pediatric Sports-Related Concussion, International Conference on Paediatric Acquired Brain Injury, Liverpool, England, 04/16/2015 - 04/18/2015
- McDonald, B., O'Neill, D., et al., Altered Working Memory Activation after Pediatric Sports-Related Concussion: Relationship to Postconcussive Symptoms and Task, International Conference on Paediatric Acquired Brain Injury, Liverpool, England, 09/16/2015 - 09/18/2015
- Shannon L. Risacher, John D. West, Brenna C. McDonald, Eileen F. Tallman, Pratik K. Gandhi, Bradley S. Glazier, Sujuan Gao, Steve A. Brown, Darren P. O'Neill, Ryan M. Crosbie, Jared R. Brosch, Fredrick W. Unverzagt, Liana G. Apostolova, Martin R. Farlow, Andrew J. Saykin, Association of the Cognitive Change Index with Hippocampal Subfield Volumes, Alzheimer's Association International Conference, Toronto, Ontario, Canada, 07/23/2016 - 07/28/2016
- Shannon L. Risacher, John D. West, Brenna C. McDonald, Eileen F. Tallman, Pratik K. Gandhi, Bradley S. Glazier, Sujuan Gao, Steve A. Brown, Darren P. O'Neill, Ryan M. Crosbie, Jared R. Brosch, Fredrick W. Unverzagt, Liana G. Apostolova, Martin R. Farlow, Andrew J. Saykin, Scene Encoding fMRI in an Alzheimer's Disease Cohort, Alzheimer's Association International Conference, Toronto, Ontario, Canada, 07/23/2016 - 07/28/2016
- John D. West, Shannon L. Risacher, Pratik K. Gandhi, Yu-ChienWu, Eileen F. Tallman, Brenna C. McDonald, Liana G. Apostolova, Martin R. Farlow, Jared R. Brosch, Darren P. O'Neill, SujuanGao, Steve A. Brown, Bradley S. Glazier, Frederick W. Unverzagt, Danny Wang, Andrew J. Saykin, Elevated Cerebral Blood Flow in Participants with Subjective Cognitive Decline, Alzheimer's Association International Conference, Toronto, Ontario, Canada, 07/23/2016 - 07/28/2016
- John D. West, Shannon L. Risacher, Pratik K. Gandhi, Yu-ChienWu, Eileen F. Tallman, Brenna C. McDonald, Liana G. Apostolova, Martin R. Farlow, Jared R. Brosch, Darren P. O'Neill, SujuanGao, Steve A. Brown, Bradley S. Glazier, Frederick W. Unverzagt, Danny Wang, Andrew J. Saykin, Association between N-Back Working Memory Activation on fMRI and Cognitive Assessment of Executive Function, Alzheimer's Association International Conference, Toronto, Ontario, Canada, 07/23/2016 - 07/28/2016
- Mohit Agarwal, MD, John Ulmer, MD, Darren O'Neill, MD, Andrew Klein, MD, Leighton Mark, MD, Vince Mathews, MD, Elton Mustafaraj, MD, Hypertrophic Olivary Degeneration, ECR Annual Meeting 2018, Vienna, Austria, 02/28/2018 - 03/04/2018

National

- Wang, Y., Mosier, K., Saykin A., O'Neill, D., et al, Using Susceptibility-weighted Imaging to Improve Spatial Specificity of Functional Activation in Presurgical Planning, Radiological Society of North America Conference, Chicago, IL, 11/29/2009 - 12/04/2009
- Ahmed, A., Burshe D., Douglas-Akinwande, A., O'Neill, D., et al., Comparison of lumbar spine visualization with T2 weighted 3-D SPACE and 2-D FSE sequences, American Society of Spine Radiology Conference, Las Vegas, NV, 02/18/2010 - 02/21/2010
- Mackey J, Tormoehlen LM, Blatsioris AD, Moser EAS, Carter RJL, Reagan Secrest A, Hulin AL, O'Neill DP, Cohen-Gadol AA, Leipzig TJ, Williams LS., Poor Guideline Adherence in Testing for Drugs of Abuse in Intracerebral Hemorrhage., 6th Annual Indiana CTSI Meeting, Indianapolis, IN, 09/26/2014
- Mackey J, Tormoehlen LM, Blatsioris AD, Moser EAS, Carter RJL, Reagan Secrest A, Hulin AL, O'Neill DP, Cohen-Gadol AA, Leipzig TJ, Williams LS., Disparities and Poor Guideline Adherence in Testing for Drugs of Abuse in Intracerebral Hemorrhage, International Stroke Conference, Nashville, TN, 02/11/2015 - 02/13/2015
- Tormoehlen LM, Blatsioris AD, Moser EAS, Carter RJL, Reagan Secrest A, Hulin AL, Stevenson A, O'Neill DP, Cohen-Gadol AA, Leipzig TJ, Williams LS, Mackey J, Blood Pressure Effects of Labetalol in Sympathomimetic-associated Intracerebral Hemorrhage: A Case Series, 2015 American College of Medical Toxicology Annual Scientific Meeting, Clearwater Beach, FL., 03/27/2015 - 03/29/2015
- Laura M. Tormoehlen, Ashley D. Blatsioris, Elizabeth A. S. Moser, Ravan J.L. Carter, Angie Reagan Secrest, Abigail L. Hulin, Alec Stevenson, Darren P. O'Neill, Aaron A. Cohen-Gadol, Thomas J. Leipzig, Linda S. Williams, Jason Mackey, Blood Pressure Effects of Labetalol in Sympathomimetic-associated

- Intracerebral Hemorrhage: A Case Series, American Academy of Neurology: 2015 Annual Meeting, Washington, DC., 04/18/2015 - 04/25/2015
- Mackey J, Blatsioris AD, Moser EAS, Carter RJL, Secrest AR, Hulin AL, O'Neill DP, Cohen-Gadol AA, Leipzig TJ, Williams LS., Prophylactic Anticonvulsants in Intracerebral Hemorrhage, 2015 American Academy of Neurology Annual Meeting, Washington, DC., 04/18/2015 - 04/25/2015
- Murph, D., Kralik, S. O'Neill, D. et al., Diagnosis of Spinal Arteriovenous Fistulae using 3D T2-Weighted, ASNR 53rd Annual Meeting, Chicago, IL, 04/25/2015 - 04/30/2015
- Mehta, P., Kralik, S. O'Neill, D. et al., Diagnosing CNS vasculitis: CTA versus Conventional Angiography, ASNR 53rd Annual Meeting, Chicago, IL, 04/25/2015 - 04/30/2015
- Mackey J, O'Connor KF, Blatsioris AD, Moser EAS, Ofner S, Carter RJL, Stevenson A, Hulin AL, O'Neill DP, Cohen-Gadol AA, Leipzig TJ, Woo D, Kidwell CS, Williams LS., Predictors of Diffusion-Weighted Imaging Lesions and One-Year Case-Fatality in Intracerebral Hemorrhage, 2016 International Stroke Conference, Los Angeles, CA, 02/16/2016 - 02/19/2016
- Blatsioris AD, Moser EAS, Stevenson A, Carter RJL, Ofner S, Hulin AL, O'Neill DP, Cohen-Gadol AA, Leipzig TJ, Williams LS, Mackey J., Predictors of Percutaneous Endoscopic Gastrostomy in Intracerebral Hemorrhage, 2016 Quality of Care and Outcomes Research Scientific Sessions, Phoenix, AZ., 04/02/2016 - 04/03/2016
- Kalen Riley, MD, Darren O'Neill, MD, Stephen F. Kralik, MD, Subcortical U-Fibers: Signposts to the Diagnosis of White Matter Disease, ASNR Annual Meeting, Long Beach, CA, 11/08/2017 - 11/10/2017

Regional

- Steenburg, SD., Whitesell, R., Leatherwood, DL., Harned, EM., Kralik, SF., O'Neill, DP., Multi-Detector Computed Tomography of Globe Injuries-Imaging Review, Pearls and Pitfalls, RSNA Annual Meeting, Chicago, IL, 12/01/2014 - 12/05/2014
- Murph, D., Kralik, S. O'Neill, D. et al., Illustrative Cases in Spinal Angiography: The Spinal Arteriovenous Fistulae and Arteriovenous Malformations, ASNR 53rd Annual Meeting, Chicago, IL., 04/25/2015 - 04/30/2015
- Seltman TA, O'Neill DP, Koontz NA, Mucopolysaccharidosis Type VI Mimicking Acute Epidural Hematoma, ASNR 54th Annual Meeting, Washington, DC, 05/23/2016 - 05/26/2016

COMMITTEE SERVICE:

Medical College of Wisconsin

- 2017 - Present Member, Social/ Wellness Committee, Medical College of Wisconsin
- 2017 - 2019 Member, Clinical Operations Committee, Radiology, Medical College of Wisconsin
- 2017 - Present Member, ISQI Committee, Medical College of Wisconsin
- 2018 Member, Residency Interview Committee, Radiology, Medical College of Wisconsin
- 2018 - 2019 Member, Community Hospitals: Radiology Operations and Planning Committee, Radiology, Medical College of Wisconsin
- 2018 - 2021 Member, Clinical Operations and Planning Committee, Radiology, Medical College of Wisconsin
- 2018 - Present Member, ISQI Sub-Committee, Radiology, Medical College of Wisconsin
- 2019 Member, Imaging Utilization Committee, Medical College of Wisconsin
- 2019 Member, Workforce Development Committee, Medical College of Wisconsin
- 2019 Member, Joint Radiology Leadership Committee, Medical College of Wisconsin
- 2019 - Present Member, Compensation Committee, Medical College of Wisconsin
- 2019 - Present Member, Radiology Executive Committee, Radiology, Medical College of Wisconsin
- 2020 Member, NR Fellowship Clinical Competency, Radiology, Medical College of Wisconsin
- 2020 Member, MCW MRI Safety Committee, Radiology, Medical College of Wisconsin
- 2020 Member, Residency Program Evaluation
- 2020 R2 representative, Residency Clinical Competency, Radiology, Medical College of Wisconsin
- 2020 Member, Reimbursement Committee, Radiology, Medical College of Wisconsin
- 2020 Chair, NR Program Evaluation Committee, Radiology, Medical College of Wisconsin
- 2020 Member, Department Education Workgroup, Radiology, Medical College of Wisconsin
- 2020 - 2021 Member, Residency Program Evaluation, Radiology, Medical College of Wisconsin
- 2020 Member, Education Committee, Radiology, Medical College of Wisconsin

- 2021 - Present Member, Neuroradiology Fellowship Education Committee, Radiology, Medical College of Wisconsin
- 2022 - Present Member, MCW Radiology Informatics Committee, Radiology, Medical College of Wisconsin

Hospital

- 2010 Member, Departmental Mission / Vision Committee, Indiana University Health
- 2010 - 2016 Member, Social Committee, Indiana University Health
- 2010 - 2016 Member, PACS Planning Committee, Indiana University Health
- 2011 - 2016 Member, Productivity Committee, Indiana University Health
- 2011 - 2016 Member, Call Compensation Committee, Indiana University Health
- 2011 - 2016 Member, Practice Operations Council, Indiana University
- 2012 - 2016 Member, Harmonized Core Clinical and Research Brain MR Protocol Committee, Indiana University Health
- 2013 - 2016 Member, IUHP Transition Team, Indiana University Health
- 2014 - 2016 Member, Neuroradiology Fellowship Program Evaluation Committee, Indiana University Health
- 2014 - 2016 Member, Academic Compensation Vision Planning Committee, Indiana University Health
- 2017 - 2021 Member, Clinical Operations Committee, Froedtert Hospital
- 2018 - 2019 Member, CMH Cancer Committee, Radiology, Community Memorial Hospital
- 2018 - 2019 Member, CMH Neuro-MSK Clinical Service Unit (CSU), Radiology, Community Memorial Hospital
- 2018 - 2019 Member, SJH Stroke Program Committee, Radiology, Saint Joseph's Hospital
- 2018 - 2019 Member, Spirit of Caring Awards Selection Committee
- 2018 - 2020 Member, CHD Radiation Safety Committee, Radiology, Community Hospital Division
- 2018 - 2019 Member, CHD Trauma Multidisciplinary Review Committee, Radiology, Community Hospital Division
- 2018 - 2019 Member, SJH Cancer Committee, Radiology, Saint Joseph's Hospital
- 2018 Member, SJH Combined Services Clinical Service Unit (CSU), Radiology, Saint Joseph's Hospital
- 2018 Member, CHD OR Steering Committee, Radiology, Community Hospital Division
- 2018 - 2019 Member, SJH Medical Staff PI Committee, Radiology, Saint Joseph's Hospital
- 2018 - 2019 Member, CMH Stroke Program Committee, Radiology, Community Memorial Hospital
- 2018 - 2021 Member, IT Committee, Froedtert Hospital
- 2018 - 2019 Member, CMH Emergency Medicine and Critical Care Clinical Service Unit (CSU), Radiology, Community Memorial Hospital
- 2020 Member, Froedtert MRI Safety Committee, Radiology, Froedtert Hospital
- 2021 Member, CDI Medical Directors Council, Clinical Documentation Integrity
- 2021 - Present Member, MCP/CP Joint Workforce Planning Committee, Radiology, Froedtert & Medical College of Wisconsin
- 2021 - Present Member, Milwaukee CDI, LLC Management Committee, Radiology, RAYUS
- 2021 - Present Member, F&MCW Imaging Utilization Executive Imaging Steering Committee, Radiology, Froedtert & Medical College of Wisconsin
- 2021 - Present Member, F&MCW Radiology Operations and Planning Committee, Radiology, Froedtert & Medical College of Wisconsin
- 2021 - Present Member, MCP Compensation Committee member, Froedtert & Medical College of Wisconsin
- 2022 - Present Member, F&MCW / RAYUS Management Committee, Fordetert & Medical College of Wisconsin
- 2022 - Present Member, RAYUS National Physician Operations Council; Medical Directors Council, RAYUS
- 2022 - Present Member, Bluemound Planning Workgroup Committee, Frodtert & Medical College of Wisconsin
- 2023 - Present Member, Contrast Shortage Steering Committee, Froedtert & Medical College of Wisconsin
- 2023 - Present Member, FMLH Capital Budget Committee, Froedtert Hospital
- 2023 - Present Member, PSQO - MCW Department of Radiology - Diagnostic Imaging Services, Radiology, Froedtert & Medical College of Wisconsin

2023 - Present Member, CHD MIDAS Quality Committee Representative, Community Hospital Division
2023 - Present Member, CHD Leadership Workgroup, Community Hospital Division
2023 - Present Member, F&MCW Imaging Utilization Steering Committee, Froedtert & Medical College of Wisconsin
2023 - Present Member, PACS Downtime Committee, Froedtert & Medical College of Wisconsin
2023 - Present Member, Radiology TAT Metric Development Committee, Froedtert & Medical College of Wisconsin

MCW TEACHING ACTIVITIES:

Medical Student Education

04/07/2017 Neuroradiology Cases Lecture
02/04/2020 M4 Neuroscience Elective Discussion, Photon-Counting CT of the Brain: In Vivo Human Results and Image-Quality Assessment

Resident and Fellow Education

2016 - Present Daily resident and fellow teaching on clinical service rotations in Neuroradiology Emphasis on imaging techniques, protocol development, and diagnostic interpretation of CT and MR neuroimaging studies.
2016 - Present Radiology 1st – 4th year resident didactic lecture series and board reviews.
10/19/2017 Didactic Lectures - Neuroradiology Case Review (Boards-Style)
01/11/2018 Didactic Lectures - Spinal Jeopardy
02/12/2018 Didactic Lectures - Opportunities for Improvement
02/14/2018 Introduction to Neuroradiology
03/19/2018 Didactic Lectures - Patterns of Contrast Enhancement
03/22/2018 Didactic Lectures - Degenerative Spine Nomenclature and Classification
10/12/2018 Neuroradiology Case Review (Boards-Style)
01/11/2019 Didactic Lectures - Spinal Jeopardy
03/20/2019 Didactic Lectures - Overview of Spinal Canal Lesions
07/17/2019 Intro to Radiology: Neuroradiology and Computer Topics
08/27/2019 "Volumetric Imaging of the Dementias" psychiatry resident lecture, 03/04/2020, "MR Imaging of the Spine," MCW Pain Fellow Lecture, Chronic Pain Series
10/18/2019 Degenerative Disease of the Spine
10/24/2019 Language Brain Mapping
11/15/2019 Didactic Lectures - Head Trauma Lecture
02/17/2020 Orbits Part 1 Conference Lecture
02/19/2020 Orbits Part 2 Conference Lecture
03/02/2020 Didactic Lectures - Ball-in-Glove
03/04/2020 Fundamentals of Neuroimaging - psychiatry resident lecture
11/30/2020 Didactic Lectures - Neuroradiology Case Review (Boards-Style)
12/09/2020 Didactic Lectures - DTI and Language
02/22/2021 Didactic Lectures - Patterns of Enhancement
03/11/2021 Didactic Lectures - JEDI Series - Epic Calls and Pitfalls
11/28/2022 Fellowship Lecture: Patterns of Contrast Enhancement
11/28/2022 Neuroradiology - Patterns of Enhancement

EXTRAMURAL TEACHING:

Resident and Fellow Education

2007 - 2016 Indiana University, Daily resident and fellow teaching on clinical service rotations in Neuroradiology Emphasis on imaging techniques, protocol development, and diagnostic interpretation of CT and MR neuroimaging studies.
2007 - 2016 Indiana University, Radiology 1st – 4th year resident didactic lecture series and board reviews.
04/08/2020 Medical College of Wisconsin, Introduction to Neuroradiology, Biophysics lecture

Continuing Medical Education

2009 - 2016 Methodist Hospital; Indianapolis, IN, Monthly Multidisciplinary Spine Conference
2012 - 2016 University Health Neuroscience Center; Indianapolis, IN, Monthly Multidisciplinary Neuro-oncology Tumor Board Conference
2016 Indiana University Health Neuroscience Center; Indianapolis, IN, Monthly Neurology Grand Rounds Conference

MCW STUDENTS, FACULTY, RESIDENTS AND CLINICAL/RESEARCH FELLOWS MENTORED:

Clinical/Research Fellows

2017 - 2018 Christopher J. MacDonald, MD, Neuroradiology Fellowship, Medical College of Wisconsin
2017 - 2018 Anthony Zbacnik, MD, Neuroradiology Fellowship, Medical College of Wisconsin
2017 - 2018 John Slaby, DO, DABR, Neuroradiology Fellowship, Medical College of Wisconsin
2017 - 2018 Elton Mustafaraj, DO, Neuroradiology Fellowship, Medical College of Wisconsin
2018 - 2019 Christopher Kleefisch, MD, Neuroradiology Fellowship, Medical College of Wisconsin
2018 - 2019 John Slaby, MD, Neuroradiology Fellowship, Medical College of Wisconsin
2018 - 2019 Kristin Fay, MD, Neuroradiology Fellowship, Medical College of Wisconsin
2019 - 2020 Sheeraz Daudi, MD, Neuroradiology Fellowship, Medical College of Wisconsin
2020 - 2021 Joshua Westbrook, MD, Neuroradiology Fellowship, Medical College of Wisconsin
2021 - 2022 Lohitha Kolli, MD, Neuroradiology Fellowship, Medical College of Wisconsin
2021 - 2022 Kim McKenna, DO, Neuroradiology Fellowship, Medical College of Wisconsin
2021 - 2022 Ahmed Soliman Abdalla, Neuroradiology Fellowship, Medical College of Wisconsin
2021 - 2022 Khalid Alsabban, MD, Neuroradiology Fellowship, Medical College of Wisconsin
2021 - 2022 Zaneta Dymon, DO, Neuroradiology Fellowship, Medical College of Wisconsin
2022 - 2023 Nathan Gruenhagen, MD, Neuroradiology Fellowship, Medical College of Wisconsin
2022 - 2023 John Clarke, MD, Neuroradiology Fellowship, Medical College of Wisconsin
2022 - 2023 Greg Bradley, DO, Neuroradiology Fellowship, Medical College of Wisconsin
2022 - 2023 Alexander Kurdi, MD, Neuroradiology Fellowship, Medical College of Wisconsin
2022 - 2023 Eric Wideburg, DO, Neuroradiology Fellowship, Medical College of Wisconsin

Residents

2021 - 2023 Dr. Ben Voss, Faculty Mentor of Resident, Medical College of Wisconsin

Faculty

2021 - Present Dr. Ryan Beck, Faculty Mentor Junior Faculty, Medical College of Wisconsin
2022 Dr. Luis Antonio Sosa-Lozano, Faculty Mentor Junior Faculty, Medical College of Wisconsin

EXTRAMURAL STUDENTS, FACULTY, RESIDENTS, AND CLINICAL/RESEARCH FELLOWS MENTORED:

High School Students

2019 - 2020 Isabel Palomo, Insight Program - Career Mentoring Program, Pewaukee High School

Clinical/Research Fellows

2018 - 2019 Joshua Bonis, MD, Neuroradiology Fellowship, Medical College of Wisconsin
2020 - 2021 Mohammed Ahsheri, MBBS, Neuroradiology Fellowship, Medical College of Wisconsin

Clinical Staff

07/26/2017 Dr. Surendra Patel, Referring Physician Visits - CHD Hospitalist Medical Director, Community Hospital Division
10/02/2017 Dr. Amy Diestelhorst, Referring Physician Visits, Froedtert Hospital
10/02/2017 Dr. Kristin Lebiecki, Referring Physician Visits, Froedtert Hospital
12/15/2017 Dr. Todd Hirschtritt, Referring Physician Visits, Froedtert Hospital
12/15/2017 Dr. Theodore Hubley, Referring Physician Visits, Froedtert Hospital
12/21/2017 Dr. Marshall Beckman, Referring Physician Visits - CHD General Surgeon, Community Hospital Division
01/16/2018 Dr. Matthew Weston, Referring Physician Visits - Anesthesiology, Froedtert Hospital
01/24/2018 Dr. Eric Olafsson, Referring Physician Visits - SJH Pulmonary ICU Intensivist, Saint Joseph's

Hospital

PROGRAMMATIC DEVELOPMENTS:

Educational Programs

Faculty

- 2022 - Present Communicated new vision and helped lead innovation efforts for Neuroradiology fellowship recruiting
- 2022 - Present Radiology residency expansion – advocacy and case development.

Clinical Programs

- 2022 - Present Organized improvement initiative to address chronic low clinical productivity.
- 2022 - Present Recruiting efforts - Radiology faculty and APP candidates; F&MCW managers.
- 2022 - Present Radiology Downtime – advocacy and approach re-development
- 2022 - Present Radiology short-term extra-duty approach development and organization to meet clinical service needs
- 2022 - Present Organized Neuroradiology Quality Project initiative and analyses - Quality Assessment of Clinical Information Provided in Requisitions for Critical CT Head Studies.
- 2022 - Present Procedural Workgroup - streamline approach to procedures in department.
- 2022 - Present Developed organized staffing models for guidance with section chiefs
- 2022 - Present Organized guidance and suggestions for McKesson workflow optimization improvement project.
- 2022 - Present Organized effort to innovate and re-deploy faculty deployment at off-site locations due to on-going workforce shortages and COVID considerations.
- 2022 - Present Organized radiology TAT meetings and algorithm improvement efforts with department leaders.
- 2022 - Present Helped develop / implement plan for creative hybrid overlap staffing solutions.
- 2022 - Present Identified and implemented plan to consolidate CHD general tumor boards.
- 2022 - Present Helped spearhead team approach to plain films during short-staffed environment.
- 2022 - Present Helped spearhead new pediatric workflow to provide relief for CHW radiology overnight crew.
- 2022 - Present Organized regular meetings with section chiefs to identify and implement opportunities for improvement.
- 2022 - Present Assisted in streamlining approach to procedural workflows in Neuroradiology - DR APP expansion.
- 2022 - Present Workgroup member for exploring ED TAT metrics
- 2022 - Present Radiology compensation model – organized innovation effort with section chiefs / department leaders
- 2022 - Present Re-organized clinical service approach and expectations in Neuroradiology with section colleagues
- 2022 - Present Developed organized communication for new approach to Radiology Medical Emergencies
- 2023 - Present Revised Radiology Practice Operations Council (RadPAC) Structure

COMMUNITY SERVICE ACTIVITIES:

- 03/16/2017 CDI Mayfair; pre-photo shoot interview
- 03/20/2017 Volunteer participant in CDI video shoot for consumer & community engagement project
- 04/22/2017 Attended CMH Spring Splendor Gala fundraiser benefiting the Garden View Unit End-of-Life Care at Froedtert & the Medical College of Wisconsin Community Memorial Hospital
- 09/06/2017 SJH Performance Improvement (PI) Council – Fall Radiology Presentation
- 09/11/2017 CMH Quality Improvement and Utilization Review Council (QIURC) Meeting – Fall Radiology Presentation
- 09/24/2017 Komen Race for the Cure – F&MCW registered participant
- 01/24/2018 Mission Moment with SJH Executive Council – Radiology Presentation
- 02/19/2018 CHD Emergency Department Data Review – Radiology Presentation

03/07/2018 SJH Performance Improvement (PI) Council – Spring Radiology Presentation
 03/18/2018 CMH Quality Improvement and Utilization Review Council (QIURC) Meeting – Spring Radiology Presentation
 03/20/2018 SJH Medical Executive Committee – Radiology Update Presentation
 03/22/2018 CMH Medical Executive Committee – Radiology Update Presentation
 06/13/2018 CMH Joint Commission Primary Stroke Center Recertification Data and Performance Review (Member/ Participant)
 09/05/2018 SJH Performance Improvement (PI) Council – Fall Radiology Presentation
 09/10/2018 CMH Quality Improvement and Utilization Review Council (QIURC) Meeting – Fall Radiology Presentation
 09/22/2018 MCW Cancer Crush – F&MCW registered participant
 02/05/2019 CHD CSU Dyad Committee - Radiology Presentation
 02/12/2019 CHD Medical Executive Committee - Radiology Update Presentation
 03/04/2019 SJH Joint Commission Advanced Primary Stroke Center Recertification Data and Performance Review
 03/06/2019 SJH Performance Improvement (PI) Council – Spring Radiology Presentation
 03/11/2019 CMH Quality Improvement and Utilization Review Council (QIURC) Meeting – Spring Radiology Presentation
 03/05/2021 Advanced Practice Provider lecture - CDI - Degenerative Spine - Nomenclature

PROFESSIONAL SERVICE:

2007 - Present Service to patients/clients and related clinical institutions: Clinical radiology staff member for Neuroradiology services. Duties include: Evaluation and interpretation of diagnostic neuroimaging studies including computed tomography and magnetic resonance imaging Performance of percutaneous procedures with imaging guidance Protocol development
 2009 - 2012 American Roentgen Ray Society Case of the Day – Neuroradiology Section
 2011 - 2013 Indiana University Health Tipton Hospital Quality Assurance Liaison – Peer Review Program

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Zimmer JA, Garg BP, **O'Neill DP**, Golomb MR. Teaching neuroImage: MRI visualization of papilledema associated with cerebral sinovenous thrombosis in a child. *Neurology*. 2008 Aug 12;71(7):e12-3. PMID: PMC2676983
2. Wilden JA, Voorhies J, Mosier KM, **O'Neill DP**, Cohen-Gadol AA. Strategies to maximize resection of complex, or high surgical risk, low-grade gliomas. *Neurosurg Focus*. 2013 Feb;34(2):E5.
3. Risacher SL, Wudunn D, Pepin SM, MaGee TR, McDonald BC, Flashman LA, Wishart HA, Pixley HS, Rabin LA, Paré N, Englert JJ, Schwartz E, Curtain JR, West JD, **O'Neill DP**, Santulli RB, Newman RW, Saykin AJ. Visual contrast sensitivity in Alzheimer's disease, mild cognitive impairment, and older adults with cognitive complaints. *Neurobiol Aging*. 2013 Apr;34(4):1133-44. PMID: PMC3545045
4. Ho CY, Hussain S, Alam T, Ahmad I, Wu IC, **O'Neill DP**. Accuracy of CT cerebral perfusion in predicting infarct in the emergency department: lesion characterization on CT perfusion based on commercially available software. *Emerg Radiol*. 2013 Jun;20(3):203-12. PMID: PMC3661911
5. Wang Y, Risacher SL, West JD, McDonald BC, Magee TR, Farlow MR, Gao S, **O'Neill DP**, Saykin AJ. Altered default mode network connectivity in older adults with cognitive complaints and amnesic mild cognitive impairment. *J Alzheimers Dis*. 2013;35(4):751-60. PMID: PMC3962306
6. Nudelman KN, Wang Y, McDonald BC, Conroy SK, Smith DJ, West JD, **O'Neill DP**, Schneider BP, Saykin AJ. Altered cerebral blood flow one month after systemic chemotherapy for breast cancer: a prospective study using pulsed arterial spin labeling MRI perfusion. *PLoS One*. 2014;9(5):e96713. PMID: PMC4016018
7. Nudelman KN, McDonald BC, Wang Y, Smith DJ, West JD, **O'Neill DP**, Zanville NR, Champion VL, Schneider BP, Saykin AJ. Cerebral Perfusion and Gray Matter Changes Associated With Chemotherapy-Induced Peripheral Neuropathy. *J Clin Oncol*. 2016 Mar 01;34(7):677-83. PMID: PMC4822503
8. Tormoehlen LM, Blatsioris AD, Moser EA, Carter RJ, Stevenson A, Ofner S, Hulin AL, **O'Neill DP**, Cohen-

- Gadol AA, Leipzig TJ, Williams LS, Mackey J. Disparities and guideline adherence in drugs of abuse screening in intracerebral hemorrhage. *Neurology*. 2017 Jan 17;88(3):252-258. PMID: PMC5272789
9. Mackey J, Blatsioris AD, Moser EAS, Carter RJL, Saha C, Stevenson A, Hulin AL, O'Neill DP, Cohen-Gadol AA, Leipzig TJ, Williams LS. Prophylactic Anticonvulsants in Intracerebral Hemorrhage. *Neurocrit Care*. 2017 Oct;27(2):220-228. PMID: PMC6522136
 10. Kralik SF, O'Neill DP, Kamer AP, Rodriguez E, Ho CY. Radiological diagnosis of drop metastases from paediatric brain tumours using combination of 2D and 3D MRI sequences. *Clin Radiol*. 2017 Oct;72(10):902.e13-902.e19.
 11. Kralik SF, Murph D, Mehta P, O'Neill DP. Diagnosis of spinal dural arteriovenous fistula using 3D T2-weighted imaging. *Neuroradiology*. 2017 Oct;59(10):997-1002.
 12. Brandy R, Matthews, MD, et al. Memory Dysfunction. *CONTINUUM: Lifelong Learning in Neurology*. 21(3):613-623, 2015 June.
 13. Bobholz1, SA., Lowman, AK., Barrington, A., Brehler, M., McGarry, S., Cochran, EJ., Connelly, J., Mueller, WM., Agarwal, M., O'Neill, D., Nencka, AS., Banerjee, A., and LaViolette, PS. Radiomic Features of Multiparametric MRI Present Stable Associations With Analogous Histological Features in Patients With Brain Cancer. *Tomography*. 6(2):160-169, 2020 June.
 14. Mackey J, Blatsioris AD, Moser EAS, Carter RJL, Saha C, Stevenson A, Hulin AL, O'Neill DP, Cohen-Gadol AA, Leipzig TJ, Williams LS. Prophylactic anticonvulsants in intracerebral hemorrhage. *Neurocritical Care*. March 2017
 15. Kralik, S, O'Neill DP, Ho, C, Kamer A. Radiological Diagnosis of Drop Metastases from Pediatric Brain Tumors Using Combination of 2D and 3D MRI Sequences. *CLINICAL RADIOLOGY CARD-D-17-00010R1* May 2017.
 16. LG Umfleet, Butts A, JJK, RK, MA, BBL, RJJ, RJ, AP Klein, CAN, FM et al Memory performance and quantitative Neuroimaging software in mild cognitive impairment: A concurrent validity study. *J Int Neuropsychol Soc* 2020 Apr 28:1-9. doi:10.1017/S1355617720000454. PMID: 32340636

Abstracts

1. Majidi S, O'Neill DP, McLennan G. Percutaneous Angiographic Diagnosis and Treatment of Aortic Injury. Scientific poster presented at the 2005 Campell-Klatte Lecture Series, Department of Radiology. Indiana University School of Medicine.
2. Majidi S, O'Neill DP, McLennan G. Percutaneous Angiographic Diagnosis and Treatment of Aortic Injury. Scientific poster presented at AUR 53rd Annual Meeting, Montreal 2005.
3. Ho, C., Useche, N., O'Neill D. et. al. Pediatric Aspiration: Association with Abnormal Brain MRI Findings and White Matter Volume Loss. Scientific poster presented at Radiological Society of North America Conference in 2009 November.
4. Risacher, SL, et al. Contrast Sensitivity as a Novel Biomarker for Neurodegeneration in Early Alzheimer's Disease, Mild Cognitive Impairment, and Older Adults with Cognitive Complaints. Scientific poster presented at International Conference on Alzheimer's Disease 2010.
5. West, J. D., McDonald, B. C., Campbell, K. A., Wang, Y., Mosier, K. M., O'Neill, D. P., Kean, J., Kalnin, A. J., Saykin, A. J. Hand motor tasks for clinical fMRI: Comparison of two tasks and normative data in healthy adults. Scientific poster presented at the 17th Annual Meeting of the Organization for Human Brain Mapping, Quebec City, Canada, 2011 June.
6. McDonald, B. C., West, J. D., Campbell, K. A., Wang, Y., Kalnin, A. J., Mosier, K. M., Kean, J., O'Neill, D. P., Saykin, A. J. Language Probes for Clinical fMRI: Normative Data & Comparison of Activation Profiles of Four Tasks. Scientific poster presented at the 17th Annual Meeting of the Organization for Human Brain Mapping, Quebec City, Canada, 2011 June.
7. Wang, Y., West, J. D., MaGee, T. R., McDonald, B. C., Risacher, S. L., Farlow, M. R., O'Neill, D. P., Saykin, A. J. Resting-state fMRI activity profile in prodromal Alzheimer's disease and older adults with cognitive complaints. Scientific poster presented at the International Conference on Alzheimer's Disease, Paris, France, 2011 July.
8. Wang, Y., West, J. D., MaGee, T. R., McDonald, B. C., Risacher, S. L., Shen, L., Ramanan, V., Kim, S., O'Neill, D. P., Farlow, M. R., Ghetti, B., Saykin, A. J. Hippocampal subfield atrophy on 3T MRI in prodromal Alzheimer's disease and older adults with cognitive complaints. Scientific poster presented at the Alzheimer's Association International Conference, Vancouver, Canada, 2012 July.
9. Saykin, A. J., Nho, K., Risacher, S. L., Kim, S., McDonald, B. C., MaGee, T. R., Farlow, M. R., West, J. D., Shen, L., O'Neill, D. P., Hutchins, G. D., Yoder, K. K. TSPO genotype modulates in vivo [11C]PBR28 human brain uptake. Scientific poster presented at the Society for Neuroscience Annual

- Meeting, New Orleans, LA, 2012 October.
10. Wang, Y. West, J. D., Shen, L., Risacher, S. L., Sporns, O., McDonald, B. C., Tallman, E. F., Ghetti, B., Gao, S., Farlow, M. R., O'Neill, D. P., Xiao, H., & Saykin, A. J. Altered connectome mapping in prodromal Alzheimer's disease and older adults with cognitive complaints Scientific poster presented at the Alzheimer's Association International Conference, Boston, MA, 2013 July.
 11. Yang Wang, John D. West, Shannon L. Risacher, Brenna C. McDonald, Eileen Tallman, Bernardino Ghetti, Martin R. Farlow, Sujuan Gao, Darren O'Neill, Andrew J. Saykin. Characterization of regional cerebral blood flow in mild cognitive impairment and older adults with cognitive complaints, Scientific poster presented at the Alzheimer's Association International Conference, Boston, MA, 2013 July.
 12. Saykin, A. J., Risacher, S. L., McDonald, B. C., West, J. D., Tallman, E. F., Flashman, L. A., Wishart, H. A., Rabin, L. A., Pare, N., O'Neill, D. P., Wang, Y., Shen, L., Santulli, R. B., & Farlow, M. R. Two year outcome in older adults with cognitive complaints: relation to baseline cognition, self and informant ratings, genetics and imaging., Scientific poster presented at the Alzheimer's Association International Conference, Boston, MA, 2013 July.
 13. Subcortical U-Fibers: Signposts to the Diagnosis of White Matter Disease. Riley, K, Kralik, S, O'Neill DP Educational Exhibit Poster #: EdE-17. ASNR Annual Meeting Long Beach, CA April 2017
 14. **O'Neill, D.** Unmasking the Masquerader - Hypertrophic Olivary Degeneration - scientific poster presented at European Society Radiology meeting. 2018
 15. Bhalla, M., Klein, A. Diagnosing Transient Global Amnesia in Altered Mental Status. 51st Annual Meeting of The Western Neuroradiological Society, Cour d'Alene, ID, 2019.
 16. Deepali Bhalla, S Franczak, AP Klein, Mohit Agarwal. "The Glymphatic system: Current concepts and role in CNS disease" Educational exhibit ASNR 2020.
 17. Osvaldo Velez-Martinez, John Ulmer, AP Klein, G Burek, M Franczak, LG Umfleet, Mohit Agarwal. A stimulating guide to overcome the amygdala: Review of anatomy and its role in psychiatric disorders. Educational exhibit at the Annual meeting of the American Roentgen Ray Society (ARRS), Chicago, 2020.
 18. Jason Hibbard, LGU, MF, AP Klein, KR, AC, Mohit Agarwal: The application of volumetric MRI in predicting MCI phenotype. Scientific poster at the Annual meeting of the American Roentgen Ray Society (ARRS), Chicago, 2020.
 19. Bhalla, M., Ulmer, J., Klein, A.P., Agarwal, M., O'Neill, D.P. Cerebral Lobar Volume: Concordance of Visual and Quantitative Assessment. Radiological Society of North America (RSNA), 105th Scientific Assembly and Annual Meeting, Chicago, IL, 2019.
 20. Emmert, N. A., Agarwal, M., Franczak, M., Reiter, K., Klein, A., & Glass Umfleet, L. Quantitative volumetric differences between MCI groups with different presumed etiologies. Poster presented at the 48th annual meeting of the International Neuropsychological Society. Denver, Colorado. Feb 2020
 21. Reiter, K., Corroero, A., Janecek, J., Agarwal, M., Reuss, J., Franczak, M., Klein, A., & Glass Umfleet, L. Relationship between cognitive reserve and brain volume in amnesic and non-amnesic MCI. Poster presented at the 47th annual meeting of the International Neuropsychological Society. Denver, Colorado. Feb 2020
 22. ARRS - Educational Exhibit - To See or Not to See: The Spectrum of Optic Disc Imaging Abnormalities and Associated CNS Diseases
 23. Non-Fatal Entrapment: A Multi-Modality Case Presentation of Post-Traumatic Basilar Artery Herniation into the Sphenoid Sinus with Preserved Patency
 24. ASNR - Educational Exhibit - Cavernous Sinus
 25. ASNR - Effect of tumor grade on the relationship between multi-parametric MRI intensity values and cellularity in glioma patients
 26. ASNR - Educational Exhibit - Turn your gaze to this: causes and patterns of abnormal CNIII enhancement

Peer Reviewed Educational Products

1. Ulmer, E., Franczak, S., Klein, AP., MD, Agarwal, M., MD, O'Neill, D., MD. Alzheimer's Disease. ACR Case-in-Point. 2/07/2020.
2. Ulmer, E., Franczak, S., Klein, AP., MD, Agarwal, M., MD, O'Neill, D., MD. Semantic Dementia. ACR Case-in-Point. 5/22/2019.
3. Ulmer, JL., MD, Franczak, M., BS, Klein, AP., MD, Agarwal, M., MD, O'Neill, D., MD. Posterior Cortical Atrophy. ACR Case-in-Point. 10/15/2018.
4. Mossahebi, Dababo, Bhalla, Klein, O'Neill, Smullen, Agarwal - Characterization and Differential Diagnosis of

- Bilateral Deep Gray Matter Abnormalities on Imaging (ARRS 2021)
5. Voss, Benjamin; Maheshwari, Mohit; Klein, Andrew; Smullen, Dave; Bhalla, Manav; O'Neill, Darren; Agarwal, Mohit. I'm Your Papi. The spectrum of Optic disc Imaging Abnormalities and the associated CNS diseases (RSNA 2021)

Non-Peer Reviewed Educational Products

1. O'Neill, D., Sturgeon, J., Emergency Neuroradiology Case Review. 2007 Campbell-Klatte Lecture Series. Department of Radiology. Indiana University School of Medicine.