Passing the JMI Torch: Thank You to the Medical Imaging Community for our Amazing Journey

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Back in 2013, as the inaugural Editor-in-Chief for the *Journal of Medical Imaging* (JMI), I penned my first JMI editorial, "Welcome to the *Journal of Medical Imaging*," which was published in Volume 1, Issue 1, in 2014. Due to the great vision and effort of the medical imaging community, JMI was successfully launched.

JMI flourished over the next ten years, with its scope including the fields of physics of medical imaging, tomographic reconstruction algorithms, image processing, computer-aided diagnosis/machine intelligence of images (AI), visualization and modeling, PACS and imaging informatics, image perception and observer performance, technology assessment, ultrasonic imaging, image-guided procedures, robotic interventions, digital pathology, and biomedical applications in molecular, structural, and functional imaging. As the field of medical imaging expanded, so did JMI as it encompassed such emerging topics as AR/VR in medical imaging.

JMI draws readers, authors, and associate editors from academia, industry, government labs, and medical institutions, including more and more scientists, engineers, and clinicians from around the world, serving as a resource for the community.

A hallmark of JMI is its special sections. Over the years, JMI has published more than 30 special sections, with 3 currently in progress. These special sections have spanned from anniversary sections on landmark medical imaging innovations to focused special sections on emerging technologies, as well as sections honoring pioneers in our field, and sections on global health, equity, bias, and diversity in AI in medical imaging (Table 1).

Table 1 JMI special sections/issues and editors.

Vol., Issue No.	Title/Editors
Vol. 11, TBD	**AR/VR in Medical Imaging**
	Ryan Beams, Bruce Daniel, and Raj Shekhar
Vol. 11, TBD	**Celebrating Over 30 Years of fMRI: Reflection on Advances and Looking Toward the Future**
	Timothy Carroll, Allen Newton, and Heather Whitney
Vol. 11, TBD	**Photon-Counting: Detectors and Applications**
	Mini Das and Patrick La Riviere
Vol. 10, No. 6	**Informatics and Imaging Data Management**
	Katherine Andriole, Susan Astley, Thomas Deserno, and Elizabeth Krupinski

Table 1 (*Continued*).

Vol., Issue No.	Title/Editors
Vol. 10, No. 6	**Global Health, Equity, Bias, and Diversity in AI in Medical Imaging**
	Judy W. Gichoya, Heather Whitney, Rui C. Sa, and Ronald Summers
Vol. 10, No. 5	**Artificial Intelligence in Medical Imaging for Clinical Practice**
	Claudia Mello-Thoms, Karen Drukker, Sian Taylor-Phillips, Khan Iftekharuddin, and Marios Gavrielides
Vol. 10, No. S1	**Medical Image Perception and Observer Performance**
	Elizabeth A. Krupinski, Asli Kumcu, and Karla Evans
Vol. 10, No. S2	**Advances in Breast Imaging**
	Hilde Bosmans, Alistair Mackenzie, Nicholas Marshall, Robert Marti, and Reyer Zwiggelaar
Vol. 9, No. S1	**Celebrating 50 Years of SPIE Medical Imaging**
	Maryellen Giger and Ronald Summers
Vol. 9, No. 5	**Advances in High-Dimensional Medical Image Processing**
	Ivana Isgum, Bennet Landman, and Tomaž Vrtovec
Vol. 9, No. 3	**Hard X-Ray Tomography with Micrometer Resolution**
	Bert Mueller, Stuart R. Stock, Ge Wang, and Jovan Brankov
Vol. 8, No. 5	**Celebrating X-Ray Computed Tomography at 50**
	Norbert Pelc, Rebecca Fahrig, and Patrick La Riviere
Vol. 8, No. 4	**2D and 3D Imaging: Perspectives in Human and Model Observer Performance**
	Claudia Mello-Thoms, Craig Abbey, and Elizabeth A. Krupinski
Vol. 8, No. S1	**COVID Medical Imaging Research**
	Maryellen Giger
Vol. 8, No. 3	**Radiogenomics in Prognosis and Treatment**
	Karen Drukker, Hui Li, and Despina Kontos
Vol. 7, No. 4	**Virtual Clinical Trials**
	Paul Kinahan, Andrew Maidment, Robert M. Nishikawa, and Ehsan Samei
Vol. 7, No. 3	**Three-Dimensional Image Reconstruction in Nuclear Medicine, PET, and CT**
	Scott Metzler, Samuel Matej, and J. Webster Stayman
Vol. 7, No. 3	**Interventional and Surgical Data Science**
	Amber L. Simpson and Michael I. Miga
Vol. 7, No. 2	**Medical Image Perception and Observer Performance**
	William F. Auffermann, Trafton Drew, and Elizabeth A. Krupinski
Vol. 7, No. 1	**Evaluation Methodologies for Clinical AI**
	Susan M. Astley, Weijie Chen, Kyle J. Myers, and Robert M. Nishikawa
Vol. 6, No. 3	**Advances in Breast Imaging**
	Elizabeth A. Krupinski, Susan Astley, Robert Marti, Martin Tornai, and Reyer Zwiggelaar

Table 1 (*Continued*).

Vol., Issue No.	Title/Editors
Vol. 6, No. 2	**3D Printing in Medical Imaging**
	Ehsan Samei and Joseph Lo
Vol. 6, No. 1	**Artificial Intelligence in Medical Imaging**
	Elizabeth A. Krupinski, Patrick La Riviere, and Paul Kinahan
Vol. 5, No. 3	**Medical Image Perceptions and Observer Performance**
	Elizabeth A. Krupinski, Mia K. Markey, and Tamara Miner Haygood
Vol. 5, No. 2	**Image-Guided Procedures, Robotic Interventions, and Modeling**
	Michael I. Miga and Amber L. Simpson
Vol. 5, No. 1	**Quantitative Imaging Methods and Translational Developments–Honoring the Memory of Dr. Larry Clarke**
	Robert Nordstrom, Darrell Tata, Lawrence Schwartz, Lubomir Hadjiyski, and Maryellen Giger
Vol. 4, No. 4	**Radiomics and Deep Learning**
	Despina Kontos, Ron Summers, and Maryellen Giger
Vol. 4, No. 3	**Visions of Safety: Perspectives on Radiation Exposure and Risk in Medical Imaging**
	Ehsan Samei and Christoph Hoeschen
Vol. 4, No. 2	**Digital Pathology**
	Metin N. Gurcan, Anant Madabhushi, and John Tomaszewski
Vol. 4, No. 1	**Development, Challenges, and Opportunities of Positron Emission Tomography**
	Norbert J. Pelc, Paul E. Kinahan, and Roderic I. Pettigrew
Vol. 3, No. 1	**Medical Image Perception and Observer Performance**
	Elizabeth A. Krupinski
Vol. 2, No. 4	**Radiomics and Imaging Genomics**
	Sandy Napel and Maryellen Giger
Vol. 1, No. 3	**Pioneers in Medical Imaging: Special Section Honoring the Memory of Robert F. Wagner**
	Kyle Myers and Weijie Chen

JMI continued to grow even through the COVID-19 pandemic and has now amassed the publication of 1191 journal papers, with a steady acceptance rate of 40% and a current Impact Factor of 2.4.

I am appreciative of my two advisory editors, Harrison Barrett and Norbert Pelc, especially when Norbert graciously took over as Editor-in-Chief during 2018, while I served as the President of SPIE.

I would especially like to thank the more than 50 medical imaging experts from around the world who have served JMI as editorial board members (Table 2) – with their service to the journal ranging from several months to nearly a decade. Some of my most enjoyable JMI memories are when the JMI editorial board would gather for a meal and brainstorm special section topics for the upcoming year – the enthusiasm and innovation of these individuals were contagious.

I am also grateful to the SPIE staff who have diligently worked with me and the AEs to make JMI a premier medical imaging journal. I have been impressed with everyone's dedicated

efforts and interactions, and also their creative JMI covers featuring innovative medical imaging technologies.

I now turn over this fulfilling role as JMI's Editor-in-Chief to Bennett Landman of Vanderbilt University. I have great confidence in him and, with excitement, look forward to the future growth of JMI. I thank all of you for giving me the honor and privilege of serving as your Editor-in-Chief of JMI for the past decade.

Table 2 JMI editorial board members, current and former.

Editorial Board Member	Status
Aaron Fenster	Associate Editor
Aaron Ward	Associate Editor
Anant Madabhushi	Retired, 2022
Barjor Gimi	Associate Editor
Bennett Landman	Associate Editor
Christoph Hoeschen	Associate Editor
Claudia Mello-Thoms	Associate Editor
Craig Abbey	Retired, 2018
Cristian A. Linte	Associate Editor
David Wilson	Associate Editor
Despina Kontos	Associate Editor
Ehsan Samei	Associate Editor
Elizabeth Krupinski	Retired, 2022
François Bochud	Retired, 2022
Harrison Barrett	Advisory Editor
Heather Whitney	Associate Editor
Huabei Jiang	Retired, 2022
Hui Li	Associate Editor
Irina Voiculescu	Associate Editor
J. Michael Fitzpatrick	Retired, 2016
Jayashree Kalpathy-Cramer	Associate Editor
Jeffrey Siewerdsen	Retired, 2022
John Tomaszewski	Associate Editor
John Weaver	Associate Editor
Joseph Reinhardt	Retired, 2020
Josien Pluim	Retired, 2019
Jovan Brankov	Associate Editor
Karen Drukker	Associate Editor
Katherine Andriole	Associate Editor
Kensaku Mori	Associate Editor
Kevin Cleary	Retired, 2014
Khan Iftekharuddin	Associate Editor

Table 2 (*Continued*).

Editorial Board Member	Status
Kyle Myers	Associate Editor
Lei Xi	Associate Editor
M. Emre Celebi	Retired, 2023
Maria Law	Associate Editor
Marios Gavrielides	Associate Editor
Marius George Linguraru	Retired, 2023
Martin P. Tornai	Associate Editor
Marvin Doyley	Associate Editor
Maryam Rettmann	Associate Editor
Matthew Kupinski	Associate Editor
Metin Gurcan	Associate Editor
Michael Miga	Associate Editor
Milica Medved	Retired, 2018
Murray Loew	Associate Editor
Nico Karssemeijer	Retired, 2019
Norbert J. Pelc	Advisory Editor
Olivier Salvado	Associate Editor
Patrick LaRiviere	Associate Editor
Paul Kinahan	Associate Editor
Raj Shekhar	Associate Editor
Rebecca Fahrig	Associate Editor
Robert M. Nishikawa	Associate Editor
Ronald M. Summers	Associate Editor
Rui Sa	Associate Editor
Sandy Napel	Associate Editor
Sebastien Ourselin	Associate Editor
Stephen Aylward	Retired, 2021
Stephen Glick	Associate Editor
Susan Astley	Associate Editor
Thomas Deserno	Associate Editor
Timothy Carroll	Retired, 2023
Tomaz Vrtovec	Associate Editor
Weijie Chen	Associate Editor
Xiaochuan Pan	Retired, 2020
Yan Chen	Associate Editor