

Publisher's Comment

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Sam Bond, Kelly Cloninger

The Journal of Biocommunication is the professional journal of the Association of Medical Illustrators and the BioCommunications Association. This JBC issue represents our first issue of the 2024 publishing year. We would like to thank our entire Management Board, editors, advisors, and authors for their important contributions.

OPEN ACCESS

Congratulations to Sam Bond

I would like to extend my most heartfelt congratulations to co-chair Sam Bond, who welcomed her son, Finn Joseph Conrad, into the world on June 20, 2024.

Introduction to Issue 48-1

Welcome to the *Journal of Biocommunication*, the professional journal of the Association of Medical Illustrators and the BioCommunications Association. This JBC issue represents our first issue of the 2024 publishing year. We would like to thank our entire Management Board, editors, advisors, and authors for their important contributions.

Our Open Journal Systems (OJS) management system continues to serve us well, providing rich online features for our authors, as well as editors. Authors are able to submit content online, and then track their article's progress throughout the review and editing processes. For those authors and content creators wanting to submit an article to the JBC, please visit: <https://journals.uic.edu/ojs/index.php/jbc/about/submissions>

We appreciate the ongoing support from the JBC community around the world. In particular, we acknowledge the support of the Association of Medical Illustrators and the BioCommunications Association. It is a privilege to be the professional academic journal of these two great organizations.

Featured Article

Authors Francois I. Luks, Ian Suk, Ni-Ka Ford, and Phillip M. Boiselle present, "Frontiers in Medical Illustration: From Netter's Naturalism to a Representation Revolution."

This article reflects on the works of Frank H. Netter and some of the reasons why they became so prolific in medical education. It posits that the humanizing aspects of Netter's works, depicting relatable imagery of ordinary people, resonates with his audiences in ways other medical art fails to do. The article then raises a very important missing factor in his work: Diversity and representation outside of the white middle-class. It examines the work that still needs to be done in the field of medical illustration to improve healthcare education and, consequentially, improve healthcare outcomes for all demographics of people.

Viewpoint and Professional Insight

Author Michael D. Hickman provides insight into workflows with his column, "The Role of Technical Directors on 3D Animation Teams."

This column examines the current landscape of large technical productions and the ever-expanding nature of cutting-edge technology, emphasizing how difficult it is to

unify and implement technical approaches in the field of 3D scientific animation. It addresses the need for more technical directors; a role dedicated to improving production pipelines, troubleshooting technical issues, and problem solving with the animation team. The article goes on to provide several practical examples of ways that a technical director can improve production pipelines where there are many moving pieces and constant changes in technology, allowing medical animators to wholly focus on the message and execution of the content.

the utilization of 3D visualization for medical animations and applications, and in the graduate program she teaches the 3D modeling track. Her expertise in software includes Zbrush, 3DS Max, the Substance Suite, Blender3D, Cinema4D, and more.

JBC Gallery

Our JBC 48-1 Gallery includes the award winners of BCA's 2023 BioImages exhibition. We hope that you enjoy this extensive photographic and motion media exhibition from last year's annual event.

Your Feedback is Appreciated

We rely on our readers for feedback about the Journal, and we invite you to share your thoughts with us about any of our columns and articles. We always appreciate your suggestions for improvement.

Authors of this Publisher's Comment

Sam Bond is a Visiting Clinical Assistant Professor at the University of Illinois at Chicago with appointments in the Department of Physical Therapy and the Biomedical Visualization (BVIS) graduate program. Her work in physical therapy focuses on patient education for the department's faculty practice, as well as game design for patient behavior modification. Within the BVIS program, Sam teaches two Interactive Visualization courses in beginner to advanced interactive development. These courses cover scripting in Unity, with applications for 2D games, 3D games, and Virtual Reality development, and additional interactive topics such as Articulate Storyline, advanced web development, and interactive PDF creation.

Kelly Cloninger is a Clinical Assistant Professor within the Biomedical Visualization Graduate program (BVIS) at the University of Illinois at Chicago. Formerly a multimedia developer in pharmaceutical medical communications, she specializes in visualizing the mechanism of action for new drugs. Her work focuses on



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Conflict of Interest Statement

The *Journal of Biocommunication* Management Board and Editors believe that transparency in academic research is essential. Our *JBC* authors are now required to disclose any possible conflict of interest when submitting a manuscript. In accordance with the *Journal of Biocommunication's* editorial policy, no potential conflict of interest has been reported or declared by these authors.