



Letter from the Editors-in-Chief

Alexander L. Neuwirth, MD and Tyler R. Morris, MD



It is with immense pride that we introduce the 25th edition of the University of Pennsylvania Orthopaedic Journal (UPOJ). The UPOJ was first published in 1985 under the leadership of Dr. Carl T. Brighton, and it has been a fixture of the department for many years. With this 25th edition, we celebrate the 30th anniversary of the nation's first fully resident-run journal of orthopaedic surgery.

We dedicate this momentous volume to two wonderful people, who have been the faces of the program for several decades: Dr. John L. Esterhai and Barbara Weinraub. Dr. Esterhai's relentless dedication to his patients, his students and the values of Penn Orthopaedics has been profoundly inspirational to generations of trainees and peers over the last 39 years. Dr. Esterhai semi-retired in April but his sincere mentorship, his seminal research work and his exemplary clinical care will be remembered at Penn Orthopaedics as shining illustrations of a consummate physician. Barbara Weinraub, who has worked for the department for 5 decades (including as the residency coordinator since 1991) retired from her full time responsibilities in January. Her passion for our program, and her tireless dedication to the residents, will be fondly remembered by all those who had the privilege to interact with her in the course of their training.

The UPOJ is continuing this year with its well-received "extended abstract" format, which has allowed for increased representation of both clinical and basic science research. We have had the honor of reviewing articles from nearly all clinical divisions and primary investigators of the Department of Orthopaedic Surgery at the University of Pennsylvania.

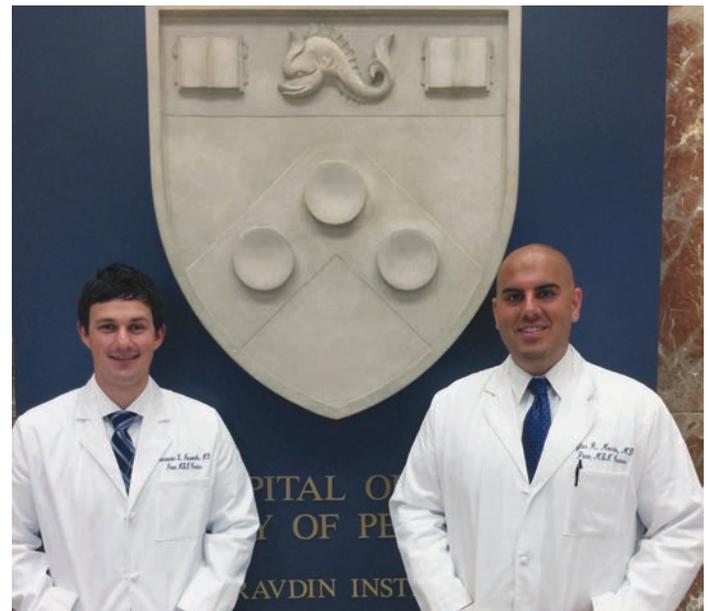
Furthermore, we are thrilled to put forth the very exciting developments taking place in our Department and Health System through their respective sections. The accelerated consolidation of the Musculoskeletal and Rheumatology service line, the grand opening of our state of the art Penn Medicine University City site, and the move of the Level 1 Trauma Center from the Hospital of the University of Pennsylvania to Penn Presbyterian Medical Center have defined a pivotal year for our Health System. We also highlight a number of exciting and important events that have occurred in the Health System and the department this year, including symposia on Excellence in Orthopaedics and throwing disorders; regional courses for arthroplasty, hand surgery and Orthopaedic education; and a Visiting Professor lectureship that included several internationally recognized leaders and experts in Orthopaedics.

Following the tremendous work by previous editors, the UPOJ will once again be made available online. We want to thank Daniel Steinberg for his phenomenal efforts to continuously improve on the fantastic groundwork developed last year.

The UPOJ has been financially independent from the Department of Orthopaedic Surgery since 1997 thanks to the generous financial support from our advertisers. We wish to sincerely thank our sponsors, on behalf of our department, for supporting the educational and research missions of Penn Orthopaedics.

The publication of the UPOJ would not be feasible without the prodigious support and guidance of our chairman, Dr. L. Scott Levin; our Program Director, Dr. Craig L. Israelite; and our faculty advisers, Drs. Samir Mehta and Jaimo Ahn. Our section editors were instrumental in reviewing the superb clinical articles that we received this year. We extend our deep and heartfelt gratitude to Drs. Jason B. Anari (Pediatric Orthopaedics), Keith P. Connolly (Arthroplasty), Joshua A. Gordon (Hand and Microvascular Surgery), Daniel P. Lim (Trauma), Philip A. Saville (Spine Surgery), Russell N. Stitzlein (Epidemiology), Michael T. Talerico (Sports Medicine) and Zachary R. Zimmer (Shoulder and Elbow Surgery) for their hard work and dedication.

On behalf of our fellow authors, editors, and mentors, we proudly present the 25th edition of the UPOJ. It is our sincere hope that this volume highlights the culture of academic challenge, collaborative discovery, scientific exploration and clinical leadership that makes Penn Orthopaedics such an exceptional program.



Sincerely,

Alexander L. Neuwirth, MD and Tyler R. Morris, MD

Editors-in-Chief

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