



Looking Forward to the 2023 PCMD Annual Scientific Symposium - November 15, 2023



Registration is now open for the 19th Annual Penn Center for Musculoskeletal Disorders Scientific Symposium in the Smilow Rubinstein Auditorium and Commons to be held on November 15, 2023. The keynote speaker will be Charles Washabaugh, Ph.D., Program Director, National Institute of Arthritis and Musculoskeletal and Skin Diseases, National Institute of Health. The day will begin at 815am with registration and poster set-up followed by scientific presentations from new Center Full and Affiliate members and PCMD Pilot Grant recipients. The symposium will also include lunch and a judged poster session with prizes awarded in four categories. The day will conclude with a reception in the commons area of Smilow. Registration is free but is required. To register click this [link](#).

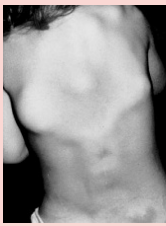
Spotlight Publications/News From Our Members



Congratulations to Lorraine Boakye, M.D. the 2023 AOFAS CSCDP Recipient

The [Orthopaedic Research Society \(ORS\) Clinician Scholar Career Development Program \(CSCDP\)](#) is a comprehensive training workshop designed to encourage and educate future orthopaedic clinician-scientists and investigators. Session topics include Beginning Your Career as a Clinician-Scientist, Building Blocks for a Successful Clinician-Scientist Career, Work-Life Balance, and Resources and Opportunities for Research Funding. The annual program is open to residents in PGY-2 to PGY-5, fellows, and junior faculty through year three who have the potential and desire to become orthopaedic clinician-scientists. AOFAS sponsors 1-2 members to participate in the CSCDP each year. The 2023 workshop will take place September 21-23, 2023, in Rosemont, Illinois.

Dr. Boakye is an Assistant Professor at the University of Pennsylvania Perelman School of Medicine and serves as Director of Clinical Research for the foot and ankle division. She completed her foot and ankle fellowship at Harvard/Brigham and Women's Hospital and orthopaedic residency at the University of Pittsburgh Medical Center, where she served as chief resident. Dr. Boakye's research was recently featured as a podium presentation during AOFAS Annual Meeting 2022 and in the April issue of Foot & Ankle Orthopaedics.



FDA Approves the First Ever Drug Treatment for FOP

The FDA has approved Palovarotene (Sohonos™) as the first ever drug treatment for patients with FOP. Palovarotene was first identified as a therapy for FOP in mouse studies conducted in the laboratory of PCMD Associate Director Maurizio Pacifici. Subsequent studies with collaborators including PCMD members Eileen Shore, Mona Al Mukaddam and Fred Kaplan, provided major insights into palovarotene mode of action, effectiveness, and clinical potentials. The drug was developed for clinical use in FOP by Clementia Pharmaceuticals first, followed by Ipsen Pharma. Co. that completed the phase 3 clinical trials. This landmark approval was issued on August 16, 2023.

Congratulations to the Spine Research Team!

Awarded the Inaugural ASME Edward Grood Interdisciplinary Team Science Medal in Bioengineering

The Spine Research Team, led by Dawn Elliott (UDelaware) and Rob Mauck (UPenn) and including past and current collaborators, were awarded the **inaugural ASME Edward Grood Interdisciplinary Team Science Medal in Bioengineering**. These are amazing colleagues who make research fun and enable advances in the field. None of us could do the work alone. Each are leaders in their own right. Most are former trainees who have launched their own research labs. Clinicians and engineers and scientists working together to solve spine-related disorders. Thrilled that ASME has created an award that recognizes the entire team, not only the PI.



Congratulations to Fanxin Long, Ph.D.

2023 Louis V. Avioli Founders Award Recipient



We are excited to announce that PCMD member Fanxin Long has received the prestigious 2023 Avioli award from the ASBMR. The award recognizes the seminal contributions made by his laboratory to clarify and decipher fundamental mechanisms underlying normal skeletal biology as well as pathophysiology. The latter includes the discovery of osteoblast-intrinsic defects in glycolysis as a major pathogenic mechanism in diabetic osteopenia. The award will formally be presented during the annual ASBMR meeting in October in Vancouver.

High Impact Publications

Dakota L Jones, Grey F Hallström, Xi Jiang, Ryan C Locke Mary Kate Evans, Edward Bonnevie, Anjana Srikumar, Thomas Leahy, Madhura Nijsure, Joel Boerckel, Robert Mauck, Nathaniel Dyment.

- Proc Natl Acad Sci U S A. 2023 May 30;120(22):e2211947120.

PENN CENTER FOR MUSCULOSKELETAL DISORDERS FUNDS AVAILABLE:

PCMD FUNDS AVAILABLE:

Summary Statement Driven Funding Request

If you have a recent summary statement from an NIH grant (eligible NIH mechanisms include all “R” grants such as R03, R21 and R01 and “K” grants such as K01, K08 on their first submission—please inquire regarding eligibility of other proposal mechanisms) which requires you to run additional experiments, gather additional data, provide feasibility for an approach, or similar, we can provide small funds (\$1,000-\$15,000) with a very short turn-around time in order to allow you to complete these experiments and resubmit your proposal with the best chance of success. Requests for funding will be evaluated on a rolling basis and priority will be given to Assistant Professors with encouraging initial review priority scores better than ~30-35%. The format of the “Summary Statement Driven Funding Request”, which is limited to **one page**, is as follows:

- Name of PI (must be a PCMD full member)
- Title of Project Request
- Specific Purpose of Request with Stated Outcome/Goal Referring Explicitly to the Summary Statement for Justification
- Research Design and Methods
- Budget with Brief Justification

Funding through this mechanism is available by submitting the one page proposal to pcmd@pennterms.edu

Affiliate Member Core Funding - Now Available

PCMD Funds Available for Affiliate members:

Affiliate members are now eligible for financial and intellectual support for PCMD core use. Center facilities and intellectual guidance are available to learners at all levels (e.g., faculty, trainees, staff) at other institutions. To a large extent, this effort is to provide increased opportunities to engage investigators at affiliate institutions (defined broadly) that do not have extensive resources supporting musculoskeletal research.

All potential requests for support should start with an email to either a Core Director/s or to Lou Soslowsky at soslowsk@upenn.edu to discuss your needs. For more information on this please visit the Affiliate Member Core Funding page at <https://www.med.upenn.edu/pcmd/affiliate-member-core-funding.html>

Upcoming Seminars 2023-2024

October

17

Tuesday, 130pm-2:30pm/CRB Austrian Auditorium

Title: "My Journey to Demystify the Marvelous Misunderstood Meniscus"

Suzanne Maher, Ph.D.

Senior Scientist, Research Institute

Co-Director, Orthopedic Soft Tissue Research Program, Research Institute

November

15

**Wednesday, 8am-600pm/Smilow Rubinstein Auditorium & Commons
Annual Scientific Symposium**

Title: "Navigating the NIH: The Program Director Perspective"

Keynote Speaker:

Charles Washabaugh, Ph.D.

Program Director, National Institute of Arthritis and Musculoskeletal and Skin
Diseases, National Institute of Health

December

12

Tuesday, 130pm-230pm/CRB Austrian Auditorium

*Title: "Understanding Joint Health through Whole Joint Biomechanics and
Mechanobiology"*

Hai Yao, Ph.D.

Professor and Ernest R. Norville Endowed Chair
Associate Chair for CU-MUSC Bioengineering Program
Department of Bioengineering
Clemson University

January

23

Tuesday, 130pm-230pm/CRB Austrian Auditorium - Joint with IRM

Title: "Myostatin: A Molecular Rheostat for Muscle Mass"

Se-Jin Lee, M.D., Ph.D.

Presidential Distinguished Professor, Genetics and Genome Sciences
Joint Appointment, The Jackson Laboratory for Genomic Medicine
MD/PhD Executive Committee Chair
University of Connecticut

February

20

Tuesday, 130pm-230pm/CRB Austrian Auditorium

Title: "TBD"

Ronen Schweitzer, Ph.D.

Interim Director of Research, Shriners Hospital for Children - Portland
Professor in Orthopaedics and Cell, Developmental and Cancer Biology
Oregon Health & Science University

March

19

Tuesday, 130pm-230pm/CRB Austrian Auditorium - Joint with IRM

*Title: "Bone Building Molecular Targets: Lessons from Mechanical Signaling in
Skeletal Tissues"*

Alexander Robling, Ph.D.

Chair, Anatomy, Cell Biology & Physiology
Indiana University, School of Medicine

April

15

Monday, Location TBD - Joint with Pennsylvania Muscle Institute

Title: "TBD"

Munir Tanas, M.D.

Associate Professor of Pathology
Carver College of Medicine
University of Iowa Health Care

May

14

Tuesday, 130pm-230pm/CRB Austrian Auditorium - Joint with IRM

Title: "TBD"

Sarah L. Dallas, Ph.D.

University of Missouri Curator's Distinguished Professor
Lee M. and William Lefkowitz Endowed Professor
University of Missouri-Kansas City

[View All Activities...](#)

[Orthopaedic
Research Club
\(ORC\) Seminars](#)

[Membership
Page](#)

IMPORTANT INFORMATION
Remember to include reference to support from the Center in your abstracts and publications. Cite Grant NIH/NIAMS P30AR069619 from the National Institute of Arthritis and Musculoskeletal and Skin Diseases of the NIH.
Support has also been provided by the Perelman School of Medicine at the University of Pennsylvania.



Penn Center for Musculoskeletal Disorders
University of Pennsylvania
3rd Fl Stemmler Hall, 3450 Hamilton Walk
Philadelphia, PA 19104-6081

Phone: 215-898-8653
www.med.upenn.edu/pcmd

If you have any news or information that you would like included in the next issue of the Musculoskeletal Messenger newsletter, please email the information to: pcmd@penmedicine.upenn.edu

University of Pennsylvania | 3450 Hamilton Walk, 371 Stemmler Hall, Philadelphia, PA 19104

[Unsubscribe donnaser@upenn.edu](mailto:donnaser@upenn.edu)

[Update Profile](#) | [Constant Contact Data Notice](#)

Sent by pcmd@penmedicine.upenn.edu powered by



Try email marketing for free today!