**PCIBMR Faculty Member Application and Website Profile Form**

***Name & Degree(s):***­­ ***­***

***Position/Title(s):***

***Primary Department/Division:***

***School/University:***

***Office Location:***

***Mailing address:***

***Preferred Email:***  ***Preferred Phone:***

***Assistant’s name and email (If applicable):***

***Other Affiliations:***

***Research Description/Themes:***

***Technique Expertise or Resources (Mouse models, cell lines, assays, datasets, equipment, other) to share:***

***Other Keywords to help potential collaborators find you***:

***Link to publication list (myncbi or other list)***:

***Link to lab website (does not replace info above for searching purposes)***:

***List of Lab members (Name, position, email)***:

**PLEASE REMEMBER TO ALSO SUBMIT YOUR NIH Biosketch and a photo at least 300 dpi @ 2x2” (or 72 dpi @ 8.3x8.3”) and see additional application questions on next pages**

**The above information is for your Website profile. Please complete the additional application information requested in the pages below:**

**Additional Application Information**

***Collaborations with other* other bone/mineral researchers/clinicians in the Pittsburgh area (UPitt, CMU, Duquesne University) – please note for each person if you have published with them, have a current funded grant, or if this is a newer collaboration.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Collaborator name and affiliation** | **Published with Y/N** | **Grant together? Y/N** | **Collab**  **long-term or new** |
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**Grants**

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| --- | --- | --- | --- | --- |
| **Supporting Organization & Grant Number** | **Key Personnel (role)** | **Title** | **Project period** | **Annual Direct Cost** |
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**Please indicate your interest in the following PCIBMR Enrichment Programs**

Current Future

User User

Monthly Seminars

Annual Symposium

Biomedical Core driven Educational seminars & workshops

PCIBMR member driven Educational seminars

Pilot & Feasibility Awards (pending funding of the PCIBMR P30 grant)

**See next page for questions about use of PCIBMR Biomedical Resources**

**Please indicate which of the PCIBMR Biomedical Resource Cores you are interested to use – see descriptions under Scientific Resources Tab at https://pcibmr.pitt.edu/**

(Click as many as appropriate)

**The Advanced Bioimaging CORE**

(Co-Directors: Dr. Deborah Galson & Dr. Guiseppe Intini)

Current Future

User User

The Center for Biologic Imaging (Dr. Simon Watkins)

The Tomography Core (Dr. Kostas Verdelis)

The Preclinical In Vivo Imaging Facility @ HCC (Dr. Jessie Nedrow)

**The Bioengineered Models CORE**

(Co-Directors, Dr. Juan Taboas & Dr. Stephen Badylak)

(Core Experts: Dr. Peter Alexander, Dr. Adam Feinberg, Dr. Hang Lin, & Dr. Newell Washburn)

The uniquely designed Bioengineered Models Core (BM Core) supports development of bioengineered micro-/meso-scale musculoskeletal tissue/organ-on-a-chip/bioreactor to enable next-generation experimental systems to model bone and mineralized tissues. The BM Core supports investigators in 1) learning, design, fabrication, and use of engineered scaffold, cell, and tissue systems for study of development, physiology, and disease and in 2) development of regenerative medicine approaches for repair and regeneration of mineralized tissues. The BM Core empowers investigators by uniting the critical expertise and equipment in the Pittsburgh community on design and characterization of biomaterials, fabrication of scaffolds and micro-/meso-/macro-tissues, and culture of physiologic systems in bioreactors. It works as a library, consulting firm, and collaborative partner that seeks to make this bioengineering know-how accessible to all investigators in the biological and health sciences, including sharing of novel intellectual property.

**The Cell and Tissue Characterization CORE**

(Director: Dr. Dobrawa Napierala; Assoc Director: Dr. Elia Beniash)

The Biomechanics Unit (Dr. Alejandro Almarza)

The Bone Histology and Histomorphometry Unit (Dr. Charles Sfeir)

The Bone Histopathology Unit (Dr. Harry Blair)

The Cell Mechano-sensing Unit (Dr. Partha Roy)

The Human Bone Tissue Bank (Dr. Kurt Weiss)

The Mineral Analyses Unit (Dr. Elias Beniash)

The Single-cell Analyses Unit (Dr. Robert Lafyatis)