Dina Abedi

University of California, Berkeley, Berkeley, CA

*Investigating Changes in Behavior and Neural Activity after Learning in Adult C. elegans*

Dirk Albrecht Faculty Advisor

Dan Lawler, Graduate Student Mentor

Fatin Alkhaledi

Worcester Polytechnic Institute, Worcester, MA

*Designing a Perfusion System for Decellularized Spinach Leaf Scaffolds to Support Cell Function*

Glenn Gaudette, Faculty Advisor

Emily Robbins and Katrina Hansen, Graduate Student Mentors

Nadine Boateng

University of Massachusetts, Lowell, Lowell, MA

*Role of Tumor Suppression Protein PTEN in Regulating Cellular Response to Substrate Stiffness*

Qi Wen, Faculty Advisor

Minh-Tri Ho Thanh, Graduate Student Mentor

Narda Bondah

Quinsigamond Community College, Worcester, MA

*Reduction of the Effects of TGFb in Valvular Interstitial Cells with Hyaluronic Acid*

Kris Billiar, Faculty Advisor

Frank Benesch-Lee, Graduate Student Mentor

Patricia Garcia

University of Miami,(Coral Gables, FL

*Designing and Characterizing Fibrin Microthread Composite Layers*

George Pins, Faculty Advisor

Megan Chrobak, Graduate Student Mentor

Allison McCrady

Trine University, Angola, IN

*First Layer Material Variation in PEMs Influences Surface Topography and Fibroblast Behavior*

Amy Peterson, Faculty Advisor

Ivan Ding, Graduate Student Mentor

Megan Sanders

University of Oklahoma, Norman, OK

*Tailoring Silk Fibroin Scaffold Pore size via Varying Temperature-Controlled Lypophilization Parameters*

Jeannine Coburn, Faculty Advisor

Christopher Nycz, Graduate Student Mentor

Bridget Soderna

Carnegie Mellon University, Pittsburgh, PA

*A Kinematic Model of Joint Angels and Fingertip Trajectory of the Human Hand*

Greg Fischer, Faculty Advisor

Christopher Nycz, Graduate Student Mentor

Jasmine Villegas

University of Illinois, Urbana-Champaign, IL

*Effects of Endothelial Cells on Co-cultured 3-D Blood Vessel Constructs*

Marsha Rolle, Faculty Advisor

Hannah Strobel, Graduate Student Mentor

Nicole Zaino

Clarkson University, Potsdam, NY

*Novel Axial Forearm Loading Causes Short Term Changes to Distal Radius Microstructure in Young Women*

Karen Troy, Faculty Advisor

Ying Fang, Graduate Student Mentor