Presenting Author	Level	Category	Award	Institution	Title
An Nguyen	Bachelor's Level	Biofluids, Imaging, and Cellular Biomechanics	1st Place	University of Pennsylvania	Quantification Of Genipin C Free Amino Residues
Timothy Ficklin	Bachelor's Level	Solid Mechanics, Design, and Rehabilitation	1st Place	California Polytechnic State University	Development Of An Experi To Measure Anisotropic Ma Of Bovine Articular Cartilag
Allison Finger	Bachelor's Level	Biofluids, Imaging, and Cellular Biomechanics	2nd Place	North Carolina State University	Comparison Of Effects Of C Pressure On Chondrogenes Mesenchymal Stem Cells Fr Normal And Osteoarthritic
Michael Anderson	Bachelor's Level	Solid Mechanics, Design, and Rehabilitation	2nd Place	University of Pittsburgh	Rotator Cuff Muscle Forces Related To The Value Of Th Joint Constriant Angle
Andrea Para	Bachelor's Level	Biofluids, Imaging, and Cellular Biomechanics	3rd Place	Georgia Institute of Technology	An In-Vitro Model Of Throm Highly Stenotic Tubing
Tara Hansen	Bachelor's Level	Solid Mechanics, Design, and Rehabilitation	3rd Place	Michigan Technological University	A Study Of The Histological Bovine Anterior And Poster Meniscal Horn Attachments

Rashmi Raghu	Doctoral Level	Biofluids and Imaging - Podium	1st Place	Stanford University	Implementation Of A Visco Constitutive Model For Solv Dimensional Equations Of E A Finite Element Method
Raymond Hubbard	Doctoral Level	Solid Mechanics, Design, and Rehabilitation - Podium	1st Place	University of Pennsylvania	Cervical Nerve Root Compr Behavioral Hypersensitivity The Magnitude Of Applied L
Christopher Wilson	Doctoral Level	Tissue Engineering and Cellular Biomechanics - Podium	1st Place	Georgia Institute of Technology	Inhibition Of MMPs, But No And -5, Reduces IL-1-Stimu Fibrocartilage Degradation
Jaehoon Seong	Doctoral Level	Biofluids and Imaging - Poster	1st Place	University of Miami	In Vitro Evaluation Of Alter A Model Of Elastase-Induce Aneurysm In Rabbit By Flo Devices
Paul Briant	Doctoral Level	Solid Mechanics, Design, and Rehabilitation - Poster	1st Place	Stanford University	Collagen Organization In Tl Layer Of Articular Cartilage Mechanical Environment W
Michael Evans	Doctoral Level	Tissue Engineering and Cellular Biomechanics - Poster	1st Place	University of Minnesota	Prediction Of Fiber Alignme Reconstituted Collagen Flap Anisotropic Biphasic Theory
Rui Zhao	Doctoral Level	Biofluids and Imaging - Podium	2nd Place	Carnegie Mellon University	Investigation Of Device-Ass Margination Using Micro Flo

Jennifer Currey	Doctoral Level	Solid Mechanics, Design, and Rehabilitation - Podium	2nd Place	Rensselaer Polytechnic Institute	Characterization Of The Me Environment At An Implant Vitro Study
Stefano Oberti	Doctoral Level	Tissue Engineering and Cellular Biomechanics - Podium	2nd Place	Swiss Federal Institute of Technology	Two Dimensional Arrays Of Ultrasound
Alex Barker	Doctoral Level	Biofluids and Imaging - Poster	2nd Place	University of Colorado at Boulder	Conjugation And Spin-Spin Nanocrystal Magnetic Reso Contrast Agent
Srinidhi Nagaraja	Doctoral Level	Solid Mechanics, Design, and Rehabilitation - Poster	2nd Place	Georgia Institute of Technology	Local Stresses, Architecture Mineralization Initiating Tra Microdamage
Louise McMahon	Doctoral Level	Tissue Engineering and Cellular Biomechanics - Poster	2nd Place	University of Dublin,	Differentiation Of Mesenchy Along The Chondrogenic Ar Lineages In A Collagen-Gag Static And Dynamic Conditi
Lingli Liu	Doctoral Level	Biofluids and Imaging - Podium	3rd Place	University of Colorado at Boulder	Real Time Blood Velocity Ar Measurements Using A Cus Non-Invasive Echo Particle Velocimetry System: Initial Experiments
Stephanie Perry	Doctoral Level	Solid Mechanics, Design, and Rehabilitation - Podium	3rd Place	University of Pennsylvania	Rat Ambulation Alterations Supraspinatus Tendon Deta

W. David Merryman	Doctoral Level	Tissue Engineering and Cellular Biomechanics - Podium	3rd Place	University of Pittsburgh	Aortic Valve Interstitial Cel Biosynthesis: Synergistic E Tension And Tgf-B1
Sarah Vigmostad	Doctoral Level	Biofluids and Imaging - Poster	3rd Place	University of Iowa	A Novel, Efficient Fluid-Stru Algorithm For Dynamic Bio Valve Simulations
William Francis	Doctoral Level	Solid Mechanics, Design, and Rehabilitation - Poster	3rd Place	Southwest Research Institute	Probabilistic Response Of A Verified Parametric Cervica Element Model
Victor Nirmalanandhan	Doctoral Level	Tissue Engineering and Cellular Biomechanics - Poster	3rd Place	University of Cincinnati	Mechanical Stimulation Of Engineered Tendon Constru Scaffold Materials
Thanh Huynh	Master's Level	Biofluids and Tissue Engineering	1st Place	University of Alabama at Birmingham	Effects Of Venous Needle T Hemodialysis On Endotheli And Nitric Oxide Formation
Kyle Bialczak	Master's Level	Design	1st Place	University of Louisville	Pediatric Bed Fall Simulatio Development And Validatio
Cathryn Peltz	Master's Level	Solid Mechanics	1st Place	University of Pennsylvania	A Novel Technique For Mea Shoulder Mechanics In A R

Koustubh Ashtekar	Master's Level	Biofluids and Tissue Engineering	2nd Place	University of Cincinnati	Improved Diagnosis Of Cor Under Clinical Setting Usin Approach
Angela Knight	Master's Level	Design	2nd Place	University of Louisville	Head Injury Risk Associate Free Falls In Children And I Impact Surface Type
Angela Kedgley	Master's Level	Solid Mechanics	2nd Place	University of Western Ontario	Kinematics Of The Shoulde Rotator Cuff Injury: An In- Biomechanical Study
Ariel Hanson	Master's Level	Biofluids and Tissue Engineering	3rd Place	North Carolina State University	The Effects Of Oxygen Plas On Adipose-Derived Adult S Adherence To Poly-L-Lactic
Vega Lee	Master's Level	Design	3rd Place	University of Western Ontario	Development Of An Inverse Of The Elbow Joint
Cheryl Dunham	Master's Level	Solid Mechanics	3rd Place	University of Western Ontario	The Role Of An Anterior Fla Transfer Through The Dista Following Total Elbow Arthr