

## Miscellaneous Conferences

### 2021

Number of presentations = **10**

**Boldfaced** names represent Bioengineering undergraduate students

#### *Calcification in Cerebral Arteries and its Relevance to Aneurysms*

**Tatlonghari P**, Sang C, Gade P, Tobe Y, and Robertson AM

45 Annual Northeast Bioengineering Conference (NEBEC). New Research Frontiers & Educational Landscapes in Biomedical Engineering. University of Pittsburgh | Carnegie Mellon University, March 23-25 (Research poster winner, 3rd place)

#### *Alarm Fatigue Mitigation with Supplemental Notification Device*

**Skoff T, Kress L, Tatlonghari P, Cook A, Kelly D, Luketich N, Martello R, and Wong R**

45 Annual Northeast Bioengineering Conference (NEBEC). New Research Frontiers & Educational Landscapes in Biomedical Engineering. University of Pittsburgh | Carnegie Mellon University, March 23-25

#### *Stroke Patient Aphasia Communication Easel*

**Weber J, Bharthi R, Case A, Chishti H, Dubaniewicz M, and Wong B**

45 Annual Northeast Bioengineering Conference (NEBEC). New Research Frontiers & Educational Landscapes in Biomedical Engineering. University of Pittsburgh | Carnegie Mellon University, March 23-25

#### *Automated Removal of Off-Target Binding Signals of Tau Neurofibrillary Tangles for Early Alzheimer's Detection*

**Meehan E, Li J, Foust J, Hu Y, and Salvi A**

45 Annual Northeast Bioengineering Conference (NEBEC). New Research Frontiers & Educational Landscapes in Biomedical Engineering. University of Pittsburgh | Carnegie Mellon University, March 23-25

#### *DYNAFLEX: Optimizing Fixed-Frame Leg Dynamometry*

**McLoughlin R, Ayoola O, Mountz E, and Talty F**

45 Annual Northeast Bioengineering Conference (NEBEC). New Research Frontiers & Educational Landscapes in Biomedical Engineering. University of Pittsburgh | Carnegie Mellon University, March 23-25

#### *Patient Repositioning Device*

**DeHarde M, Jones L, Jordan A, Lee C, McLeod J, Swaltek K, Sturm J, Swist E, and Zhang B**

45 Annual Northeast Bioengineering Conference (NEBEC). New Research Frontiers & Educational Landscapes in Biomedical Engineering. University of Pittsburgh | Carnegie Mellon University, March 23-25

*Inflation Apparatus for Medical Glove Donning Applications*

**Queen S, Dickey K, Himelrick E, Lau R, Shenk S, Shulock M, Snodgrass C, and Stevenson K**  
45 Annual Northeast Bioengineering Conference (NEBEC). New Research Frontiers & Educational Landscapes in Biomedical Engineering. University of Pittsburgh | Carnegie Mellon University, March 23-25

*Modular Trauma-Informed Speculum Handle*

**Odeniyi O, Chodapaneedi N, Geisler H, Justin A, Kushnerick S, Miller K, Rinderknecht S, Siegel J, and Sukinik J**  
45 Annual Northeast Bioengineering Conference (NEBEC). New Research Frontiers & Educational Landscapes in Biomedical Engineering. University of Pittsburgh | Carnegie Mellon University, March 23-25

*3D-Printed models of porous tubular tissue engineering scaffolds for optimization of cell seeding*

**Zheng JL, Chung TK, Vorp DA**  
The Atlantic Coast Conference (ACC) Meeting of the Minds, Chapel Hill, NC, April 9-10

*Longitudinal Changes in Adjacent Segment Disc Deformation After Cervical Spine Fusion*

**Martinez AC, LeVasseur C, Pitcairn S, Shaw J, Donaldson W, Lee J, Anderst W**  
American Society of Biomechanics Virtual Meeting, August 10-13