



## Janelle Mika Kaneda

Ph.D. Student in Bioengineering, admitted Autumn 2022

### Publications

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#### PUBLICATIONS

- **AddBiomechanics Dataset: Capturing the Physics of Human Motion at Scale.** *Computer vision - ECCV ... : ... European Conference on Computer Vision : proceedings. European Conference on Computer Vision*  
Werling, K., Kaneda, J., Tan, T., Agarwal, R., Skov, S., Van Wouwe, T., Uhrich, S., Bianco, N., Ong, C., Falisse, A., Sapkota, S., Chandra, A., Carter, et al  
2025; 15146: 490-508
- **AddBiomechanics Dataset: Capturing the Physics of Human Motion at Scale**  
Werling, K., Kaneda, J., Tan, T., Agarwal, R., Skov, S., Van Wouwe, T., Uhrich, S., Bianco, N., Ong, C., Falisse, A., Sapkota, S., Chandra, A., Carter, et al  
edited by Leonardis, A., Ricci, E., Roth, S., Russakovsky, O., Sattler, T., Varol, G.  
SPRINGER INTERNATIONAL PUBLISHING AG.2025: 490-508
- **Can static optimization detect changes in peak medial knee contact forces induced by gait modifications?** *Journal of biomechanics*  
Kaneda, J. M., Seagers, K. A., Uhrich, S. D., Kolesar, J. A., Thomas, K. A., Delp, S. L.  
2023; 152: 111569
- **Utilising low-cost, easy-to-use microscopy techniques for early peritonitis infection screening in peritoneal dialysis patients.** *Scientific reports*  
Buckup, M., Kaneda, J. M., Birk, A. M., Glockner, E., Venook, R., Jain, A., Sharma, S., Wong, C., Sutha, K.  
2022; 12 (1): 14046
- **A LOW-COST IN-LINE DEVICE FOR EARLY SCREENING OF PERITONITIS IN PERITONEAL DIALYSIS PATIENTS**  
Kaneda, J., Birk, A., Buckup, M., Glockner, E., Venook, R., Sutha, K.  
W B SAUNDERS CO-ELSEVIER INC.2021: 610
- **The Influence of Electron Beam Sterilization on In Vivo Degradation of beta-TCP/PCL of Different Composite Ratios for Bone Tissue Engineering.** *Micromachines*  
Kang, J., Kaneda, J., Jang, J., Sakthiabirami, K., Lui, E., Kim, C., Wang, A., Park, S., Yang, Y. P.  
2020; 11 (3)