

Nevada Undergraduate Research Award (with Aaron

USA, 2017

[W2] **J. Zhang** and M. C. Yip, "Designing muscle-powered robotics with super-coiled polymers," *Robotics: Science and Systems*, in workshop: *Robot Makers: The future of digital rapid design and fabrication of robots*, (4 pp), Ann Arbor, MI, USA, 2016

PATENTS

[P1] M. C. Yip, **J. Zhang**, A. Tran and W. Kuang, "System and method for robust and low-cost multi-axis force sensor," U.S. Provisional Patent Application 62/433578, 2016

SEMINARS AND TALKS

[1] "Smart materials for motion generation: Analysis and robotic applications", Neuro Journal Club, University of Nevada Reno, Reno, NV, November 1, 2018, (Host: Dr. Dennis Mathew)

[2] "Motion generation with smart materials: Scalable solutions to modeling, control, and design", ME 100/200 Seminar Series, Department of Mechanical Engineering, University of California Santa Barbara, Santa Barbara, CA, April 9, 2018, (Host: Dr. Francesco Bullo)

[3] "Motion generation with smart materials: Scalable solutions to modeling, control, and design", Department of Mechanical Engineering, Temple University, Philadelphia, PA, April 3, with smart materials

Vasilii Mansurov (Master student), Electrical Engineering (Biomedical Emphasis), 2019/02 - present

Undergraduates Students Advisees

Christopher Mullen, Mechanical Engineering, 2019/05 - present

Christopher Fulwider, Mechanical Engineering, 2019/05 - present

Ryan Coulter, Mechanical Engineering [NSMrtllen,

PROFESSIONAL MEMBERSHIP AND

2. ASME Conference on Smart Materials, Adaptive Structures and Intelligent Systems (SMASIS 2019)
3. ASME Dynamic Systems and Control Conference (DSCC 2012, 2013, 2018, 2019)
4. IEEE/ASME International Conference on Advanced Intelligent Mechatronics (AIM 2018, 2019)
5. IEEE Conference on Decision and Control (CDC 2016)
6. IEEE International Conference on Robotics and Automation (ICRA 2018)
7. IEEE International Conference on Robotics and Biomimetics (ROBIO 2018)
8. IEEE International Conference on Soft Robotics (RoboSoft 2018)
9. IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS 2018)
10. IFAC World Congress (WC 2017)

INSTITUTIONAL SERVICE

University Committees

- | | |
|---|---------------|
| 1. Judge, UNR Graduate Poster Symposium | November 2018 |
| 2. Evaluator, UNR Graduate Research Grant Program | October 2018 |

Department Committees

- | | |
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| 1. Member, Faculty Search Committee (Aerospace System) | September 2018 - present |
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