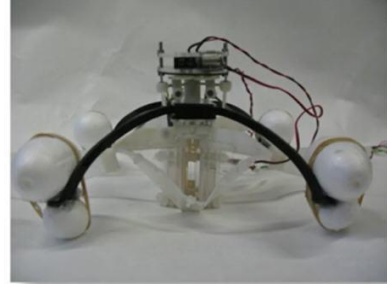



# Bristol Robotics Laboratory

Jonathan Rossiter is Professor of Robotics at University of Bristol, and heads the Soft Robotics Group at Bristol Robotics Laboratory. His group researches soft robotics: robots and machines that go beyond conventional rigid and motorized technologies into the world of smart materials, reactive polymers biomimetics\* and compliant structures.

\***Biomimetic** refers to human-made processes, substances, devices, or systems that imitate nature. The art and science of designing and building **biomimetic** apparatus is known as biomimicry because they mimic biological systems.



1. [Watch the linked Video](#)
2. [Click on this Website](#)
3. Review the research being at performed at BRL for soft robotics.
4. Write a summary of this research on a Word document, including the name of the lead researcher.
5. Choose three (3) additional areas of research at BRL,  from the website.
6. Read and review each of the three research areas.
7. Write a summary of each the three research areas, including the name of the lead researcher.
8. Research jobs at BRL [from this website](#).
9. List three (3) jobs available, requirements and job duties on your Word document. Save your document as **BRL\_your name**, and submit to the instructor.

## Bristol Robotics Laboratory

› About us

› Research

▼ Research themes

- Aerial robots
- Assisted Living
- Bioenergy & Self Sustainable
- Biomimetic and neuro-robotics
- Control for HRI
- Medical robotics
- Nonlinear control in robotics
- Robot vision
- Robotic Ethics
- Safe human robot interaction
- Smart automation
- **Soft robotics**
- Swarm robotics
- Tactile Robotics
- Unconventional computation
- Verification & validation