

## Homework for Nano-news report

Class : Introduction to the Nano-electromechanical Systems (NEMS)  
Name : Dedy Ramdhani (何正浩)  
Student Number : MA41Y202  
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### News topic :

“Human-Powered Nanotechnology Developed At University Of Wisconsin”

### Original news website address :

[http://www.huffingtonpost.com/2011/10/20/human-powered-nanotech-piezoelectricity\\_n\\_1022081.html](http://www.huffingtonpost.com/2011/10/20/human-powered-nanotech-piezoelectricity_n_1022081.html)

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### 1 · Website address on kahoot:

<https://play.kahoot.it/#/k/6c84be3c-9167-4914-b412-d7c899618ef7>

(and share the kahoot to Yichu\_Hsu)

### 2 · The 5— 10 questions that you post on kahoot:

1. What is the researcher have created when vibrates in low-speed air movement?
  - A. Plastic microgloves
  - B. Plastic microchip
  - C. Plastic microbelt**
  - D. Plastic microglass
2. What is this device could regularly measures?
  - A. Heart-pressure level
  - B. Blood-glucose level**
  - C. Respiratory level
  - D. Drugs injection level
3. What is the PVDF abbreviation?
  - A. Polyvinylidene Fluoride**
  - B. Polyvinylon Flouride
  - C. Polyvoltaic Fluorescents
  - D. Pyrovalerone Ferocity
4. How is the process to make the PVDF thinner?
  - A. Atomic-etching
  - B. Micro-etching
  - C. Ion-etching**
  - D. Cell-etching
5. What this thin PVDF can produces when vibrates?
  - A. Sound energy
  - B. Vibration energy
  - C. Electrical energy**
  - D. Force energy