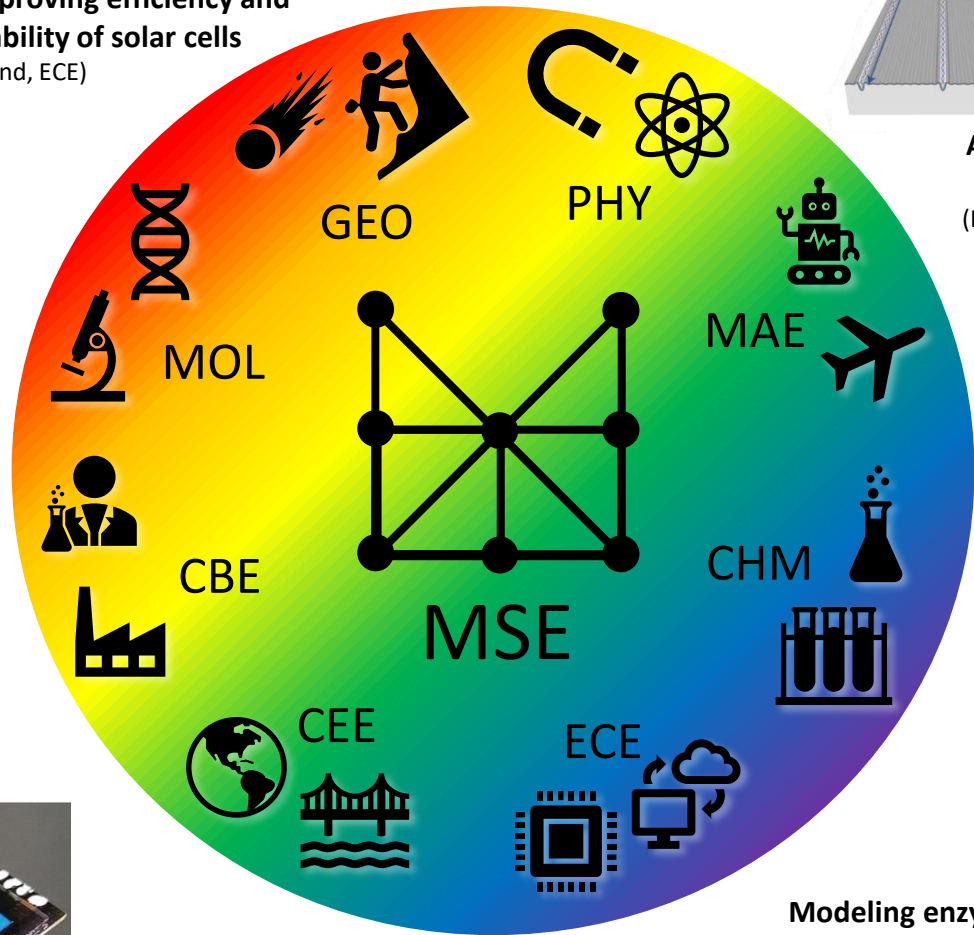
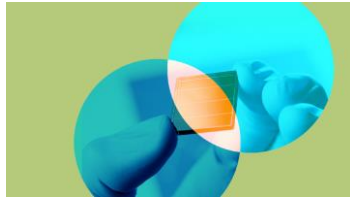


# Materials Science and Engineering (MSE)

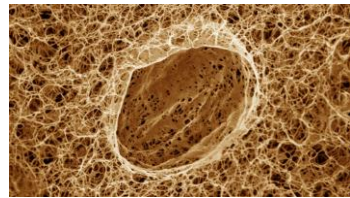
## Undergraduate Minor Program



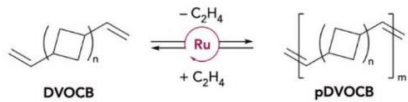
Elimination of qubit errors in quantum computing  
(Thompson, ECE)



Improving efficiency and stability of solar cells  
(Rand, ECE)



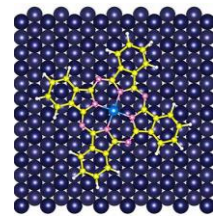
Creation of synthetic analogues for cell biology  
(Haataja, Kosmrlj, Arnold – MAE; Datta, Priestley – CBE)



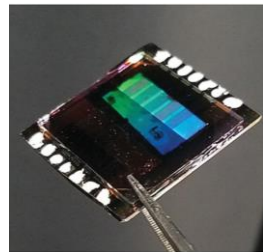
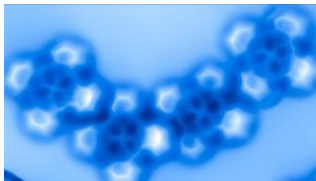
Synthesis of recyclable plastics  
(Chirik, CHM; Register, Davidson – CBE)



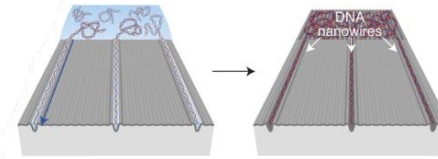
ECE 308



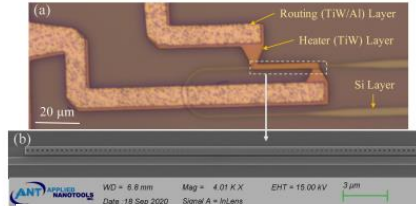
Distinguishing electron orbitals within atoms  
(Yao, IAC; Carter, Arnold – MAE)



Designing hybrid perovskite LEDs  
(Rand, ECE)



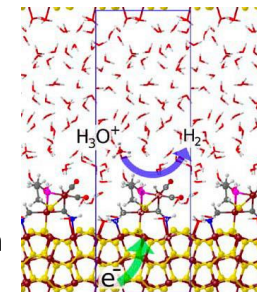
Alignment of DNA nanowires  
(Kosmrlj, Stone – MAE)



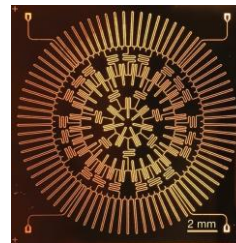
Nanobeam cavities for sensing and neural networks  
(Prucnal, ECE)



MSE undergraduate student Richard Huang wins 1<sup>st</sup> place poster at PMI annual symposium



Modeling enzyme modification for hydrogen production  
(Car, CHM)



Device engineering of quantum systems  
(Houck, ECE)