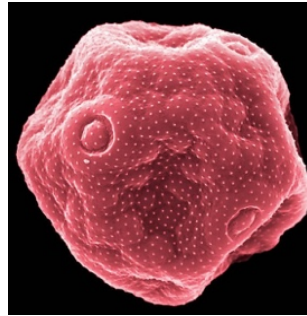


New Course! – CE 597/EEE 595

Indoor Air Quality (IAQ)

Spring 2016: MWF 12:30-1:20PM

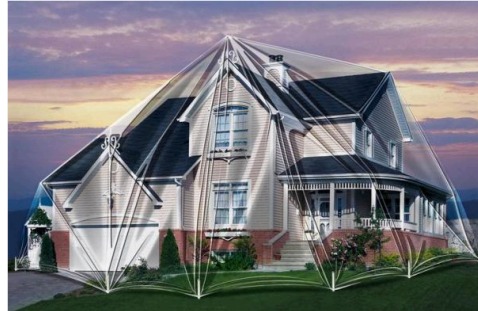
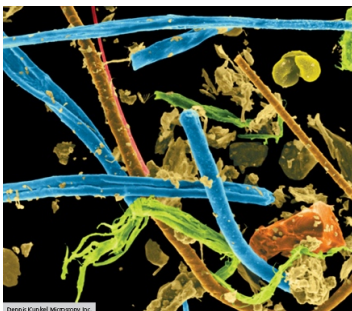
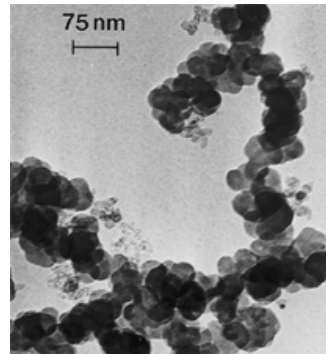


*we will study the air you breathe indoors,
where you spend 90% of your life.*

you will learn about:

- how to evaluate IAQ in buildings
- air quality in occupational workplaces
- aerosol physics
- bioaerosols: bacteria, viruses, fungi, pollen, dust mite allergens
- IAQ issues across the globe
- indoor combustion: biomass stoves
- airborne nanoparticles, e.g. soot & engineered nanomaterials
- engineering control strategies & filtration
- aerosol measurement techniques
- human exposure to indoor aerosols
- low-cost particle sensors
- indoor aerosol modeling

you will have the opportunity to apply this new knowledge to a team-based, course project



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