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## Key ideas

 macaw: Multiple Access Collision Avoidance Wireless

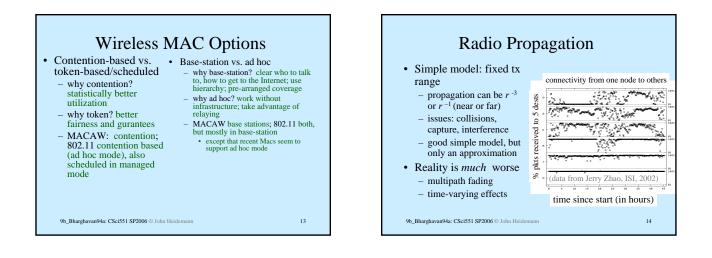
## MAC protocol

- how to send on the shared channel
- hidden terminal/exposed terminal
  - need to be careful collisions at receiver (senders can't hear each other)

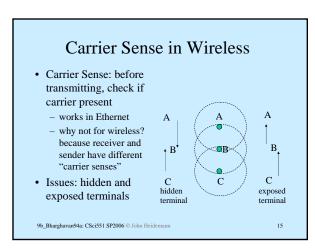
7

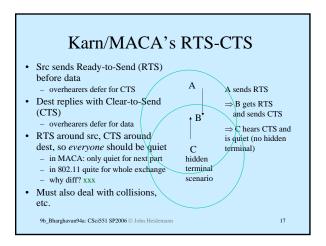
- contention based vs. schedules
  - implications: need to deal with collisions
  - need to be careful about fairness

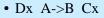
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1







- D->A->B Cx
- C needs to be quite to not interfere with A, but why D?
- D needs to be quiet because comm is 2-way
  - because B will send an ACK to A, A needs to be able to hear that

18

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