Summary of Dynamic Storage Class

Dynamic variables (How to use? Later.)

- · created and destroyed on demand,
- $^{\circ}$ have no names—must be tracked by program, and
- \circ stored in heap.

ECE 220: Computer Systems & Programming

© 2018 Steven S. Lumetta. All rights reserved.

slide 33

How C Determines Scope and Storage Class function or global block unnamed scope scope use 'static' use 'static' static outside of all outside of all constants inside block (global data) functions functions temporaries, not 'static' (stack) spills inside block dynamic discussed later (heap) Note that the 'static' qualifier · changes the scope of variables outside of all functions, but · changes the storage class of variables inside functions. ECE 220: Computer Systems & Programming © 2018 Steven S. Lumetta. All rights reserved. slide 34