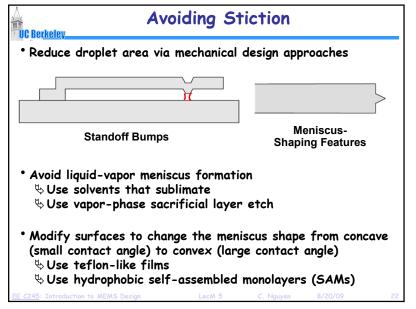
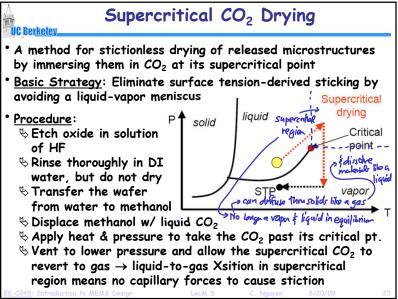
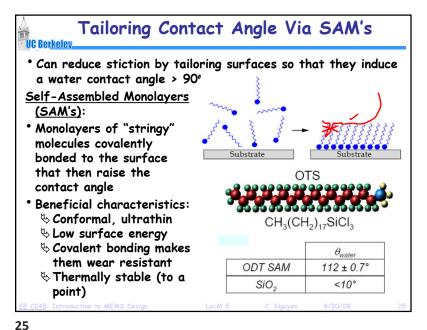
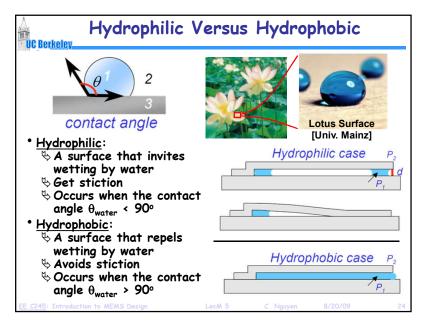


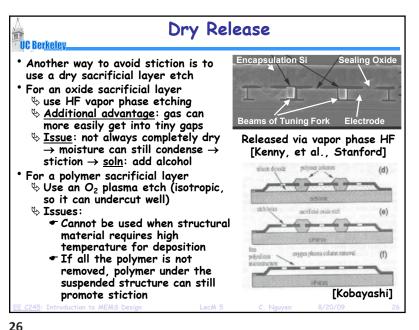
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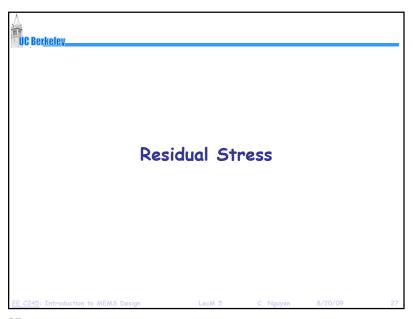


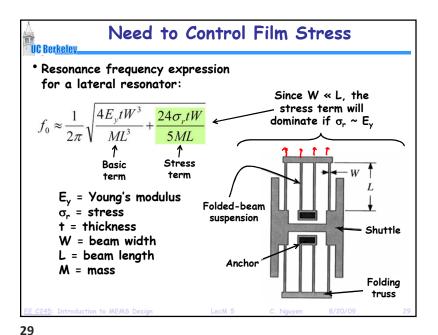






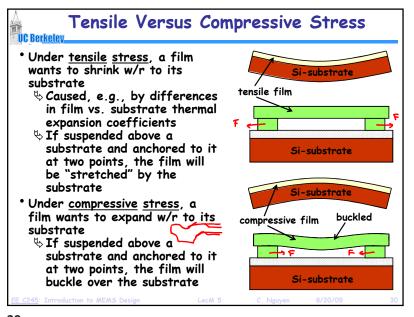


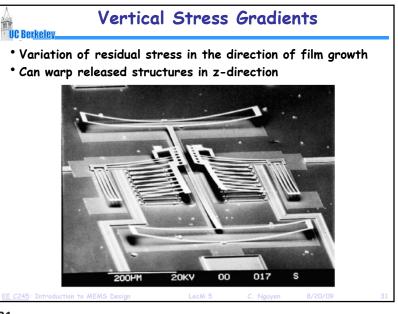


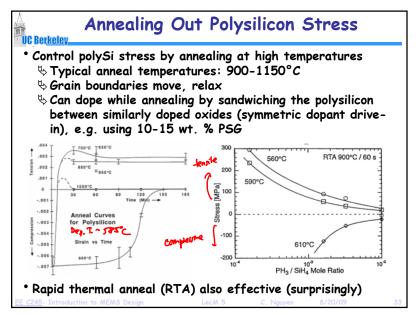


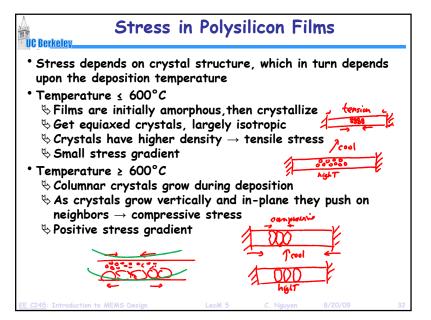


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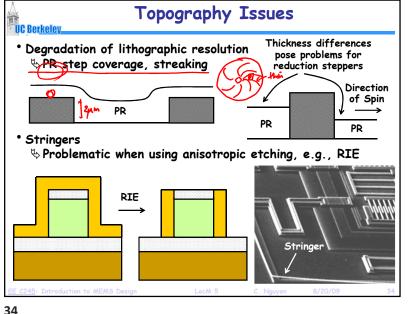




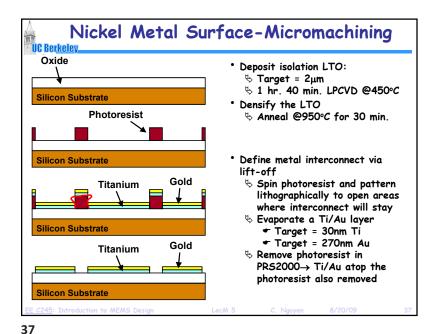


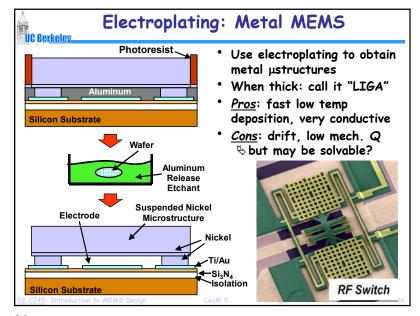


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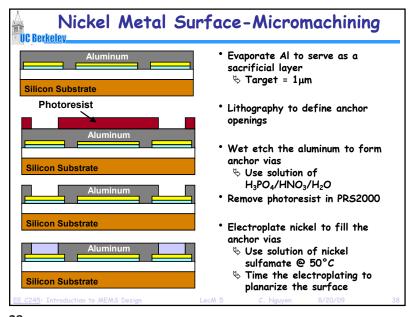


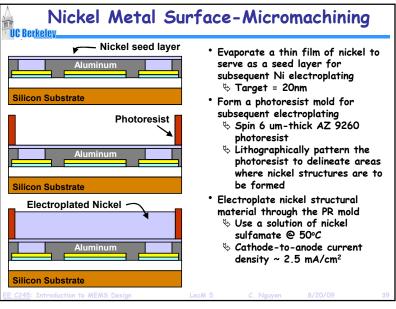


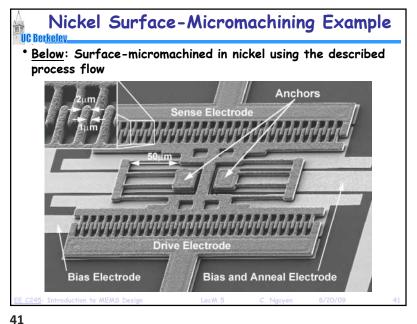


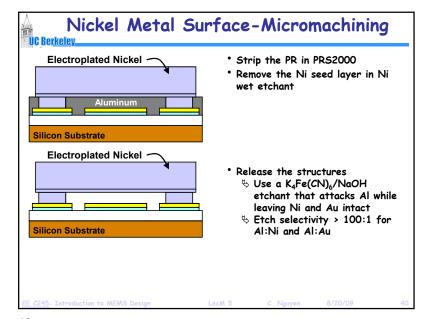


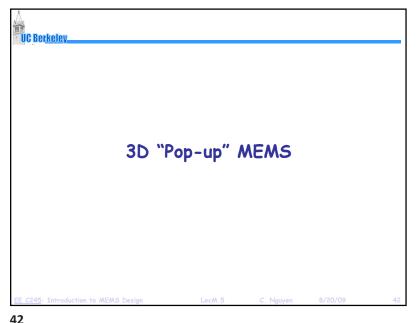
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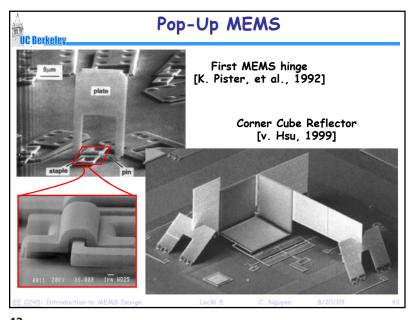


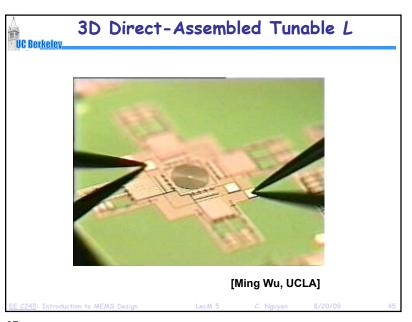


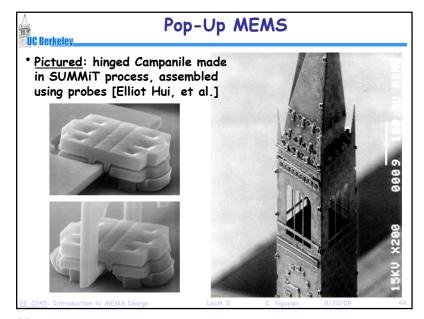




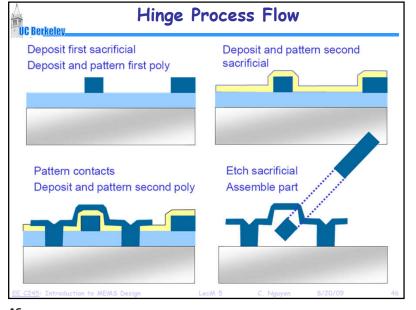


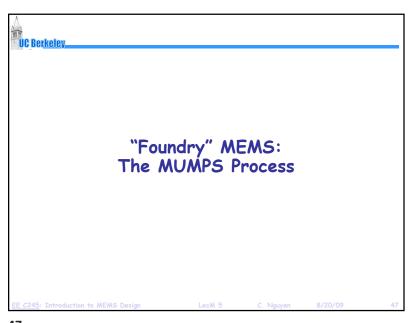


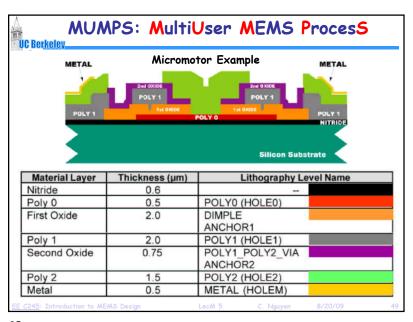


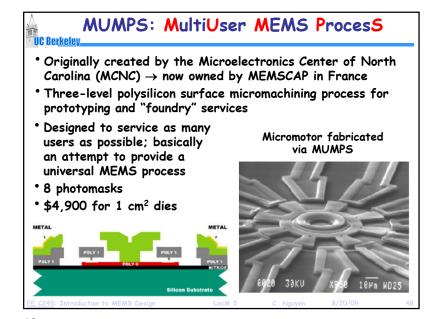


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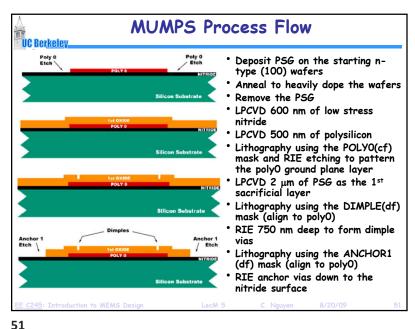


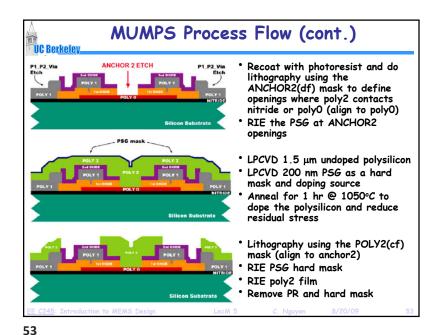


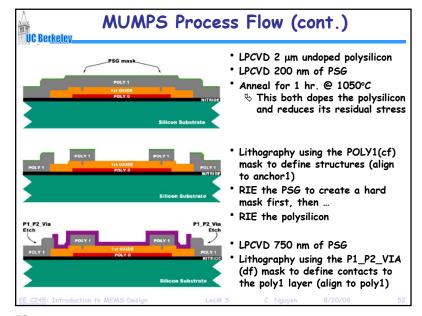
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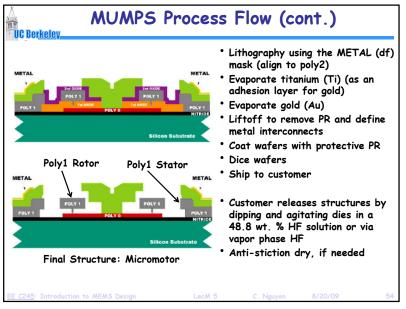
Mnemonic level name	Field type	Purpose		
POLY0	light	pattern ground plane		
ANCHOR1	dark	open holes for Poly 1 to Nitride or Poly 0 connection		
DIMPLE	dark	create dimples/bushings for Poly 1		
POLY1	light	pattern Poly 1		
POLY1_POLY2_VIA	dark	open holes for Poly 1 to Poly 2 connection		
ANCHOR2	dark	open holes for Poly 2 to Nitride or Poly 0 connection		
POLY2	light	pattern Poly 2		
METAL	light	pattern Metal		
HOLE0	dark	provide holes for POLY0		
HOLE1	dark	provide release holes for POLY1		
HOLE2	dark	provide release holes for POLY2		
HOLEM	dark	provide release holes in METAL		
• Field type:	flexibili	od masks for more  ity & ease of release  d (cf): in layout, boxes represent		

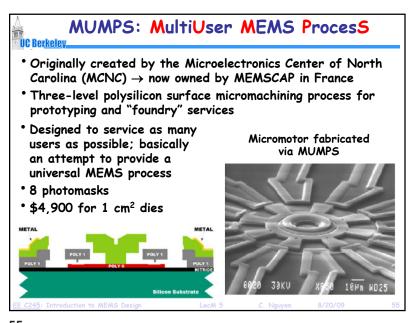
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## polyMUMPS Minimum Feature Constraints

- Minimum feature size
  - Determined by MUMPS' photolithographic resolution and alignment precision
  - Violations result in missing (unanchored), under/oversized, or fused features
  - Use minimum feature only when absolutely necessary

	Nominal [µm]	Min Feature [µm]	Min Spacing [µm]
POLYO, POLY1, POLY2	3	2	2
POLY1_POLY2_VIA	3	2	2
ANCHOR1, ANCHOR2	3	3	2
DIMPLE	3	2	3
METAL	3	3	3
HOLE1, HOLE2	4	3	3
HOLEM	5	4	4

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