Research Paper 2 Grading Rubric: **100 points total**
Adapted from this rubric
All items are graded on a scale from 0 to 5.

Content: 85 points

General / ties to coursework (15 points)	• Demonstrate a well-developed focus and a logical pattern of organization of ideas and concepts • Exhibit a broad integration of readings, demonstrating conceptual knowledge and skill • Substantially integrate key concepts and terms from course materials • Substantially evaluate, conclude, and apply concepts learned throughout the course • Support insights and assertions through research and use of additional academic resources
Introduction (15 points)	• Background section should be clear, accurate, and thorough, with professional use of literature and deep understanding of concepts

Methods (20 points)	• Apply meso-scale and/or spatial embeddings to real data
	• Include one of the following:
	  ○ Modularity
	  ○ Core/periphery
	  ○ Spatial structure
	• Clearly explain methods with sufficient detail that someone could replicate your work (including equations if necessary)
	• Include a schematic methods figure

Results (20 points)	• Provide a thorough, accurate analysis of research data • Provide 1-2 results figures (single or multi-panel)
Discussion (15 points)	• Demonstrate a deep understanding of context, explicitly connecting experimental results with the broader field and showing professional use of literature • Discuss limitations and/or sources of error

Presentation: 15 points
Papers should be approximately 2-3 journal pages in length

Clarity (5 points)	Consistently use appropriate and precise language for the assignment
Citations (5 points)	Correctly and clearly cite all sources
Formatting (5 points)	Use PNAS formatting (using the LaTeX template) • Include Title, Authors & Affiliations, Abstract, Introduction, Results, Discussion, Conclusion, Methods and Materials, Acknowledgements, and References
Figures (5 points)	Up to 5 bonus points will be available for figures that are clear, visually appealing, well-constructed, and eye-catching.