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| TOPIC | Effective Communication: | |
| 1 | Effective Presentations |  |
|  | Effective Scientific Writing | All |
|  | Journal Issues: | |
| 6 | Critiquing Research |  |
| 7 | Authorship |  |
| 8 | Impact Factors |  |
|  | Research Designs: | |
| 2 | Experimental and Non-Experimental |  |
|  | Issues of Validity and Design | Hodges |
|  | Doing Science: | |
| 3 | What is Science? |  |
|  | Research Questions & Creativity | All |
|  | Significance Testing: | |
| 4 | Null Hypothesis Significance Testing |  |
| 5 | Power and Effect size |  |
|  | Statistics: | |
|  | Ethics: | |