

Shalini Misra's Cross-Disciplinary Team Science Presentation References

- Bennett, L. M., Gadlin, H., & Marchand, C. (2018). *Collaboration team science: Field guide*. US Department of Health & Human Services, National Institutes of Health, National Cancer Institute.
- Carter SM, West MA. Reflexivity, effectiveness, and mental health in BBC-TV production teams. *Small Group Res.* 1998;29:583–601.
- Converse, S., Cannon-Bowers, J., & Salas, E. (1993). Shared mental models in expert team decision making. *Individual and group decision making: Current issues*, 221, 221-46.
- Davis MH. Empathy: a social psychological approach. Madison, WI: Westview Press; 1996.
- Edmondson, A. (1999). Psychological safety and learning behavior in work teams. *Administrative science quarterly*, 44(2), 350-383.
- Elsevier (Firm), Pan, L., & Katreko, S. (2015). A Review of the UK's Interdisciplinary Research Using a Citation-based Approach: Report to the UK HE Funding Bodies and MRC. Elsevier.
- Gajary, L. C., Misra, S., Desai, A., Evasius, D. M., Frechtling, J., Pendlebury, D. A., ... & Wells, J. (2023). Convergence Research as a 'System-of-Systems': A Framework and Research Agenda. *Minerva*, 1-34.
- Gockel C, Brauner E. The benefits of stepping into others' shoes: perspective taking strengthens transactive memory. *Basic Appl Soc Psychol.* 2013;35:222–30.
- Grant AM, Berry J. The necessity of others is the mother of invention: intrinsic and prosocial motivations, perspective-taking, and creativity. *Acad Manag J.* 2011;54:73–96.
- Hackman, J. R. (2002). *Leading teams: Setting the stage for great performances*. Harvard Business Press.
- Hackman, J. R. (2011). Collaborative intelligence: Using teams to solve hard problems. Berrett-Koehler Publishers.
- Hadorn, G. H., Pohl, C., & Bammer, G. (2010). Solving problems through transdisciplinary research. *The Oxford handbook of interdisciplinarity*, 431-452.
- Hall, K. L., Vogel, A. L., & Croyle, R. T. (2019). Strategies for team science success. Springer International Publishing. doi, 10, 978-3.
- Hall, K. L., Vogel, A. L., Huang, G. C., Serrano, K. J., Rice, E. L., Tsakraklides, S. P., & Fiore, S. M. (2018). The science of team science: A review of the empirical evidence and research gaps on collaboration in science. *American psychologist*, 73(4), 532.
- <https://new.nsf.gov/funding/learn/research-types/learn-about-convergence-research#definition>
- <https://www.jscimedcentral.com/jounal-article-pdf/Journal-of-Collaborative-Healthcare-and-Translational-Medicine-/translationalmedicine-3-1042.pdf>
- Hall, K. L., Vogel, A. L., & Crowston, K. (2019). Comprehensive collaboration plans: practical considerations spanning across individual collaborators to institutional supports. *Strategies for*

team science success: Handbook of evidence-based principles for cross-disciplinary science and practical lessons learned from health researchers, 587-612.

Harvey, S. (2014). Creative synthesis: Exploring the process of extraordinary group creativity. *Academy of management review*, 39(3), 324-343.

Hoever IJ, van Knippenberg D, van Ginkel WP, Barkema HG. Fostering team creativity: perspective taking as key to unlocking diversity's potential. *J Appl Psychol*. 2012;97:982–96.

Hogg, M. A., Van Knippenberg, D., & Rast III, D. E. (2012). Intergroup leadership in organizations: Leading across group and organizational boundaries. *Academy of management review*, 37(2), 232-255.

Klein, J. T. (2021). Beyond interdisciplinarity: Boundary work, communication, and collaboration. Oxford University Press.

Klein, K. J., & Ziegert, J. C. (2004). Leader development and change over time: A conceptual integration and exploration of research challenges. *Leader development for transforming organizations: Growing leaders for tomorrow*, 359-382.

Larivière, V., & Gingras, Y. (2014). 10 Measuring Interdisciplinarity. *Beyond bibliometrics: Harnessing multidimensional indicators of scholarly impact*, 187.

Lotrecchiano, G. & Misra, S.5 (Eds). (2020). Communication in transdisciplinary teams. Informing Science Institute: Santa Rosa, CA. (Open Educational Resource).

Mainemelis, C., Kark, R., & Epitropaki, O. (2015). Creative leadership: A multi-context conceptualization. *Academy of Management Annals*, 9(1), 393-482.

Marks, M. A., Mathieu, J. E., & Zaccaro, S. J. (2001). A temporally based framework and taxonomy of team processes. *Academy of management review*, 26(3), 356-376.

Misra, S., Harvey, R. H., Stokols, D., Pine, K. H., Fuqua, J., Shokair, S. M., & Whiteley, J. M. (2009). Evaluating an interdisciplinary undergraduate training program in health promotion research. *American Journal of Preventive Medicine*, 36(4), 358-365.

Misra, S., Stokols, D., & Cheng, L. (2015). The Transdisciplinary Orientation Scale: Factor Structure and Relation to the Integrative Quality and Scope of Scientific Publications. *Journal of Translational Medicine and Epidemiology*, 3(2): 1042. (Journal name changed to *Journal of Collaborative Healthcare and Translational Medicine*)

Morgeson, F. P., DeRue, D. S., & Karam, E. P. (2010). Leadership in teams: A functional approach to understanding leadership structures and processes. *Journal of management*, 36(1), 5-39.

Mumford, M. D., Scott, G. M., Gaddis, B., & Strange, J. M. (2002). Leading creative people: Orchestrating expertise and relationships. *The leadership quarterly*, 13(6), 705-750.

National Academies of Sciences, Engineering, and Medicine. (2019). Fostering the culture of convergence in research: proceedings of a workshop. National Academies Press.

National Research Council. (2014). Convergence: Facilitating transdisciplinary integration of life sciences, physical sciences, engineering, and beyond. National Academies Press.

- National Research Council. (2015). Enhancing the effectiveness of team science.
- Okhuysen, G. A., & Eisenhardt, K. M. (2002). Integrating knowledge in groups: How formal interventions enable flexibility. *Organization science*, 13(4), 370-386.
- Park, M., Leahey, E., & Funk, R. J. (2023). Papers and patents are becoming less disruptive over time. *Nature*, 613(7942), 138-144.
- Pohl, C., & Hadorn, G. H. (2007). Principles for designing transdisciplinary research (pp. 36-40). Munich: oekom.
- Rosenfield, P. L. (1992). The potential of transdisciplinary research for sustaining and extending linkages between the health and social sciences. *Social science & medicine*, 35(11), 1343-1357.
- Salazar, M. R., Widmer, K., Doiron, K., & Lant, T. K. (2019). Leader integrative capabilities: a catalyst for effective interdisciplinary teams. *Strategies for team science success: Handbook of evidence-based principles for cross-disciplinary science and practical lessons learned from health researchers*, 313-328.
- Schippers, M. C., West, M. A., & Dawson, J. F. (2015). Team reflexivity and innovation: The moderating role of team context. *Journal of Management*, 41(3), 769-788.
- Seeber, I., Bittner, E., Briggs, R. O., De Vreede, G. J., De Vreede, T., Druckenmiller, D., ... & Söllner, M. (2018). Machines as teammates: A collaboration research agenda.
- Shi, F., & Evans, J. (2023). Surprising combinations of research contents and contexts are related to impact and emerge with scientific outsiders from distant disciplines. *Nature Communications*, 14(1), 1641.
- Sterman, J. D. (2006). Learning from evidence in a complex world. *American journal of public health*, 96(3), 505-514.
- Stokols, D. (2006). Toward a science of transdisciplinary action research. *American journal of community psychology*, 38, 63-77.
- Stokols, D., Hall, K. L., Taylor, B. K., & Moser, R. P. (2008). The science of team science: overview of the field and introduction to the supplement. *American journal of preventive medicine*, 35(2), S77-S89.
- Stokols, D., Misra, S., Moser, R. P., Hall, K. L., & Taylor, B. K. (2008). The ecology of team science: understanding contextual influences on transdisciplinary collaboration. *American journal of preventive medicine*, 35(2), S96-S115.
- Van Ginkel, W. P., & Van Knippenberg, D. (2008). Group information elaboration and group decision making: the role of shared task representations. *Organizational behavior and human decision processes*, 105(1), 82-97.
- Wang, J., Thijs, B., & Glänzel, W. (2015). Interdisciplinarity and impact: Distinct effects of variety, balance, and disparity. *PloS one*, 10(5), e0127298.

- Wuchty, S., Jones, B. F., & Uzzi, B. (2007). The increasing dominance of teams in production of knowledge. *Science*, 316(5827), 1036-1039.
- Widmer, P. S., Schippers, M. C., & West, M. A. (2009). Recent developments in reflexivity research: A review. *Psychology of Everyday Activity*, 2(2), 2-11.
- Zaccaro, S. J., Rittman, A. L., & Marks, M. A. (2001). Team leadership. *The leadership quarterly*, 12(4), 451-483.