

**MODEL SCAMPER UNTUK MENGATASI HAMBATAN BERPIKIR  
KREATIF GURU BIMBINGAN DAN KONSELING/KONSELOR**

**DISERTASI**

Diajukan untuk Memenuhi Sebagian dari Syarat Memperoleh  
Gelar Doktor dalam Bidang Bimbingan dan Konseling



Promovendus

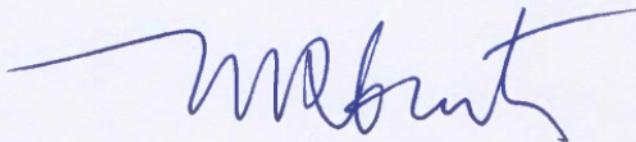
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**2022**

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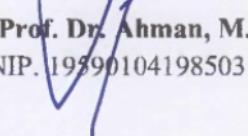
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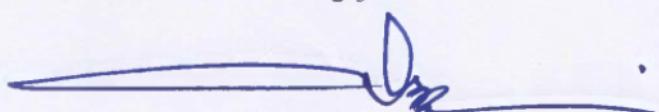
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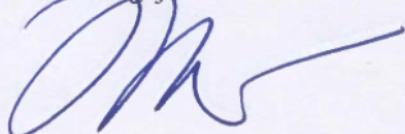
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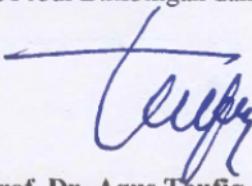
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## **PERNYATAAN**

Dengan ini saya menyatakan bahwa disertasi dengan judul Model SCAMPER Untuk Mengembangkan Kreativitas Guru Bimbingan Dan Konseling/Konselor Sekolah ini beserta seluruh isinya adalah benar-benar karya saya sendiri, dan saya tidak melakukan penjiplakan atau pengutipan dengan cara-cara yang tidak sesuai dengan etika keilmuan yang berlaku dalam masyarakat keilmuan. Atas pernyataan ini, saya siap menanggung risiko/sanksi yang dijatuhkan kepada saya apabila kemudian ditemukan adanya pelanggaran terhadap etika keilmuan dalam karya saya ini, atau ada gugatan dari pihak lain terhadap keaslian karya saya ini.

Bandung, 23 Januari 2022  
Yang membuat pernyataan,  
  
Eko Susanto  
NIM. 1502893

## KATA PENGANTAR

Puji syukur kehadirat Allah Yang Maha Besar sumber segala Ilmu Pengetahuan dan dengan Rahmat-Nya penulis dapat menuntaskan penelitian disertasi sebagai salah satu syarat untuk memperoleh gelar Doktor pada Program Studi Bimbingan dan Konseling, Program Pascasarjana Universitas Pendidikan Indonesia. Shalawat dan salam tercurah kepada Rasulullah Muhammad SAW, sebagai suri taudalan sampai akhir zaman, semoga kita tergolong orang-orang yang diberikan safā'at di hari akhir kelak.

Penelitian ini mengkaji dan mendeskripsikan tentang Model SCAMPER Untuk Mengatasi Hambatan Berpikir Kreatif Guru Bimbingan dan Konseling/Konselor. Tujuan utama penelitian ini adalah menghasilkan sebuah model SCAMPER sebagai teknik untuk mengatasi hambatan berpikir kreatif Guru Bimbingan dan Konseling/Konselor. Model SCAMPER secara operasional didefinisikan sebagai panduan sistematis untuk melatih kemampuan berpikir kreatif, yang dapat digunakan oleh guru bimbingan dan konseling/konselor untuk membantu mengatasi hambatan berpikir kreatif. Istilah SCAMPER merupakan akronim yang dirancang untuk mengarahkan eksplorasi kreatif. Setiap huruf dari kata SCAMPER adalah akronim dari Substitute, Combine, Adapt, Modify, Put to other uses, Eliminate, dan Rearrange/Reverse. Setiap istilah pada huruf-huruf ini sekaligus sebagai tahapan untuk mendorong pemikiran dan tindakan kreatif.

Model SCAMPER yang dikembangkan pada penelitian ini merupakan hasil modifikasi dari model scamper yang asli. Secara substansi dirancang khusus untuk digunakan oleh guru bimbingan dan konseling/konselor. Kreativitas guru bimbingan dan konseling/konselor didefinisikan sebagai kemampuan imajinatif guru bimbingan dan konseling/konselor dalam aspek *thinking* dan *feeling*. Kemampuan berpikir (*thinking*) yang memiliki fluensi tinggi (banyak ide), fleksibel (ide-ide yang dapat beradaptasi), dan elaborasi (kemampuan untuk menambahkan rincian pada ide-ide). Sedangkan kemampuan rasa/perasaan (*feeling*) yakni kemampuan untuk mengembangkan rasa ingin tahu, kemauan untuk mengambil risiko, dan intuisi.

Penelitian ini merujuk pada pemikiran bahwa pentingnya kreativitas pada guru bimbingan dan konseling/konselor. Dalam menjalankan tugas pelayanan bimbingan dan konseling sangat diperlukan adanya kreativitas. Guru bimbingan dan konseling/konselor yang kreatif akan memberi dampak positif pada layanan bimbingan dan konseling yang dilakukan. Dalam mendukung kondisi semacam ini maka dipandang perlu untuk mengatasi hambatan-hambatan berpikir kreatif pada guru bimbingan dan konseling/konselor. Model SCAMPER yang dikembangkan pada penelitian ini ditawarkan oleh peneliti sebagai salah satu alat untuk mengatasi hambatan berpikir kreatif pada guru bimbingan dan konseling/konselor.

Demikian kontribusi yang dapat diberikan dari penelitian ini, Semoga hasil penelitian ini dapat membawa manfaat bagi banyak pihak khususnya penulis dan para praktisi bimbingan dan konseling serta umumnya para pembaca. Aamiin.

Bandung, 23 Januari 2022



Eko Susanto

## UCAPAN TERIMA KASIH

Puji dan syukur kehadirat Allah SWT atas segala nikmat dan kesempatan untuk terus belajar sehingga dapat menyelesaikan penelitian ini. Shalawat dan salam kepada baginda Rasullah Muhammad SAW sebagai suri tauladan sejati yang menginspirasi peneliti. Bantuan dari banyak pihak sangat membantu peneliti dalam menyelesaikan seluruh rangkaian penelitian dengan baik. Untuk itu saya mengucapkan banyak terima kasih kepada Tim Promotor atas kesungguhan dan ketelitian selama proses bimbingan, terima kasih atas wejangan, motivasi, dan segala bentuk dukungan moral dan spiritual dalam menyelesaikan penulisan disertasi. Selaku ketua tim promotor Prof. Dr. Cece Rakhmat, M.Pd., ko-promotor Prof. Dr. Ahman, M.Pd., dan anggota promotor Prof. Dr. Syamsu Yusuf LN, M.Pd. Tak lupa pula kepada Almarhum Dr. Nurhudaya, M.Pd. sebagai anggota promotor, semoga Allah SWT memberikan tempat terbaik untuk beliau, Aamiin.

Ucapan terima kasih saya ucapkan kepada seluruh jajaran sivitas akademik di Universitas Pendidikan Indonesia (UPI), kepada Rektor Universitas Pendidikan Indonesia (UPI) Prof. Dr. M. Solehuddin, M.Pd., M.A., kepada Dekan Fakultas Ilmu Pendidikan UPI Dr. Rudi Susilana, M.Sc.; dan Prof. Dr. Agus Taufiq, M.Pd. selaku Ketua Program Studi Bimbingan dan Konseling, Fakultas Ilmu Pendidikan UPI; Drs. Jazim Ahmad, M.Pd. selaku Rektor Universitas Muhammadiyah Metro yang memberikan kesempatan tugas belajar. Ucapan terima kasih saya ucapkan pula kepada seluruh dosen di Program Studi Bimbingan dan Konseling, Fakultas Ilmu Pendidikan UPI, yang turut memotivasi sekaligus rekan diskusi selama menyelesaikan studi, kepada Dr. Yaya Sunarya, M.Pd., Dr. Eka Sakti Yudha, M.Pd.. Semoga amal baik semua pihak tercatat sebagai pahala.

Kepada kedua Orang tua tercinta, Bapak Juandi dan Ibu Siti Asiyah atas doa yang senantiasa mengiringi, kepada kedua Bapak dan Ibu Mertua atas dukungan moral dan spiritual serta waktu yang diluangkan untuk menjaga anak-anak saya dirumah selama studi. Khusus kepada istri tercinta, Yuni Novitasari yang setia menemani dirumah dan dikelas, atas semangat serta keikhlasan menemani selama penyelesaian studi. Kepada anak-anak, Fatiya Najwa Nuranisa dan Farzana Adelia Azka sebagai buah hati, penghibur diri, sumber keceriaan, sumber motivasi dan inspirasi.

Teman-teman seperjuangan S3 BK 2015, Yuni Novitasari (istri saya dan teman terbaik dikelas), Ade Hidayat, Sudaryat Nurdin Akhmad, Agus Sukirno, Dody Hartanto, Sri Hidayati, Yeni Rizal, Uray Herlina, Neng Gustini, Suciani Latif, Euis Nurhidayati, Eva Imania Eliasa, Ranni Rahmayanthi Z, terima kasih atas diskusi dan kebersamaannya selama masa studi di kampus. Kepada banyak pihak yang berkontribusi membantu dalam proses penyelesaian studi. Semoga segala bentuk bantuan dan kebaikan Bapak/Ibu/Saudara/i menjadi amal ibadah di sisi Allah SWT. *Aamiin.*

Bandung, 23 Januari 2022



Eko Susanto

## **MOTTO**

*“Kreativitas bukan segalanya, Tapi segalanya butuh Kreativitas”*

## **KATA MUTIARA**

*“Kreativitas berimplikasi pada kesehatan mental konselor”*

*“Solusi dari seorang konselor adalah manifestasi dari kreativitas”*

## ABSTRAK

**Eko Susanto (2022).** Model Scamper Untuk Mengatasi Hambatan Berpikir Kreatif Guru Bimbingan dan Konseling/Konselor.

Tujuan penelitian ini untuk menghasilkan Model SCAMPER untuk mengatasi hambatan berpikir kreatif Guru Bimbingan dan Konseling/Konselor. Model SCAMPER dihasilkan dengan cara melakukan modifikasi dari model Scamper yang sudah ada sebelumnya. Model SCAMPER secara operasional didefinisikan sebagai panduan sistematis untuk melatih kemampuan berpikir kreatif, yang dapat digunakan oleh guru bimbingan dan konseling/konselor untuk membantu mengatasi hambatan berpikir kreatif. Kreativitas guru bimbingan dan konseling/konselor didefinisikan sebagai kemampuan imajinatif guru bimbingan dan konseling/konselor dalam aspek *thinking* dan *feeling*. Aspek *thinking* seperti fluensi tinggi (banyak ide), fleksibel (ide-ide yang dapat beradaptasi), dan elaborasi (kemampuan untuk menambahkan rincian pada ide-ide). Aspek *feeling* yakni kemampuan untuk mengembangkan rasa ingin tahu, kemauan untuk mengambil risiko, dan intuisi. Metode penelitian yang digunakan diantaranya adalah survei, *systematic review*, deskriptif dan quasi experiment. Penelitian dilakukan dalam tiga tahapan sebagai berikut: (1) Tahap pertama, studi pedahuluan dengan melakukan studi pustaka, untuk menemukan gap dan alasan empiris dari penelitian yang dilakukan, dan bersamaan dengan itu dilakukan kegiatan survei lapangan. *Systematic review* dilakukan untuk menjaring data terkait studi terdahulu untuk mendapatkan gambaran terkait model SCAMPER, dilanjutkan dengan membuat draf model SCAMPER. (2) Tahap kedua, perancangan model lebih lanjut berdasarkan pada semua sumber yang diperoleh, dilakukan proses perancangan model SCAMPER secara lebih rinci. Kemudian dilanjutkan dengan validasi ahli untuk menilai validitas konten dari model SCAMPER hasil modifikasi. (3) Tahap ketiga, ujicoba Model SCAMPER, kegiatan ujicoba model dengan melakukan eksperimen semu. Partisipan yang dilibatkan dalam penelitian ini adalah guru bimbingan dan konseling/konselor dan dosen prodi bimbingan dan konseling. Hasil penelitian menunjukkan bahwa model SCAMPER yang dikembangkan teruji layak dan efektif untuk mengatasi hambatan berpikir kreatif Guru Bimbingan dan Konseling/Konselor.

Kata Kunci: model scamper; kreativitas; guru bimbingan dan konseling/konselor; *thinking* dan *feeling*

## ABSTRACT

**Eko Susanto (2022).** Scamper Model to Overcome Creative Thinking Barrier of School Counselors.

This study aimed to produce a SCAMPER model to overcome the barriers to the creative thinking of school counselors. The SCAMPER model is generated by modifying the existing Scamper model. The SCAMPER model is operationally defined as a systematic guide to practicing creative thinking skills, which can be used by school counselors to help overcome creative thinking barriers. The creativity of the school counselors is defined as the imaginative ability of the school counselors in thinking and feeling. Aspects of thinking such as high fluency (lots of ideas), flexibility (adaptable ideas), and elaboration (ability to add details to ideas). The feeling is the ability to develop curiosity, willingness to take risks, and intuition. The research methods used include survey, systematic review, descriptive and quasi-experimental. The research was carried out in three stages: (1) The first stage is a preliminary study by conducting a literature study to find gaps and empirical reasons for the research carried out, and at the same time conducting a field survey. A systematic review was conducted to collect data related to previous studies to get an overview of the SCAMPER model, followed by drafting the SCAMPER model. (2) The second stage, the other model design, is based on all sources obtained, and the process of designing the SCAMPER model is carried out in more detail. Then proceed with expert validation to assess the validity of the content of the modified SCAMPER model. (3) The third stage, testing the SCAMPER Model, model testing activities by conducting quasi-experiments. The participants in this study were school counselors and lecturers of the guidance and counseling study program. The results showed that the developed SCAMPER model was tested feasible and effective in overcoming the creative thinking barriers of school counselors.

Keywords: scamper model; creativity; school counselors; thinking and feeling

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## DAFTAR PUSTAKA

- Akhtar, H. (2017). Semesta psikometrika: perbedaan adaptasi, modifikasi, dan konstruksi skala. In *Semesta Psikometrika*.
- Al-asqah, S. S., Al-qudah, M. F., & Salamah, I. (2021). *The Effectiveness of SCAMPER Strategy in Enhancing Gifted Students' Habits of Mind and Achievement Motivation*. 15(7), 885–901.
- Amabile, T. M. (1996). *Creativity in context: Update to the social psychology of creativity*. Hachette UK.
- Amabile, T. M., & Khaire, M. (2008). Creativity and the role of the leader. *Harvard Business Review*, 86(10), 100-109,142.
- Bateson, P., & Nettle, D. (2014). Playfulness, Ideas, and Creativity: A Survey. *Creativity Research Journal*, 26(2), 219–222.  
<https://doi.org/10.1080/10400419.2014.901091>
- Batey, M. (2012). The Measurement of Creativity: From Definitional Consensus to the Introduction of a New Heuristic Framework. *Creativity Research Journal*, 24(1), 55–65. <https://doi.org/10.1080/10400419.2012.649181>
- Batey, M., & Furnham, A. (2006). Creativity, intelligence, and personality: A critical review of the scattered literature. *Genetic, Social, and General Psychology Monographs*, 132(4), 355–429.  
<https://doi.org/10.3200/MONO.132.4.355-430>
- Beghetto, R. A., & Kaufman, J. C. (2014). Classroom contexts for creativity. *High Ability Studies*, 25(1). <https://doi.org/10.1080/13598139.2014.905247>
- Benefiel, M.; Fry, L. W.; Geigle, D. (2014). Spirituality and religion in the workplace: History, theory, and research. - ProQuest. *Psychology of Religion and Spirituality*, 6(3), 175–187.  
<https://doi.org/http://dx.doi.org.proxy2.library.illinois.edu/10.1037/a0036597>
- Bierly, P. E., Kolodinsky, R. W., & Charette, B. J. (2009). Understanding the complex relationship between creativity and ethical ideologies. *Journal of Business Ethics*, 86(null), 101.
- Binkley, M., Erstad, O., Herman, J., Raizen, S., Ripley, M., Miller-Ricci, M., & Rumble, M. (2012). Defining Twenty-First Century Skills. In P. Griffin, B. McGaw, & E. Care (Eds.), *Assessment and Teaching of 21st Century Skills* (p. 362). Springer London. <https://doi.org/10.1007/978-94-007-2324-5>
- Bowman, V. E., & Boone, R. K. (1998). No Title. *Journal for Specialists in Group Work*, 23(null), 388.
- Bradley, N., Whisenhunt, J., Adamson, N., & Kress, V. E. (2013). Creative

- Approaches for Promoting Counselor Self-Care. *Journal of Creativity in Mental Health*, 8(4), 456–469.  
<https://doi.org/10.1080/15401383.2013.844656>
- Brendel, J. M., Kolbert, J. B., & Foster, V. A. (2002). Promoting student cognitive development. *Journal of Adult Development*, 9(null), 217.
- Buser, J. K., Buser, T. J., Gladding, S. T., & Wilkerson, J. (2011a). The Creative Counselor: Using the SCAMPER Model in Counselor Training. *Journal of Creativity in Mental Health*, 6(4), 256–273.  
<https://doi.org/10.1080/15401383.2011.631468>
- Buser, J. K., Buser, T. J., Gladding, S. T., & Wilkerson, J. (2011b). The Creative Counselor: Using the SCAMPER Model in Counselor Training. *Journal of Creativity in Mental Health*, 6(4), 256–273.  
<https://doi.org/10.1080/15401383.2011.631468>
- Canel, A. N. (2015). A Program Based on the Guilford Model that Enhances Creativity and Creative Psychological Counseling. *Sanitas Magisterium*, 1(2). <https://doi.org/10.12738/SM/2015.2.007>
- Carson, D. K., & Becker, K. W. (2004). *When Lightning Strikes: Reexamining Creativity in Psychotherapy*. 82, 111–115.
- Chan, T.-H. T. H. (2017). Utilize SCAMPER to design a navigation system for dental implant. In P. S. D. Meen T.-H. Lam A.D.K.-T. (Ed.), *Proceedings of the 2017 IEEE International Conference on Applied System Innovation: Applied System Innovation for Modern Technology, ICASI 2017* (pp. 574–577). Institute of Electrical and Electronics Engineers Inc.  
<https://doi.org/10.1109/ICASI.2017.7988487>
- Chien, C., & Hui, A. N. N. (2010). *Creativity in early childhood education : Teachers ' perceptions in three Chinese societies* 5, 49–51.  
<https://doi.org/10.1016/j.tsc.2010.02.002>
- Cohen, J. (1988). *Statistical Power Analysis for the Behavioral Sciences* (2nd ed.). Hillsdale, NJ: Lawrence Erlbaum.
- Cole, H. P., & Sarnoff, D. (1980). Creativity and Counseling. In *Personnel & Guidance Journal* (Vol. 59, Issue 3, p. 140).  
<http://search.ebscohost.com/login.aspx?direct=true&db=bth&AN=6458973&site=ehost-live%5Cnhttp://content.ebscohost.com/ContentServer.asp?T=P&P=AN&K=6458973&S=R&D=bth&EbscoContent=dGJyMMTo50SeqLI4yNfsOLCmr0yep7FSrqq4TLeWxWX&ContentCustomer=dGJyMPGus1CuqK9RueP>
- Craft, A., Cremin, T., Hay, P., & Clack, J. (2014). Creative primary schools: developing and maintaining pedagogy for creativity. *Ethnography and Education*, 9(1), 16–34. <https://doi.org/10.1080/17457823.2013.828474>

- Craft, A., Jeffrey, B., & Leibling, M. (2007). Creativity in Education. In *SBritish Library* (Vol. 1).
- Creswell, J. W. (2012). *Educational research : planning, conducting, and evaluating quantitative and qualitative research* (4th ed.). Pearson Education.
- D'Andrea, M., Hayes, R., & Aubrey, R. (1988). *New directions for counseling and human development: Vol. null* (null (ed.)).
- Damian, R. I., & Simonton, D. K. (2015). Four Psychological Perspectives on Creativity. *Emerging Trends in the Social and Behavioral Sciences*, 1–15.
- Davis, C. S., & Lachlan, K. A. (2017). *Straight Talk About Communication Research Methods*.
- Duffey, T., Haberstroh, S., & Trepal, H. (2009). A Grounded Theory of Relational Competencies and Creativity in Counseling: Beginning the Dialogue. *Journal of Creativity in Mental Health*, 4(2), 89–112.  
<https://doi.org/10.1080/15401380902951911>
- Eberle, R. F. (1972). Developing Imagination Through Scamper. *The Journal of Creative Behavior*, 6(3), 199–203. <https://doi.org/10.1002/j.2162-6057.1972.tb00929.x>
- El Haqqie, A. (2020). *Laporan Praktikum Pembuatan Model Simulasi dengan Aplikasi Powersim Studio 10 Express*.  
<https://doi.org/10.13140/RG.2.2.30429.97769>
- Esquivel, G. B. (1995). Teacher behaviors that foster creativity. *Educational Psychology Review*, 7(2), 185–202. <https://doi.org/10.1007/BF02212493>
- Etikan, I. (2017). Sampling and Sampling Methods. *Biometrics & Biostatistics International Journal*, 5(6), 215–217.  
<https://doi.org/10.15406/bbij.2017.05.00149>
- Faiver, C. M., McNally, C. J., & Nims, P. J. (2000). Teaching a Workshop on Creativity and Intuition in Counseling. *The Journal of Humanistic Counseling, Education and Development*, 38(4), 220–229.  
<https://doi.org/10.1002/j.2164-490x.2000.tb00083.x>
- Feist, G. J. (1998). A meta-analysis of personality in scientific and artistic creativity. *Personality and Social Psychology Review*, 2(null), 290.
- Feldman, D. H., & Benjamin, A. C. (2006). Creativity and education: An American retrospective. *Cambridge Journal of Education*, 36(3), 319–336.  
<https://doi.org/10.1080/03057640600865819>
- Frey, D. H. (1975). The Anatomy of an Idea: Creativity in Counseling. *The Personnel and Guidance Journal*, 54(1), 22–27.

- <https://doi.org/10.1002/j.2164-4918.1975.tb04166.x>
- Gana, M. B., & Abba Shani, I. (2017). *Creativity in Guidance and Counselling*. 1–13.
- Garfield, S. J., Cohen, H. A., & Roth, R. M. (1969). Creativity and Mental Health. *The Journal of Educational Research*, 63(4), 147–149.  
<https://doi.org/10.2307/27535944>
- Gignac, G., & Szodorai, E. (2016). Effect size guidelines for individual differences researchers. *Personality and Individual Differences*, 102, 74–78.  
<https://doi.org/10.1016/j.paid.2016.06.069>
- Gladding, S. (2008). The Impact of Creativity in Counseling. *Journal of Creativity in Mental Health*, 3, 97–104. <https://doi.org/10.1080/15401380802226679>
- Gladding, S. T. (2005). *Counseling as an art: The creative arts in counseling*: Vol. null (3rd (ed.)).
- Gladding, S. T. (2008). The Impact of Creativity in Counseling. *Journal of Creativity in Mental Health*, 3(2), 97–104.  
<https://doi.org/10.1080/15401380802226679>
- Gladding, S. T. (2010). *The Creative Arts in Counseling-Amer Counseling*.
- Gladding, S. T. (2011). *Using Creativity and the Creative Arts in Counseling : An International Approach Yaratıcılığı ve Yaratıcı Sanatlari Psikolojik danışmada Kullanma : Bir Uluslararası Yaklaşım*. 4(35), 1–7.
- Gladding, S. T. (2013). *Counseling : a comprehensive profession*. Pearson.
- Gladding, S. T., Drake, M., & Education, C. (2012). Perspectives on Creativity , Counseling , and the Contributions of Counselors and Entertainers to Mental Health : The Rogers. *Journal of Creativity in Mental Health*, 7(4), 355–364.  
<https://doi.org/10.1080/15401383.2012.739959>
- Gladding, S. T., & Henderson, D. A. (2000). Creativity and family counseling: The SCAMPER model as a template for promoting creative processes. *The Family Journal*, 8(3), 245–249. <https://doi.org/10.1177/1066480700083005>
- Glăveanu, V. P. (2010). Creativity in Context: The Ecology of Creativity Evaluations and Practices in an Artistic Craft. *Psychological Studies*, 55(4), 339–350. <https://doi.org/10.1007/s12646-010-0056-8>
- Goleman, D. (1996). *Emotional intelligence*.
- Hoffmann, J., Ivcevic, Z., Brackett, M., Hoffmann, J., Ivcevic, Z., & Brackett, M. (2016). *Creativity in the Age of Technology : Measuring the Digital Creativity of Millennials Creativity in the Age of Technology : Measuring the Digital Creativity of Millennials*. 0419(May).

<https://doi.org/10.1080/10400419.2016.1162515>

- Holm-hadulla, R. M., & Hofmann, F. (2012). Counselling , psychotherapy and creativity. *Asia Pacific Journal of Counselling and Psychotherapy*, 3(2), 130–136.
- Idek, M. (2016). Measuring the application of SCAMPER technique in facilitating creative and critical thinking in composing short stories and poems. *Malaysian Journal of Higher Order Thinking Skills in Education*, 2(October), 30–53.
- Idrus, M. (2000). *Kreativitas Siswa SLTPN 2 dan SLTPN 4 Kotamadya Yogyakarta*. <http://kajian.uji.ac.id/wp-content/uploads/2011/06/PENELITIAN-KREATIVITAS.pdf>
- Ind, N., & Watt, C. (2004). *Inspiration: capturing the creative potential of your organisation*. Palgrave Macmillan.
- JASP. (2021). Jasp - a fresh way to do statistics. In *JASP - Free and User-Friendly Statistical Software*. <https://jasp-stats.org/>
- Jeffrey, B., & Craft, A. (2004). Teaching creatively and teaching for creativity: distinctions and relationships. *Educational Studies*, 30(1), 77–87. <https://doi.org/10.1080/10632910903455785>
- Jeffrey, B., Craft, A., Jeffrey, B., & Craft, A. (2016). *Teaching creatively and teaching for creativity : distinctions and relationships* *Teaching creatively and teaching for creativity : distinctions and relationships*. 5698(October). <https://doi.org/10.1080/0305569032000159750>
- Kalemba, A., Dewicka, A., & Zywert, A. (2017). The application of TRIZ and SCAMPER as innovative solutions methods to ergonomic problem solving. In B. M. P. C. P. C. P. C. N. M. A. S. P. G. B. J. S. Melo R.B. Arezes P.M. (Ed.), *Occupational Safety and Hygiene V - Proceedings of the International Symposium on Occupational Safety and Hygiene, SHO 2017* (pp. 473–478). CRC Press/Balkema. <https://doi.org/10.1201/9781315164809-89>
- Kamis, A., Ghani Che Kob, C., Hustvedt, G., Mat Saad, N., Jamaluddin, R., & Bujeng, B. (2020). The effectiveness of SCAMPER techniques on creative thinking skills among fashion design vocational college. In *EurAsian Journal of BioSciences Eurasia J Biosci* (Vol. 14, pp. 4109–4117).
- Kaplan, D. M., Tarvydas, V. M., & Gladding, S. T. (2014). *Trends Counseling : The New Consensus Definition of Counseling*. 92(July), 366–372. <https://doi.org/10.1002/j.1556-6676.2014.00164.x>
- Karaca, N. H., Uzun, H., & Metin, S. (2020). The relationship between the motor creativity and peer play behaviors of preschool children and the factors affecting this relationship. *Thinking Skills and Creativity*, 38, 100716. <https://doi.org/https://doi.org/10.1016/j.tsc.2020.100716>

- Kartadinata, S. (2011). *Menguak Tabir Bimbingan dan Konseling Sebagai Upaya Pedagogis*. UPI Press.
- Kaufman, J. C., Plucker, J. a, & Baer, J. (2008). Essentials of creativity assessment. In *Essentials of psychological assessment series*.  
<http://www.loc.gov/catdir/enhancements/fy0827/2008008343-d.html%5Cnhttp://www.loc.gov/catdir/enhancements/fy0827/2008008343-t.html>
- Kaytez, N., & Güngör Aytar, A. (2016). Analysis of the Effect of Scamper Education Program on five-year-old children's creativity. *Journal of Human Sciences*, 13(3), 5968. <https://doi.org/10.14687/jhs.v13i3.4037>
- Ken Robinson, S. (2007). *Do Schools Kill Creativity?* youtube.com.  
<https://www.youtube.com/watch?v=iG9CE55wbtY&list=PL70DEC2B0568B5469>
- Kerr, B., & McKay, R. (2013). Searching for Tomorrow's Innovators: Profiling Creative Adolescents. *Creativity Research Journal*, 25(1), 21–32.  
<https://doi.org/10.1080/10400419.2013.752180>
- Kimbell, R. (2000). Creativity in Crisis. *The Journal of Design and Technology Education*, 5(3), 206–211.  
<http://ojs.lboro.ac.uk/ojs/index.php/JDTE/article/view/327>
- Kirsch, C., Lubart, T., & Houssemand, C. (2015). Creative Personality Profile in Social Sciences: The Leading Role of Autonomy. *Creativity. Theories – Research - Applications*, 2(2), 180–211. <https://doi.org/10.1515/ctra-2015-0020>
- Kottler, J. A., & Carlson, J. (2009). *Creative breakthroughs in therapy: Tales of transformation and astonishment: Vol. null* (null (ed.)).
- Lawrence, C., Foster, V. A., & Tieso, C. L. (2015a). Creating creative clinicians: Incorporating creativity into counselor education. *Journal of Creativity in Mental Health*, 10(2), 166–180.  
<https://doi.org/10.1080/15401383.2014.963188>
- Lawrence, C., Foster, V. A., & Tieso, C. L. (2015b). Creating Creative Clinicians: Incorporating Creativity Into Counselor Education. *Journal of Creativity in Mental Health*. <https://doi.org/10.1080/15401383.2014.963188>
- Lin, Y. S. (2011). Fostering Creativity through Education: A Conceptual Framework of Creative Pedagogy. *Creative Education*, 2(3), 149–155.  
<https://doi.org/10.4236/ce.2011.23021>
- Lin, Y. S. (2012). Adopting Creative Pedagogy into Asian Classrooms? –Case Studies of Primary School Teachers' Responses and Dilemma. *Journal of Education and Learning*, 1(2), 205–216.  
<https://doi.org/10.5539/jel.v1n2p205>

- Mansfield, R. S., Busse, T. V., & Krepelka, E. J. (1978). The Effectiveness of Creativity Training. *Review of Educational Research*, 48(4), 517–536. <https://doi.org/10.3102/00346543048004517>
- Martin, L. P. (1998). The cognitive-style inventory. *The Pfeiffer Library*, 8(2), 1–18.
- McCarthy, J. (2018). Do Creative Thinking and Creative Problem-Solving Have a Place in Counseling Curricula? *Journal of Creativity in Mental Health*, 13(3), 306–317. <https://doi.org/10.1080/15401383.2018.1433092>
- McCarthy, J., Shannon, E., & Bruno, M. (2020). Creative Question Framing: 12 Ideas for Counselors in Training. *Journal of Creativity in Mental Health*, 16(4), 499–510.
- McCarthy, R., & Pittaway, S. (2014). An Historical Exploration of Creativity Research. In N. Fitzallen, R. Reaburn, & S. Fan (Eds.), *The Future of Educational Research* (pp. 111–120). SensePublishers. [https://doi.org/10.1007/978-94-6209-512-0\\_10](https://doi.org/10.1007/978-94-6209-512-0_10)
- Michalko, M. (2001). *Cracking Creativity The Secrets of Creative Genius*. Ten Speed Press.
- Mijares-Colmenares, B. E., Masten, W. G., & Underwood, J. R. (1988). Effects of the Scamper technique on anxiety and creative thinking of intellectually gifted students. *Psychological Reports*, 63(2), 495–500. <https://doi.org/10.2466/pr0.1988.63.2.495>
- Mitchell, A., Varnado-Johnson, C., & Landry, B. (2017). *Creative Counseling : An Experiential Session Presentation*. <http://www.lacounseling.org/images/lca/Conference/creative interventions presentation - LCA2014.pdf>
- Moreno, D. P., Yang, M. C., Hernández, A. A., & Wood, K. L. (2014). Creativity in transactional design problems: Non-intuitive findings of an expert study using scamper. In B. N. P. N. Marjanovic D. Storga M. (Ed.), *Proceedings of International Design Conference, DESIGN* (Vols. 2014-Janua, pp. 569–578). Faculty of Mechanical Engineering and Naval Architecture. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907945320&partnerID=40&md5=cc1d789678e0288aca0f64d42e4bf1a7>
- NC STate University. (2014). Higher-Order Thinking Competencies in Critical and Creative Thinking. *Quality Enhancement Plan, January*, 108.
- Nettle, D. (2001). Strong imagination: Madness, creativity and human nature. In *Strong imagination: Madness, creativity and human nature*. Oxford University Press.
- Newton, L. D., & Newton, D. P. (2014). *Creativity in 21 st -century education*. 575–589. <https://doi.org/10.1007/s11125-014-9322-1>

- Nunes de Carvalho, D., Louro Figueira, F., Rojas Lezana, A. G., & De Souza, J. A. (2018). Revisão estruturada de literatura: Scamper método de geração de ideias. *Revista Brasileira Multidisciplinar*, 21(3), 6–29. <https://doi.org/10.25061/2527-2675/rebram/2018.v21i3.561>
- Özyaprak, M. (2016). The effectiveness of SCAMPER technique on creative thinking skills. *Journal for the Education of Gifted Young Scientists*, 4(1), 31–40. <https://doi.org/10.17478/JEGYS.2016116348>
- Park, S. H. (2013). *A Study on Item-Analysis of Gough 's A Creative Personality Scale for the Adjective Check List*. 36(Education), 54–57.
- Prasetyyo, R. (2015). *Mengenal Teknik Scamper*. Kaskus Forum. <https://www.kaskus.co.id/thread/566c139c902cfe9f1d8b4568/mengenal-teknik-scamper-supaya-bisa-quotkreatifquot-yuk-masuk-aja/>
- Radziszewski, E. (2017). SCAMPER and Creative Problem Solving in Political Science: Insights from Classroom Observation. *Journal of Political Science Education*, 13(3), 308–316. <https://doi.org/10.1080/15512169.2017.1334562>
- Rashmi. (2012). Fostering Creativity : A Four Elemental Model of Creative Pedagogy. *Journal of Education and Practice*, 3(12), 190–201. <http://iiste.org/Journals/index.php/JEP/article/view/2898>
- Reiter-Palmon, R., Mumford, M. D., & Threlfall, K. V. (1998). Solving everyday problems creatively: The role of problem construction and personality type. *Creativity Research Journal*, 11(null), 187.
- Richards, R. (2010). Everyday Creativity in the Classroom: A Trip through Time with Seven Suggestions. In J. C. Kaufman & R. A. Beghetto (Eds.), *Nurturing Creativity in the Classroom* (pp. 206–234). Cambridge University Press. <https://doi.org/DOI: 10.1017/CBO9780511781629.011>
- Rogers, C. R. (1961). *On becoming a person: Vol. null* (null (ed.)).
- Runco, M. A. (2004). Creativity. *Annual Review of Psychology*, 55(1), 657–687. <https://doi.org/10.1146/annurev.psych.55.090902.141502>
- Runco, M. A., & Chand, I. (1995). Cognition and creativity. *Educational Psychology Review*, 7(null), 243.
- Runco, M. A., & Jaeger, G. J. (2012). The Standard Definition of Creativity. *Creativity Research Journal*, 24(1), 92–96. <https://doi.org/10.1080/10400419.2012.650092>
- Runco, M. A., & Kim, D. (2013). Four Ps of Creativity and Recent Updates. In *Encyclopedia of Creativity , Invention , Innovation , and Entrepreneurship* (p. 1941). Springer London. <https://doi.org/10.1007/978-1-4614-3858-8>
- Santos, L. B., Martínez, G. A. E., & Martínez, G. A. S. (2017). Model for creative

- problem solution [Modelo para solução criativa de problemas]. *Espacios*, 38(53). <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85035006362&partnerID=40&md5=89ad82c4ce60a0f908f79a1a910a3ff6>
- Schnurbus, R., De Pietri Tonelli, D., Grohovaz, F., & Zacchetti, D. (2002). Re-evaluation of primary structure, topology, and localization of Scamper, a putative intracellular Ca<sup>2+</sup> channel activated by sphingosylphosphocholine. *Biochemical Journal*, 362(1), 183–189. <https://doi.org/10.1042/0264-6021:3620183>
- Scott, G., Leritz, L. E., & Mumford, M. D. (2004a). The effectiveness of creativity training: A quantitative review. *Creativity Research Journal*, 16(4), 361–388. [https://doi.org/10.1207/s15326934crj1604\\_1](https://doi.org/10.1207/s15326934crj1604_1)
- Scott, G., Leritz, L. E., & Mumford, M. D. (2004b). The effectiveness of creativity training: A quantitative review. In *Creativity Research Journal* (Vol. 16, Issue 4). <https://doi.org/10.1080/10400410409534549>
- Serrat, O. (2017). The SCAMPER Technique. *Knowledge Solutions, September*, 311–314. [https://doi.org/10.1007/978-981-10-0983-9\\_33](https://doi.org/10.1007/978-981-10-0983-9_33)
- Shallcross, L. (2011). *Working outside the box*. <https://ct.counseling.org/2011/02/working-outside-the-box/>
- Sharf, R. S. (2010). *Theories of Psychotherapy and Counseling: Concepts and Cases* (5th Editio). Brooks/Cole, Cengage Learning. <https://doi.org/10.1007/s13398-014-0173-7.2>
- Sheridan-Rabideau, M. (2010). Creativity Repositioned. *Arts Education Policy Review*, 111(2), 54–58. <https://doi.org/10.1080/10632910903455876>
- Smith, A. L. (2004). *Assessing Creative Approaches in Beginning Counselors: Building the Foundation*.
- Smith, A. L. (2011). Teaching a Course on Creativity in Counseling : Ideas for Counselor Educators. *Journal of Creativity in Mental Health*, 6(2), 149–165. <https://doi.org/10.1080/15401383.2011.579875>
- Smith, B. (2012). Counsellors' experiences of using creativity in counselling clients with concurrent disorders: What helps and hinders. *University of British Columbia, August*.
- Sternberg, R. J. (2006). The Nature of Creativity. *Creativity Research Journal*, 18(1), 87–98. [https://doi.org/10.1207/s15326934crj1801\\_10](https://doi.org/10.1207/s15326934crj1801_10)
- Sternberg, R. J. (2012). The Assessment of Creativity: An Investment-Based Approach. *Creativity Research Journal*, 24(1), 3–12. <https://doi.org/10.1080/10400419.2012.652925>
- Sternberg, R. J., & Lubart, T. I. (1999). The concept of creativity: Prospects and

- paradigms. In *Handbook of creativity*. (pp. 3–15). Cambridge University Press.
- Stokes, P. D. (2010). Using Constraints to Develop Creativity in the Classroom. In J. C. Kaufman & R. A. Beghetto (Eds.), *Nurturing Creativity in the Classroom* (pp. 88–112). Cambridge University Press. <https://doi.org/DOI: 10.1017/CBO9780511781629.006>
- Storlie, C. A., Giegerich, V., Stoner-Harris, T., & Byrd, J. (2018). Conceptual Metaphors in Internship: Creative Journeys in Counselor Development. *Journal of Creativity in Mental Health*, 13(3), 331–343.
- Supriadi, D. (2013). *KREATIVITAS DAN ORANG-ORANG KREATIF DALAM LAPANGAN KEILMUAN : Profil Kehidupan dan Psikologis Para Ilmuan Yunior dan Senior Di Indonesia Serta Implikasinya Bagi Pendidikan dan Bimbingan* [Universitas Pendidikan Indonesia]. [http://digilib.upi.edu/digitalview.php?digital\\_id=1218](http://digilib.upi.edu/digitalview.php?digital_id=1218)
- Susanto, E. (2015). *Development of Creative Personality Inventory (CPI): Hypothetical Concept*. Researchgate. [https://www.researchgate.net/publication/301142362\\_Development\\_of\\_Creative\\_Personality\\_Inventory\\_CPI\\_Hypothetical\\_Concept\\_Draf\\_to\\_CRJ](https://www.researchgate.net/publication/301142362_Development_of_Creative_Personality_Inventory_CPI_Hypothetical_Concept_Draf_to_CRJ)
- Susanto, E., & Hidayat, A. (2018). Zaman Menuntut Konselor Menjadi Kreatif. *Indonesian Journal of Educational Counseling*, 2(2), 131–134. <https://doi.org/10.30653/001.201822.45>
- Susanto, E., Novitasari, Y., Ilfiandra, & Yusuf, S. (2018). Development of Creative Personality Inventory (CPI): Hypothetical Concept. In *International Journal of Innovation, Creativity and Change*. [www.ijicc.net](http://www.ijicc.net) (Vol. 4, Issue 2). [www.ijicc.net](http://www.ijicc.net)
- Toraman, S., & Altun, S. (2013). Application of the Six Thinking Hats and SCAMPER Techniques on the 7th Grade Course Unit “Human and Environment”: An Exemplary Case Study. *Mevlana International Journal of Education*, 3(4), 166–185. <https://doi.org/10.13054/mije.13.62.3.4>
- Vessey, W. B., & Mumford, M. D. (2012). Heuristics as a Basis for Assessing Creative Potential: Measures, Methods, and Contingencies. *Creativity Research Journal*, 24(1), 41–54. <https://doi.org/10.1080/10400419.2012.652928>
- Yağcı, E. (2012). A study on parents' opinions on directed brain storming tecniqe: Scamper [Yönlendirilmiş Beyin Firtinasi Tekniği: Scamper Konusunda Veli Görüşleri Üzerine Bir Çalışma]. *Hacettepe Egitim Dergisi*, 43, 485–494. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870006317&partnerID=40&md5=0e29c81e06b4f5a618245c78b71af173>
- Yuen, M. C., Azam, N. S. T., & Ang, K. Y. (2016). SCAMPER for character

design unique zoo creature. In *International Colloquium of Art and Design Education Research (i-CADER 2014)*. Springer Singapore.  
[https://doi.org/10.1007/978-981-287-332-3\\_36](https://doi.org/10.1007/978-981-287-332-3_36)

Yun Dai, D., & Shen, J. (2008). Cultivating creative potential during adolescence: A developmental and educational perspective. *Korean Journal of Thinking & Problem Solving*, 18(1), 83.

### **Referensi Kajian Pustaka**

- Albert, R. S., & Runco, M. A. (1999). A history of research on creativity. In R. J. Sternberg (Ed.), *Handbook of creativity* (pp. 16–31). New York: Cambridge University Press.
- Australian Curriculum, Assessment and Reporting Authority. (2010). Draft shape of the Australian Curriculum: The Arts. Retrieved from <http://www.acara.edu.au/arts.html>
- Csikszentmihalyi, M. (1988). Society, culture, and person: A systems view of creativity. In R. J. Sternberg (Ed.), *The nature of creativity* (pp. 325–339). Cambridge: Cambridge University Press.
- Dacey, J. (1999). Concepts of creativity: A History. In M. A. Runco & S. R. Pritzker (Ed.), *Encyclopedia of creativity* (Vol. 1) (pp. 309–322). London: Academic Press.
- Feldman, D. H., Csikszentmihalyi, M., & Gardner, H. (1994). Changing the world: A framework for the study of creativity. Westport, CT: Praeger.
- Finke, R. A., Ward, R. B., & Smith, S. M. (1996). Creative cognition: Theory, research and applications. Cambridge: Bradford Publishing.
- Guilford, J. (1950). Creativity. *American Psychologist*, 5, 444–454.
- Kaufman, J. C. (2009). *Creativity 101*. New York: Springer.
- Lubart, T. I. (1999). Creativity across cultures. In R. J. Sternberg (Ed.), *Handbook of creativity* (pp. 339–350). New York: Cambridge University Press.
- Michael, W. B. (1999). Guilford's view. In M. A. Runco & S. R. Pritzker (Eds.), *Encyclopedia of Creativity* (Vol. 1) (pp. 785–797). London, U.K.: Academic Press.
- Ollerenshaw, J., & Creswell, J. (2002). Narrative research: A comparison of two restorying data analysis approaches. *Qualitative Inquiry*, 8(3), 329–347.

- Plucker, J. (2007). Indiana University: J. P. Guilford. Retrieved from <http://www.indiana.edu/~intell/guilford.shtml>
- Runcio, M. A., & Albert, R. S. (2010). Creativity research. In J. C. Kaufman & R. J. Sternberg (Eds), *The Cambridge handbook of creativity*. Cambridge: Cambridge University Press.
- Sawyer, R. K. (2006). Explaining creativity: The science of human innovation. New York: Oxford.
- Siedman, I. (1998). Interviewing as qualitative research: A guide for researchers in education and the social sciences (2nd ed.). New York: Teachers College Press.
- Sternberg, R. (2006). The nature of creativity. *Creativity Research Journal*, 18(1), 87–98. doi:10.1207/s15326934crj1801\_10
- Taylor, C. W. (Ed.). (1964). *Creativity: Progress and potential*. New York: McGraw-Hill.
- Wallas, G. (1926). *Art of thought*. London, UK: Jonathan Cape.
- Weihua, N., & Sternberg, R. (2006). The philosophical roots of western and eastern conceptions of creativity. *Journal of Theoretical and Philosophical Psychology*, 26, 18–38.