

**PENGARUH PENGALAMAN PRAKTIK KERJA INDUSTRI
TERHADAP EFIGASI DIRI DAN PILIHAN KARIER SISWA
SEKOLAH MENENGAH KEJURUAN (SMK)
TEKNIK DAN NON-TEKNIK**

TESIS

Diajukan untuk memenuhi sebagian syarat untuk memperoleh gelar
Magister Pendidikan Teknologi dan Kejuruan



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ABSTRAK

Pilihan karier masa depan siswa Sekolah Menengah Kejuruan (SMK) merupakan salah satu keputusan penting yang dapat mempengaruhi kehidupannya di kemudian hari. Sayangnya, sebagian dari mereka ditemukan tidak memilih karier sesuai kompetensi keahlian yang dimilikinya. Program praktik kerja industri bertujuan untuk memberikan gambaran, pengetahuan, serta keterampilan pada siswa sehingga diharapkan dapat meningkatkan minat siswa dalam memilih pilihan karier sesuai kompetensi keahliannya. Berdasarkan hal tersebut, penelitian ini bertujuan untuk mengetahui pengaruh pengalaman praktik kerja industri terhadap efikasi diri dan pilihan karier siswa, dan untuk mengetahui apakah adanya perbedaan gender yang mempengaruhinya. Metode penelitian kuantitatif digunakan dalam penelitian ini. Data dikumpulkan menggunakan kuesioner yang diberikan kepada 314 responden, yang merupakan siswa kelas XII dari 2 SMK negeri dan 2 SMK swasta di Kabupaten Cianjur yang telah melaksanakan praktik kerja industri. Data yang terkumpul kemudian dianalisis dengan pendekatan *Partial Least Square-Structural Equation Modelling (PLS-SEM)* menggunakan aplikasi *SmartPLS*. Hasil penelitian menunjukkan bahwa praktik kerja industri berpengaruh positif dan signifikan terhadap efikasi diri, praktik kerja industri berpengaruh positif dan signifikan terhadap pilihan karier. Efikasi diri berpengaruh positif dan signifikan terhadap pilihan karier, dan gender berpengaruh positif dan signifikan terhadap efikasi diri. Pada siswa teknik, gender berpengaruh positif dan signifikan terhadap pilihan karier, tetapi tidak signifikan pada siswa non-teknik. Meskipun demikian, efikasi diri dapat menjadi variabel mediasi yang dapat mempengaruhi hubungan antara gender dan pilihan karier menjadi signifikan.

Kata kunci: praktik kerja industri, efikasi diri, gender, pilihan karier

**THE EFFECT OF INDUSTRIAL WORK EXPERIENCE
ON SELF-EFFICACY AND CAREER CHOICE OF
TECHNICAL AND NON-TECHNICAL
VOCATIONAL HIGH SCHOOL STUDENTS**

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ABSTRACT

The future career choice of vocational high school students is one of the important decisions that can affect their lives in the future. Unfortunately, some of them were found not to choose a career according to their expertise competence. The industrial work practice program aims to provide students with an overview, knowledge, and skills so that it is expected to increase students' interest in choosing career options according to their expertise competencies. Based on this, this study aims to determine the effect of industrial work practice experience on students' self-efficacy and career choices, and to determine whether there are gender differences affecting it. Quantitative research methods are used in this study. Data were collected using a questionnaire given to 314 respondents, who were class XII students from 2 state vocational schools and 2 private vocational schools in Cianjur Distrik implemented industrial work practices. The collected data was then analyzed using the Partial Least Square-Structural Equation Modeling (PLS-SEM) approach using the SmartPLS application. The results showed that industrial work practices had a positive and significant effect on self-efficacy, industrial work practices had a positive and significant effect on career choice. Self-efficacy has a positive and significant effect on career choice, and gender has a positive and significant effect on self-efficacy. In engineering students, gender has a positive and significant effect on career choice, but not significant for non-engineering students. However, self-efficacy can be a mediating variable that may significantly affect the relationship between gender and career choice.

Keywords: industrial work practice, self-efficacy, gender, career choice

DAFTAR ISI

LEMBAR HAK CIPTA	i
LEMBAR PENGESAHAN	ii
LEMBAR PERNYATAAN	iii
KATA PENGANTAR	iv
UCAPAN TERIMA KASIH	v
ABSTRAK	vii
<i>ABSTRACT</i>	viii
DAFTAR ISI	ix
DAFTAR GAMBAR	xii
DAFTAR TABEL	xiii
DAFTAR LAMPIRAN	xiv
BAB I PENDAHULUAN	1
1.1 Latar Belakang	1
1.2 Rumusan Masalah	4
1.3 Tujuan Penelitian	4
1.4 Urgensi Penelitian	4
1.5 Originalitas Penelitian	5
1.6 Struktur Organisasi	6
BAB II TINJAUAN PUSTAKA	7
2.1 Pilihan Karier	7
2.1.1 Faktor-faktor yang Mempengaruhi Pilihan Karier	7
2.2 Efikasi Diri	8
2.2.1 Dimensi Efikasi Diri	9
2.2.2 Sumber Efikasi Diri	9
2.2.3 Efikasi Diri Akademik	10
2.3 Praktik Kerja Industri	11
2.3.1 Tujuan Praktik Kerja Industri	12
2.3.2 Manfaat Praktik Kerja Industri	12
2.3.3 Hubungan Praktik Kerja Industri dengan Efikasi Diri dan Pilihan Karier	12

2.4 Konsep Gender	13
2.4.1 Pengaruh Gender dalam Efikasi Diri	13
2.4.2 Pengaruh Gender dalam Pilihan Karier	13
BAB III METODE PENELITIAN	15
3.1 Paradigma/Kerangka Penelitian	15
3.2 Desain Penelitian	15
3.3 Prosedur Penelitian	17
3.3.1 Lokasi Penelitian	18
3.3.2 Populasi dan Sampel Penelitian	19
3.3.3 Pengambilan Data	20
3.4 Instrumen Penelitian	20
3.4.1 Praktik Kerja Industri	20
3.4.2 Efikasi Diri	20
3.4.3 Perbedaan Gender	21
3.4.4 Pilihan Karier	21
3.5 Analisis Data	25
3.5.1 Pengujian Model Pengukuran (<i>Outer Model</i>)	25
3.5.2 Pengujian Model Struktural (<i>Inner Model</i>)	26
3.5.3 Pengujian Hipotesis	27
BAB IV HASIL PENELITIAN DAN PEMBAHASAN	28
4.1 Hasil Penelitian	28
4.1.1 Profil Responden	28
4.1.2 Tingkat Capaian Responden (TCR)	31
4.1.3 Pengujian Model Pengukuran (<i>Outer Model</i>)	35
4.1.4 Pengujian Model Struktural (<i>Inner Model</i>)	41
4.1.5 Pengujian Hipotesis	44
4.2 Pembahasan	49
4.2.1 Pengaruh Praktik Kerja Industri terhadap Efikasi Diri ..	49
4.2.2 Pengaruh Praktik Kerja Industri terhadap Pilihan Karier	50
4.2.3 Pengaruh Efikasi Diri terhadap Pilihan Karier	51
4.2.4 Pengaruh Gender terhadap Efikasi Diri	53
4.2.5 Pengaruh Gender terhadap Pilihan Karier	54

BAB V SIMPULAN, IMPLIKASI, DAN REKOMENDASI	57
5.1 Simpulan	57
5.2 Implikasi	57
5.3 Rekomendasi	57
DAFTAR PUSTAKA	60
LAMPIRAN-LAMPIRAN	

DAFTAR PUSTAKA

- Abe, E. N., & Chikoko, V. (2020). Exploring the factors that influence the career decision of STEM students at a university in South Africa. *International Journal of STEM Education*, 7(1). <https://doi.org/10.1186/s40594-020-00256-x>
- Amir, T., & Gati, I. (2006). Facets of career decision-making difficulties. *British Journal of Guidance and Counselling*, 34(4), 483–503. <https://doi.org/10.1080/03069880600942608>
- Andersson, A. B. (2021). Social capital and self-efficacy in the process of youth entry into the labour market: Evidence from a longitudinal study in Sweden. *Research in Social Stratification and Mobility*, 71(June 2019), 100580. <https://doi.org/10.1016/j.rssm.2020.100580>
- Armstrong, D. J., Riemenschneider, C. K., & Giddens, L. G. (2018). The advancement and persistence of women in the information technology profession: An extension of Ahuja's gendered theory of IT career stages. *Information Systems Journal*, 28(6), 1082–1124. <https://doi.org/10.1111/isj.12185>
- Ashari, Z. H. M., Azman, N., & Rasul, M. S. (2019). Factors predicting career choice among Malaysian students in skills-based training institutions. *International Journal for Educational and Vocational Guidance*, 19(1), 19–39. <https://doi.org/10.1007/s10775-018-9366-5>
- Bandura, A. (2005). Adolescent development from an agentic perspective. In *Self-efficacy beliefs of adolescents*. (pp. 1–43). Information Age Publishing.
- Bandura, Albert. (1999). A social cognitive theory of personality. In *Handbook of personality* (Vol. 2, pp. 154–196). [https://doi.org/10.1016/s0021-9258\(19\)40792-8](https://doi.org/10.1016/s0021-9258(19)40792-8)
- Bandura, Albert. (2000). Exercise of human agency through collective efficacy. *Current Directions in Psychological Science*, 9(3), 75–78. <https://doi.org/10.1111/1467-8721.00064>
- Bandura, Albert, Barbaranelli, C., Caprara, G. V., & Pastorelli, C. (1996). Multifaceted Impact of Self-Efficacy Beliefs on Academic Functioning. *Child*

- Development*, 67, 1206–1222.
- Beckmann, J. (2021). Gendered career expectations in context: the relevance of normative and comparative reference groups. *British Journal of Sociology of Education*, 0(0), 1–19. <https://doi.org/10.1080/01425692.2021.1914547>
- Bonitz, V. S., Larson, L. M., & Armstrong, P. I. (2010). Interests, self-efficacy, and choice goals: An experimental manipulation. *Journal of Vocational Behavior*, 76(2), 223–233. <https://doi.org/10.1016/j.jvb.2009.09.003>
- Bowles, T. V., & Brindle, K. A. (2017). If ego identity is the envelope then adaptive change is the note to self: scaffolding the career choices of adolescents. *International Journal for Educational and Vocational Guidance*, 17(1), 5–18. <https://doi.org/10.1007/s10775-016-9333-y>
- Bozgeykil, H., Eroglu, S. E., & Hamurcu, H. (2009). Career decision making self-efficacy, career maturity and socioeconomic status with turkish youth. *Georgian Electronic Scientific Journal: Education Science and Psychology*, 1(14), 15–24.
- Brown, D. (2002). *Career Choice and Development* (4th ed.). Jossey-Bass A Wiley Company.
- Butz, A. R., & Usher, E. L. (2015). Salient sources of early adolescents' self-efficacy in two domains. *Contemporary Educational Psychology*, 42, 49–61. <https://doi.org/10.1016/j.cedpsych.2015.04.001>
- Caprara, G. V., Vecchione, M., Alessandri, G., Gerbino, M., & Barbaranelli, C. (2011). The contribution of personality traits and self-efficacy beliefs to academic achievement: A longitudinal study. *British Journal of Educational Psychology*, 81(1), 78–96. <https://doi.org/10.1348/2044-8279.002004>
- Cardoso, P., & Moreira, J. M. (2009). Self-efficacy beliefs and the relation between career planning and perception of barriers. *International Journal for Educational and Vocational Guidance*, 9(3), 177–188. <https://doi.org/10.1007/s10775-009-9163-2>
- Cents-Boonstra, M., Lichtwarck-Aschoff, A., Denessen, E., Haerens, L., & Aelterman, N. (2019). Identifying motivational profiles among VET students: differences in self-efficacy, test anxiety and perceived motivating teaching. *Journal of Vocational Education and Training*, 71(4), 600–622.

- <https://doi.org/10.1080/13636820.2018.1549092>
- Chinyamurindi, W. T. (2016). Using narrative analysis to understand factors influencing career choice in a sample of distance learning students in South Africa. *South African Journal of Psychology*, 46(3), 390–400.
<https://doi.org/10.1177/0081246315623662>
- Çikrikci, Ö. (2017). The Effect of Self-efficacy on Student Achievement. In *The Factors Effecting Student Achievement: Meta-Analysis of Empirical Studies* (pp. 1–337). <https://doi.org/10.1007/978-3-319-56083-0>
- Corkin, D., Arbona, C., Coleman, N., & Ramirez, R. (2008). Dimensions of career indecision among Puerto Rican college students. *Journal of College Student Development*, 49(2), 81–94. <https://doi.org/10.1353/csd.2008.0015>
- Dietrich, J., Parker, P., & Salmela-Aro, K. (2012). Phase-adequate engagement at the post-school transition. *Developmental Psychology*, 48(6), 1575–1593.
<https://doi.org/10.1037/a0030188>
- Dunlap, S. T., & Barth, J. M. (2019). Career Stereotypes and Identities: Implicit Beliefs and Major Choice for College Women and Men in STEM and Female-Dominated Fields. *Sex Roles*, 81(9–10), 548–560.
<https://doi.org/10.1007/s11199-019-1013-1>
- Fuller, C., & Macfadyen, T. (2012). “What with your grades?” Students’ motivation for and experiences of vocational courses in further education. *Journal of Vocational Education and Training*, 64(1), 87–101.
<https://doi.org/10.1080/13636820.2011.622447>
- Ghozali, I., & Latan, H. (2015). *Partial Least Squares: Konsep, Teknik dan Aplikasi Menggunakan Program SmartPLS 3.0 untuk Penelitian Empiris*. Undip.
- Ginevra, M. C., Pallini, S., Vecchio, G. M., Nota, L., & Soresi, S. (2016). Future orientation and attitudes mediate career adaptability and decidedness. *Journal of Vocational Behavior*, 95–96, 102–110.
<https://doi.org/10.1016/j.jvb.2016.08.003>
- Glessner, K., Rockinson-Szapkiw, A. J., & Lopez, M. L. (2017). “Yes, I Can”: Testing an Intervention to Increase Middle School Students’ College and Career Self-Efficacy. *Career Development Quarterly*, 65(4), 315–325.
<https://doi.org/10.1002/cdq.12110>

- Godman, M. (2018). Gender as a historical kind: a tale of two genders? *Biology and Philosophy*, 33(3–4), 1–16. <https://doi.org/10.1007/s10539-018-9619-1>
- Hair, J. F., Hult, G. T. M., Ringle, C. M., Sarstedt, M., Danks, N. P., & Ray, S. (2021). *Partial Least Squares Structural Equation Modeling (PLS-SEM) Using R*. Springer Nature Switzerland AG.
- Hair, J. F., Risher, J. J., Sarstedt, M., & Ringle, C. M. (2019). When to use and how to report the results of PLS-SEM. *European Business Review*, 31(1), 2–24. <https://doi.org/10.1108/EBR-11-2018-0203>
- Hartung, P. J., Porfeli, E. J., & Vondracek, F. W. (2008). Career adaptability in childhood. *Career Development Quarterly*, 57(1), 63–74. <https://doi.org/10.1002/j.2161-0045.2008.tb00166.x>
- Hentschel, T., Heilman, M. E., & Peus, C. V. (2019). The multiple dimensions of gender stereotypes: A current look at men's and women's characterizations of others and themselves. *Frontiers in Psychology*, 10(JAN), 1–19. <https://doi.org/10.3389/fpsyg.2019.00011>
- Huang, J. L., & Pearce, M. (2013). The other side of the coin: Vocational interests, interest differentiation and annual income at the occupation level of analysis. *Journal of Vocational Behavior*, 83(3), 315–326. <https://doi.org/10.1016/j.jvb.2013.06.003>
- Jackson, D., & Wilton, N. (2017). Career choice status among undergraduates and the influence of career management competencies and perceived employability. *Journal of Education and Work*, 30(5), 552–569. <https://doi.org/10.1080/13639080.2016.1255314>
- Johnson, I. Y., & Muse, W. B. (2017). Choice of Academic Major at a Public Research University: The Role of Gender and Self-Efficacy. *Research in Higher Education*, 58(4), 365–394. <https://doi.org/10.1007/s11162-016-9431-1>
- Peraturan Menteri Pendidikan Dan Kebudayaan Republik Indonesia Nomor 50 Tahun 2020 Tentang Praktik Kerja Lapangan Bagi Peserta Didik, 2013 (2020).
- Kodden, B. (2020). The Impact of Self-efficacy. In *The Art of Sustainable Performance* (pp. 31–38). SpringerBriefs in Business. https://doi.org/10.1007/978-3-030-46463-9_5

- Komarraju, M., Swanson, J., & Nadler, D. (2014). Increased Career Self-Efficacy Predicts College Students' Motivation, and Course and Major Satisfaction. *Journal of Career Assessment*, 22(3), 420–432. <https://doi.org/10.1177/1069072713498484>
- Kristina. (2021). *Analisis Faktor-Faktor Yang Mempengaruhi Pemilihan Karir Sebagai Akuntan Publik Pada Mahasiswa Akuntansi di Kota Batam* [Universitas Putera Batam]. <https://ojs.unsiq.ac.id/index.php/ppkm/article/view/235/112>
- Kunnen, E. S. (2013). The Effects of Career Choice Guidance on Identity Development. *Education Research International*, 2013, 1–9. <https://doi.org/10.1155/2013/901718>
- Lent, R. W., Brown, S. D., & Hackett, G. (1994). Toward a Unifying Social Cognitive Theory of Career and Academic Interest, Choice, and Performance. *Journal of Vocational Behavior*, 45(1), 79–122. <https://doi.org/10.1006/jvbe.1994.1027>
- Li, H., Ngo, H. yue, & Cheung, F. (2019). Linking protean career orientation and career decidedness: The mediating role of career decision self-efficacy. *Journal of Vocational Behavior*, 115, 103322. <https://doi.org/10.1016/j.jvb.2019.103322>
- Ludwikowski, W. M. A., Schechinger, H. A., & Armstrong, P. I. (2020). Are Interest Assessments Propagating Gender Differences in Occupations? *Journal of Career Assessment*, 28(1), 14–27. <https://doi.org/10.1177/1069072718821600>
- Maddux, J. E. (2001). Self-Efficacy: The Power of Believing You Can. In S. J. L. C. R. Snyder (Ed.), *Handbook of Positive Psychology* (p. 848). Oxford University Press.
- Mansour, F. (2016). *Analisis Gender dan Transformasi Sosial*. Insist Press.
- McKay, D. A., & Tokar, D. M. (2012). The HEXACO and five-factor models of personality in relation to RIASEC vocational interests. *Journal of Vocational Behavior*, 81(2), 138–149. <https://doi.org/10.1016/j.jvb.2012.05.006>
- Mozahem, N. A., Kozbar, D. K., Al Hassan, A. W., & Mozahem, L. A. (2020). Gender differences in career choices among students in secondary school.

- International Journal of School and Educational Psychology*, 8(3), 184–198.
<https://doi.org/10.1080/21683603.2018.1521759>
- Negru-Subirica, O., Pop, E. I., & Crocetti, E. (2015). Developmental trajectories and reciprocal associations between career adaptability and vocational identity: A three-wave longitudinal study with adolescents. *Journal of Vocational Behavior*, 88(37), 131–142.
<https://doi.org/10.1016/j.jvb.2015.03.004>
- Ngonda, T., Shaw, C., & Kloot, B. (2020). Perceived influence of mechanical engineering students' work placement experiences on their occupational competency and self-efficacy. *International Journal of Mechanical Engineering Education*. <https://doi.org/10.1177/0306419020953117>
- Nurhaeni, I. D. A. (2008). *Kebijakan publik pro gender*. Sebelas Maret University Press.
- Ocampo, A. C. G., Reyes, M. L., Chen, Y., Restubog, S. L. D., Chih, Y. Y., Chua-Garcia, L., & Guan, P. (2020). The role of internship participation and conscientiousness in developing career adaptability: A five-wave growth mixture model analysis. *Journal of Vocational Behavior*, 120, 103426.
<https://doi.org/10.1016/j.jvb.2020.103426>
- Oktaviani, M. P. (2018). *TINGKAT EFIKASI DIRI DALAM BELAJAR SISWA SMK (Studi Deskriptif pada Siswa Kelas X SMK Sahid Jakarta Tahun Ajaran 2016/2017 dan Implikasinya Terhadap Usulan Topik-topik Bimbingan Pribadi)*. Universitas Sanata Dharma.
- Pajares, F. (2002). Gender and Perceived Self-Efficacy. *Theory Into Practice*, 41(2), 116–125.
- Pastorelli, C., Caprara, G. V., & Barbaranelli, C. (2001). *The Structure of Children's Perceived Self-Efficacy: A Cross-National Study*. May.
<https://doi.org/10.1027//1015-5759.17.2.87>
- PP No. 4 Tahun 2022 tentang Perubahan atas Peraturan Pemerintah Nomor 57 Tahun 2021 tentang Standar Nasional Pendidikan, Lembaran Negara Republik Indonesia Nomor 14 Tahun 2022 1 (2022).
<https://peraturan.bpk.go.id/Home/Details/196151/pp-no-4-tahun-2022>
- Phume, L. B., & Bosch, A. (2020). The Attraction and Retention of Black Woman

- Actuaries. *Global Business Review*, 21(2), 392–403.
<https://doi.org/10.1177/0972150918778908>
- Praskova, A., Creed, P. A., & Hood, M. (2015). Career identity and the complex mediating relationships between career preparatory actions and career progress markers. *Journal of Vocational Behavior*, 87(December 2018), 145–153. <https://doi.org/10.1016/j.jvb.2015.01.001>
- Pylväs, L., Nokelainen, P., & Rintala, H. (2018). Finnish Apprenticeship Training Stakeholders' Perceptions of Vocational Expertise and Experiences of Workplace Learning and Guidance. *Vocations and Learning*, 11(2), 223–243. <https://doi.org/10.1007/s12186-017-9189-4>
- Rohlfing, J. E., Nota, L., Ferrari, L., Soresi, S., & Tracey, T. J. G. (2012). Relation of occupational knowledge to career interests and competence perceptions in Italian children. *Journal of Vocational Behavior*, 81(3), 330–337. <https://doi.org/10.1016/j.jvb.2012.08.001>
- Rudman, L. A., & Phelan, J. E. (2010). The effect of priming gender roles on women's implicit gender beliefs and career aspirations. *Social Psychology*, 41(3), 192–202. <https://doi.org/10.1027/1864-9335/a000027>
- Sadowski, I., & Zawistowska, A. (2020). The net effect of ability tilt in gendered STEM-related choices. *Intelligence*, 80(July 2019), 101439. <https://doi.org/10.1016/j.intell.2020.101439>
- Safitri, I., Yolida, B., & Surbakti, A. (2019). Hubungan Self-Efficacy Berdasarkan Gender dengan Hasil Belajar Siswa Mata Pelajaran IPA. *Jurnal Bioterididik: Wahana Ekspresi Ilmiah*, 7(4), 1–9. <https://doi.org/10.23960/jbt.v7.i4.201901>
- Sáinz, M., & Müller, J. (2018). Gender and family influences on Spanish students' aspirations and values in stem fields. *International Journal of Science Education*, 40(2), 188–203. <https://doi.org/10.1080/09500693.2017.1405464>
- Saputri, M. N. (2016). *Pengaruh Praktik Kerja Lapangan (PKL), Lingkungan Keluarga, Dan Self-Efficacy Terhadap Kesiapan Kerja Siswa Kelas XII Program Keahlian Akuntansi SMK Negeri 1 Kebumen Tahun Ajaran 2015/2016*. Universitas Negeri Semarang.
- Sarstedt, M., Ringle, C. M., & Hair, J. F. (2020). Handbook of Market Research. In *Handbook of Market Research* (Issue September).

- <https://doi.org/10.1007/978-3-319-05542-8>
- Sarstedt, M., Ringle, C. M., Smith, D., Reams, R., & Hair, J. F. (2014). Partial least squares structural equation modeling (PLS-SEM): A useful tool for family business researchers. *Journal of Family Business Strategy*, 5(1), 105–115. <https://doi.org/10.1016/j.jfbs.2014.01.002>
- Sasson, I. (2019). Participation in Research Apprenticeship Program: Issues Related to Career Choice in STEM. *International Journal of Science and Mathematics Education*, 17(3), 467–482. <https://doi.org/10.1007/s10763-017-9873-8>
- Sauermann, H. (2005). Vocational choice: A decision making perspective. *Journal of Vocational Behavior*, 66(2), 273–303. <https://doi.org/10.1016/j.jvb.2004.10.001>
- Schunk, D. H. (1991). Self-Efficacy and Academic Motivation. *Educational Psychologist*, 26, 207–231.
- Shin, Y. J., Lee, E. S., & Seo, Y. (2019). Does Traditional Stereotyping of Career as Male Affect College Women's, but Not College Men's, Career Decision Self-Efficacy and Ultimately Their Career Adaptability? *Sex Roles*, 81(1–2), 74–86. <https://doi.org/10.1007/s11199-018-0976-7>
- Song, Z., & Chon, K. (2012). General self-efficacy's effect on career choice goals via vocational interests and person-job fit: A mediation model. *International Journal of Hospitality Management*, 31(3), 798–808. <https://doi.org/10.1016/j.ijhm.2011.09.016>
- Stewart, J., Henderson, R., Michaluk, L., Deshler, J., Fuller, E., & Rambo-Hernandez, K. (2020). Using the Social Cognitive Theory Framework to Chart Gender Differences in the Developmental Trajectory of STEM Self-Efficacy in Science and Engineering Students. *Journal of Science Education and Technology*, 29(6), 758–773. <https://doi.org/10.1007/s10956-020-09853-5>
- Tellhed, U., Bäckström, M., & Björklund, F. (2017). Will I Fit in and Do Well? The Importance of Social Belongingness and Self-Efficacy for Explaining Gender Differences in Interest in STEM and HEED Majors. *Sex Roles*, 77(1–2), 86–96. <https://doi.org/10.1007/s11199-016-0694-y>
- Tiwari, H. (2019a). A Narrative Enquiry into Gender Role Differentiation by Males

- of the Family in Career Choice Decisions of Female Child. *Business Perspectives and Research*, 7(2), 132–146.
<https://doi.org/10.1177/2278533719833813>
- Tiwari, H. (2019b). Encounters with Gendered Realities in Career Decision-making While Scouting Women Participation in the Indian Workforce. *Business Perspectives and Research*, 7(2), 147–162.
<https://doi.org/10.1177/2278533719833814>
- Ulas-Kilic, O., Peila-Shuster, J. J., Demirtas-Zorbaz, S., & Kizildag, S. (2020). Career decision-making self-efficacy of young adolescent students in Turkey. *International Journal of School and Educational Psychology*, 8(S1), 38–48.
<https://doi.org/10.1080/21683603.2018.1552220>
- Van Dinther, M., Dochy, F., & Segers, M. (2011). Factors affecting students' self-efficacy in higher education. *Educational Research Review*, 6(2), 95–108.
<https://doi.org/10.1016/j.edurev.2010.10.003>
- Webb-Williams, J. (2018). Science Self-Efficacy in the Primary Classroom: Using Mixed Methods to Investigate Sources of Self-Efficacy. *Research in Science Education*, 48(5), 939–961. <https://doi.org/10.1007/s11165-016-9592-0>
- Yuan, B., & Li, J. (2020). Social-economics, community, campus and family: a nationwide empirical investigation on the association between adverse childhood experiences and early career choice of youths and adolescents. *International Journal of Adolescence and Youth*, 25(1), 221–239.
<https://doi.org/10.1080/02673843.2019.1608274>