

# **Curriculum Vitae**

## **Thomas "Tom" Ledermann**

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### **General Information**

University address: Department of Human Development and Family Science  
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GitHub: <https://github.com/thomasledermann/>

### **Professional Preparation**

2014 Habilitation, University of Basel. Major: Psychology. passed.

Thomas Ledermann. (2014). *Methods for the analysis of individual and group data and the study of interpersonal relationships*. Unpublished doctoral dissertation, University of Basel.

2008 Ph.D., University of Fribourg. Major: Psychology. Quantitative Methods.  
Supervisor: Dr. G. Bodenmann.

Thomas Ledermann. (2008). *Methoden zur Analyse von Zusammenhängen bei dyadischen Daten und deren Anwendung in der Paarforschung [Methods for analyzing associations in dyadic data and their application in couple research]*. Unpublished doctoral dissertation, University of Fribourg.

2004 MS, University of Fribourg, Switzerland. Major: Psychology. Supervisor: Dr. H.-D. Schneider.

Thomas Ledermann. (2004). *Familienklima und kognitive Fähigkeiten: Eine LISREL-basierte Querschnittsuntersuchung mit Daten der Seattle Longitudinal Study [Family climate and cognitive abilities: A LISREL based cross-section]*. Unpublished master's thesis, University of Fribourg, Switzerland.

## **Nondegree Education and Training**

- 2009–2011 Postdoctoral advanced researcher supported by the Swiss National Science Foundation.
- 2008–2009 Postdoctoral prospective researcher supported by the Swiss National Science Foundation.

## **Professional Experience**

- 2023–present Professor, Department of Human Development and Family Science, Florida State University.
- 2020–2023 Associate Professor, Department of Human Development and Family Science, Florida State University.
- 2017–2020 Assistant Professor, Department of Human Development and Family Science, Florida State University.
- 2015–2017 Assistant Professor, Department of Psychology, Utah State University.
- 2011–2015 Senior Researcher, Department of Psychology, University of Basel.

## **Language Proficiency**

French - rudimentary in speaking, reading, and writing.  
German - native in speaking, reading, and writing.

## **Areas of Expertise**

Dyadic Data Analysis.  
Evaluation Research.  
Longitudinal Data Analysis.  
Mediation Analysis.  
Moderation Analysis.  
Personal Relationships.  
R programming.

## **Visiting Professorship(s)**

- 2013–2014 Visiting Professor of developmental psychology and statistics.

2012–2013 Visiting Professor of quantitative methods and psychometrics.

## Honors, Awards, and Prizes

Sabbatical awarded for spring, Florida State University (2024).

Member of the Academy of Scholars Program, Florida State University College of Education, Health, and Human Sciences (2023).

Presentation award, Virtual International Conference on Buddhism, Wellbeing, Medicine, and Contemporary Science (2022).

Top 5% reviewer in 2019 for Journal of Social and Personal Relationships, Journal of Social and Personal Relationships (2020).

Faculty Excellence Award, College of Health and Human Sciences (2019).

Poster Award, 4th Münchener Tagung für Familienpsychologie: Familienkompetenzen stärken, München, Germany (2005).

## Fellowship(s)

Fellowship for advanced researchers, Swiss National Science Foundation (2009–2011).

Fellowship for prospective researchers, Swiss National Science Foundation (2008–2009).

Student fellowship, Max Marti-Horber Stiftung, Othmarsingen, Switzerland (2003–2004).

## Research and Original Creative Work

### Program of Research and/or Focus of Original Creative Work

In my research, I aim to develop new or extend and combine existing methods to address new or more specific questions, especially for the analysis of data from dyads and triads, such as couples and families.

## Publications

### Invited Journal Articles

Iida, M., Savord, A., & Ledermann, T. (2023). Dyadic longitudinal models: A critical review. *Personal Relationships*, 30(2), 356–378. doi:<https://doi.org/10.1111/pere.12468>

Ledermann, T., Rudaz, M., Wu, Q., & Cui, M. (2022). Determine power and sample size for the simple and mediation Actor–Partner Interdependence Model. *Family Relations*, 71(4), 1452–1469. doi:<http://dx.doi.org/10.1111/fare.12644>

Rudaz, M., Ledermann, T., Twohig, M. P., & Levin, M. E. (2019). Does a brief mindfulness training enhance heartfulness in students? Results of a pilot study. *OBM Integrative and Complementary Medicine*, 4(4), 59. doi:10.21926/obm.icm.1904059

Rudaz, M., Ledermann, T., & Witt, C. M. (2017). Mind-body medicine and the treatment of chronic illnesses. *Swiss Sports and Exercise Medicine*, 65, 26-30.

## Refereed Journal Articles

Unhjem, L., McWey, L. M., Farley, T. M., & Ledermann, T. (2024). Quality of the parent-child relationship as a moderator of witnessing violence and youth trauma symptoms. *Journal of Child & Adolescent Trauma*, 16(4), 869-879. doi:10.1007/s40653-023-00535-z

Terracciano, A., Luchetti, M., Stephan, Y., Löckenhoff, C. E., Ledermann, T., & Sutin, A. R. (2023). Changes in personality before and during cognitive impairment. *Journal of the American Medical Directors Association*, 24(10). doi:10.1016/j.jamda.2023.05.011

Su, T., Ledermann, T., & Fincham, F. D. (2023). Does covenant marriage predict latent trajectory groups of newlywed couples? *Personal Relationships*, 30(1), 278-295. doi:10.1111/pere.12462

Rudaz, M., Ledermann, T., & Fincham, F. D. (2023). Initial development and validation of a brief scale to measure genuine happiness in the USA. *Journal of Religion and Health*, 62(3), 2163-2180. doi:10.1007/s10943-022-01659-6

Karakose, S., Urs, M., Marshall, J. E., & Ledermann, T. (2023). Karakose, S., Urs, M., Marshall, J. E., & Ledermann, T. (2023). Depression, anxiety, stress, and sexual satisfaction in couples. *Journal of Sex and Marital Therapy*, 49(6), 616-62. doi:<https://doi.org/10.1080/0092623X.2023.2166637>

Karakose, S., & Ledermann, T. (2023). Let's talk, honey: An analysis of associations between communication patterns and dyadic adjustment in married couples. *Journal of Social and Personal Relationships*, 40(8), 2592-2613. doi:<https://doi.org/10.1177/02654075231153668>

Su, T., & Ledermann, T. (2023). Marital satisfaction in covenant versus standard marriages: Is there a difference? *Family Process*. doi:<https://doi.org/10.1111/famp.12868>

Rudaz, M., Fincham, F. D., & Ledermann, T. (2023). Presence of meaning in life in students. *The Journal of Positive Psychology*, 1-42. doi:<https://doi.org/10.1080/17439760.2023.2282776>

- Macho, S., & Ledermann, T. (2022). A psychometric analysis of signal detection measures from ratings versus repeated and non-repeated forced choices. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 48(12), 1923-1946.
- Luchetti, M., Ledermann, T., Aschwanden, D., Nikitin, J., O'Súilleabháin, P. S., Stephan, Y., Terracciano, A., & Sutin, A. R. (2022). Actor and partner effect of loneliness on episodic memory and verbal fluency: A dyadic multilevel analysis of romantic couples across 28 countries. *The Journals of Gerontology: Series B*.
- Jaurequi, M. E., Kimmes, J. G., & Ledermann, T. (2022). Adult attachment and sleep disturbance: The role of the facets of mindfulness. *Mindfulness*, 13(4), 1042-1053.
- Rudaz, M., Ledermann, T., & Fincham, F. D. (2022). Caring for bliss moderates the association between mindfulness, self-compassion, and well-being in college-attending emerging adults. *The Journal of Positive Psychology*, 1-9.
- Ledermann, T., Rudaz, M., Wu, Q., & Cui, M. (2022). Determine power and sample size for the simple and mediation Actor–Partner Interdependence Model. *Family Relations*. doi:10.1111/fare.12644
- Basiri, R., Spicer, M. T., Ledermann, T., & Arjmandi, B. H. (2022). Effects of nutrition intervention on blood glucose, body composition, and phase angle in obese and overweight patients with diabetic foot ulcers. *Nutrients*, 14(17), 3564.
- Basiri, R., Spicer, M., Levenson, C., Ledermann, T., Akhavan, N., & Arjmandi, B. (2022). Improving dietary intake of essential nutrients can ameliorate inflammation in patients with diabetic foot ulcers. *Nutrients*, 14(12), 2393. doi:10.3390/nu14122393
- Wu, Q., Su, T., McWey, L. M., & Ledermann, T. (2022). Individual's pretreatment psychological symptoms and progress in couples therapy: A person-centered analysis. *Family Process*, 61(2), 591-608.
- Radey, M., Ledermann, T., & McWey, L. (2022). Informal support and obligation contribute to fewer child behavior problems over time. *Family Relations*. doi:10.1111/fare.12659
- Aschwanden, D., Sutin, A. R., Ledermann, T., Luchetti, M., Stephan, Y., Sesker, A. A., Zhu, X., & Terracciano, A. (2022). Subjective cognitive decline: Is a resilient personality protective against progression to objective cognitive impairment? Findings from two community-based cohort studies. *Journal of Alzheimer's Disease*, 89(1), 87-105. doi:<https://doi.org/10.3233/JAD-220319>
- Parker, M. L., Diamond, R. M., Ledermann, T., & Tambling, R. R. (2022). The beginning of the end: A revised inventory of divorce initiation. *Family Relations*. doi:10.1111/fare.12660

- Farley, T. M., McWey, L. M., & Ledermann, T. (2022). Thought problems and aggression over time among youth in foster care. *Child & Youth Care Forum*, 51(4), 795-810.
- Thomas, N. D., Montgomery, S. C., Behers, B., Reyes, E., Ledermann, T., & Grzywacz, J. G. (2022). Work-family enrichment: A potential buffer of inflammation among black adults? *Brain, Behavior, & Immunity – Health*, 25, 100517. doi:<https://doi.org/10.1016/j.bbih.2022.100517>
- Bean, R. C., Ledermann, T., Higginbotham, B. J., & Galliher, R. V. (2021). Adjustment difficulties and marital stability in remarriages: The role of stepfamily constellation. *Marriage & Family Review*, 57(8), 721-740.
- Wu, Q., Parker, M. L., McWey, L. M., & Ledermann, T. (2021). Couple satisfaction, depressive symptoms, and the therapeutic alliance: A systemic perspective. *Family process*, 60(2), 393-408.
- Wu, Q., Su, T., McWey, L. M., & Ledermann, T. (2021). Individual's pretreatment psychological symptoms and progress in couples therapy: A person-centered analysis. *Family Process*.
- Hong, P., Cui, M., Ledermann, T., & Love, H. (2021). Parent-child relationship satisfaction and psychological distress of parents and emerging adult children. *Journal of Child and Family Studies*, 30(4), 921-931.
- Rudaz, M., Ledermann, T., & Fincham, F. D. (2021). The interplay between mindfulness and caring for bliss on later student burnout. *Journal of American College Health*, 1-7.
- Jaurequi, M. E., Kimmes, J. G., Seibert, G. S., Ledermann, T., & Roberts, K. (2021). The role of mindfulness between adult attachment and anxiety: A dyadic approach. *Couple and Family Psychology: Research and Practice*, 12(3), 132-145. doi:<https://doi.org/10.1037/cfp0000197>
- Farley, T. M., McWey, L. M., & Ledermann, T. (2021). Trauma and violence as predictors of internalizing and externalizing symptoms of youth in residential child welfare placements. *Journal of family violence*, 36(2), 249-258.
- Rudaz, M., Ledermann, T., May, R. W., & Fincham, F. D. (2020). A brief scale to measure caring for bliss: Conceptualization, initial development, and validation. *Mindfulness*, 11(3), 615-626.
- Bean, R. C., Ledermann, T., Higginbotham, B. J., & Galliher, R. V. (2020). Associations between relationship maintenance behaviors and marital stability in remarriages. *Journal of Divorce & Remarriage*, 61(1), 62-82.

Fitzgerald, M., Ledermann, T., Grzywacz, J. G., & Hamstra, C. (2020). Childhood abuse and positive and negative relationship quality in women: The role of depression. *Journal of Relationships Research*, 11, W14.

Fitzgerald, M., Hamstra, C., & Ledermann, T. (2020). Childhood maltreatment and adult's provisions of emotional support given to family, friends, and romantic partners: An examination of gender differences. *Child abuse & neglect*, 106, 104520.

Wu, Q., McWey, L. M., & Ledermann, T. (2020). Clients' attributions of the presenting problem and the therapeutic alliance in couple therapy: Systemic versus intrapersonal perspectives. *Journal of Marital and Family Therapy*, 46(4), 661-673.

Morrison, K. L., Smith, B. M., Ong, C. W., Lee, E. B., Friedel, J. E., Odum, A., Madden, G. J., Ledermann, T., Rung, J., & Twohig, M. P. (2020). Effects of acceptance and commitment therapy on impulsive decision-making. *Behavior modification*, 44(4), 600-623.

Fitzgerald, M., & Ledermann, T. (2020). Longitudinal effects of adolescent abuse on relationship quality and posttraumatic stress symptoms in mother-adolescent dyads. *Journal of Marital and Family Therapy*, 46(2), 352-365.

Basiri, R., Spicer, M. T., Levenson, C. W., Ormsbee, M. J., Ledermann, T., & Arjmandi, B. H. (2020). Nutritional supplementation concurrent with nutrition education accelerates the wound healing process in patients with diabetic foot ulcers. *Biomedicines*, 8(8), 263. doi:10.3390/biomedicines8080263

Jaurequi, M. E., Kimmes, J. G., Ledermann, T., Seibert, G., Pocchio, K., & Tawfiq, D. (2020). Relationship satisfaction and sleep problems among college students: Serial indirect effects via relationship mindfulness and negative emotional symptoms. *Journal of American College Health*, 1-9.

Rudaz, M., Ledermann, T., & Grzywacz, J. G. (2020). The role of private religious practices, spiritual mindfulness, and years since loss on perceived growth in widowed adults. *Journal of religion and health*, 59(6), 2819-2832.

Jones, J. W., Fauth, E. B., Ernsth Bravell, M., Johansson, B., & Ledermann, T. (2019). Longitudinal correspondence between subjective and objective memory in the oldest old: A parallel process model by gender. *European Journal of Ageing*, 16(3), 317-326.

Bolt, O. C., Jones, F. W., Rudaz, M., Ledermann, T., & Irons, C. (2019). Self-compassion and compassion towards one's partner mediate the negative association between insecure attachment and relationship quality. *Journal of Relationships Research*, 10, E20.

Seibert, G. S., Jaurequi, M. E., May, R. W., Cooper, A. N., Ledermann, T., Kimmes, J. G., & Fincham, F. D. (2019). Self-control, sleep disturbance, and the mediating role of

occupational burnout in married couples. *Journal of Social and Personal Relationships*, 36(10), 3159-3177.

Rudaz, M., Ledermann, T., & Grzywacz, J. G. (2019). The influence of daily spiritual experiences and gender on subjective well-being over time in cancer survivors. *Archive for the Psychology of Religion*, 41(2), 159-171.

Gygi, J. T., Ledermann, T., Grob, A., Rudaz, M., & Hagmann-von Arx, P. (2019). The Reynolds Intellectual Assessment Scales: Measurement invariance across four language groups. *Journal of Psychoeducational Assessment*, 37(5), 590-602.

Twohig, M. P., Abramowitz, J. S., Smith, B. M., Fabricant, L. E., Jacoby, R. J., Morrison, K. L., Bluett, E. J., Reuman, L., Blakey, S. M., & Ledermann, T. (2018). Adding acceptance and commitment therapy to exposure and response prevention for obsessive-compulsive disorder: A randomized controlled trial. *Behaviour Research and Therapy*, 108, 1-9.

McWey, L. M., Cui, M., Cooper, A. N., & Ledermann, T. (2018). Caregiver-adolescent disagreement on the mental health of youth in foster care: The moderating role of the caregiver relationship. *Child maltreatment*, 23(3), 294-302.

Orth, U., Erol, R. Y., Ledermann, T., & Grob, A. (2018). Codevelopment of well-being and self-esteem in romantic partners: Disentangling the effects of mutual influence and shared environment. *Developmental Psychology*, 54(1), 151-166.  
doi:<http://dx.doi.org/10.1037/dev0000400>

Schweizer, F., Hagmann-von Arx, P., Ledermann, T., & Grob, A. (2018). Geschlechtsinvarianz und Geschlechtsdifferenzen in der Intelligenzeinschätzung mit den Intelligence and Development Scales [Gender differences in intelligence assessment with the Intelligence and Development Scales]. *Diagnostica*, 64, 203-214.

Troesch, L. M., Ledermann, T., Jones, J. W., & Grob, A. (2018). School engagement and achievement in sibling pairs: Gender and birth order matter. *Journal of Relationships Research*, e9.

Jones, J. W., Ledermann, T., & Fauth, E. B. (2018). Self-rated health and depressive symptoms in older adults: A growth mixture modeling approach. *Archives of Gerontology and Geriatrics*, 79, 137-144.

Rudaz, M., Ledermann, T., & Grzywacz, J. G. (2018). Spiritual coping, perceived growth, and the moderating role of spiritual mindfulness in cancer survivors. *Journal of psychosocial oncology*, 36(5), 609-623.

Weidmann, R., Ledermann, T., Robins, R. W., Gomez, V., & Grob, A. (2018). The reciprocal link between the Big Five traits and self-esteem: Longitudinal associations within and between parents and their offspring. *Journal of Research in Personality*, 74, 166-181.

Ledermann, T., Rudaz, M., & Grob, A. (2017). Analysis of group composition in multimember multigroup data. *Personal Relationships*, 24(2), 242-264. doi:10.1111/pere.12176

Ledermann, T., & Kenny, D. A. (2017). Analyzing dyadic data with multilevel modeling versus structural equation modeling: A tale of two methods. *Journal of Family Psychology*, 31(4), 442-452. doi:10.1037/fam0000290

Weidmann, R., Ledermann, T., & Grob, A. (2017). Big five traits and relationship satisfaction: The mediating role of self-esteem. *Journal of Research in Personality*, 69, 102-109. doi:<http://dx.doi.org/10.1016/j.jrp.2016.06>

Weidmann, R., Schönbrodt, F. D., Ledermann, T., & Grob, A. (2017). Concurrent and longitudinal dyadic polynomial regression analyses of Big Five traits and relationship satisfaction: Does similarity matter? *Journal of Research in Personality*, 70, 6-15. doi:<http://dx.doi.org/10.1016/j.jrp.2017.04>

Rudaz, M., Ledermann, T., Margraf, J., Becker, E. S., & Craske, M. G. (2017). The moderating role of avoidance behavior on anxiety over time: Is there a difference between social anxiety disorder and specific phobia? *PloS one*, 12(7), e0180298.

Rudaz, M., Becker, E. S., Margraf, J., Ledermann, T., Meyer, A. H., & Craske, M. G. (2016). Dysfunctional attitudes and anxiety sensitivity in the manifestation and first onset of social anxiety disorder versus specific phobia and healthy: A prospective longitudinal study. *Psychology*, 7(14), 1810.

Ledermann, T., & Kenny, D. A. (2015). A toolbox with programs to restructure and describe dyadic data. *Journal of Social and Personal Relationships*, 32(8), 997-1011. doi:10.1177/0265407514555273

Garcia, R. L., Kenny, D. A., & Ledermann, T. (2015). Moderation in the actor-partner interdependence model. *Personal Relationships*, 22(1), 8-29. doi:10.1111/pere.12060

Ledermann, T., & Macho, S. (2014). Analyzing change at the dyadic level: The common fate growth model. *Journal of Family Psychology*, 28(2), 204-213. doi:10.1037/a0036051  
10.1037/a0036051.supp (

Frischknecht, Marie-Claire, Reimann, G., Gut, J., Ledermann, T., & Grob, A. (2014). Wie genau können Mütter die Mathematik- und Sprachleistungen ihrer Kinder einschätzen? Ein Vergleich zwischen Müttereinschätzung und Testleistungen bei Kindern im Alter von 6–10 Jahren [The accuracy of maternal reports regarding their children's mathematical and language abilities]. *Zeitschrift für Entwicklungspsychologie und Pädagogische Psychologie*, 46(2), 67-78. doi:<http://dx.doi.org/10.1026/0049-8637/a000>

- Lennon, C. A., Stewart, A. L., & Ledermann, T. (2013). The role of power in intimate relationships. *Journal of Social and Personal Relationships*, 30(1), 95-114. doi:10.1177/0265407512452990
- Lemola, S., Ledermann, T., & Friedman, E. M. (2013). Variability of sleep duration is related to subjective sleep quality and subjective well-being: An actigraphy study. *PLoS ONE*, 8(8), 9.
- Schwarz, B., Stutz, M., & Ledermann, T. (2012). Perceived interparental conflict and early adolescents' friendships: The role of attachment security and emotion regulation. *Journal of Youth and Adolescence*, 41(9), 1240-1252. doi:10.1007/s10964-012-9769-4
- Ledermann, T., & Kenny, D. A. (2012). The common fate model for dyadic data: Variations of a theoretically important but underutilized model. *Journal of Family Psychology*, 26(1), 140-148. doi:10.1037/a0026624
- Ledermann, T., Macho, S., & Kenny, D. A. (2011). Assessing mediation in dyadic data using the actor-partner interdependence model. *Structural Equation Modeling*, 26(3), 503-519. doi:10.1080/10705511.2011.607099
- Macho, S., & Ledermann, T. (2011). Estimating, testing, and comparing specific effects in structural equation models: The phantom model approach. *Psychological Methods*, 16, 34-43. doi:10.1037/a0021763
- Kenny, D. A., & Ledermann, T. (2010). Detecting, measuring, and testing dyadic patterns in the actor-partner interdependence model. *Journal of Family Psychology*, 24(3), 359-366. doi:10.1037/a0019651
- Rudaz, M., Craske, M. G., Becker, E. S., Ledermann, T., & Margraf, J. (2010). Health anxiety and fear of fear in panic disorder and agoraphobia vs. social phobia: A prospective longitudinal study. *Depression and Anxiety*, 27(4), 404-411. doi:10.1002/da.20645
- Ledermann, T., Bodenmann, G., Gagliardi, S., Charvoz, L., Verardi, S., Rossier, J., Bertoni, A., & Iafrate, R. (2010). Psychometrics of the Dyadic Coping Inventory in three language groups. *Swiss Journal of Psychology/Schweizerische Zeitschrift für Psychologie/Revue Suisse de Psychologie*, 69(4), 201-212. doi:10.1024/1421-0185/a000024
- Bodenmann, G., Meuwly, N., Bradbury, T. N., Gmelch, S., & Ledermann, T. (2010). Stress, anger, and verbal aggression in intimate relationships: Moderating effects of individual and dyadic coping. *Journal of Social and Personal Relationships*, 27(3), 408-424. doi:10.1177/0265407510361616
- Ledermann, T., Bodenmann, G., Rudaz, M., & Bradbury, T. N. (2010). Stress, communication, and marital quality in couples. *Family Relations: An Interdisciplinary Journal of Applied Family Studies*, 59(2), 195-206. doi:10.1111/j.1741-3729.2010.00595.x

Ledermann, T., & Macho, S. (2009). Mediation in dyadic data at the level of the dyads: A structural equation modeling approach. *Journal of Family Psychology*, 23(5), 661-670. doi:10.1037/a0016197

Bodenmann, G., & Ledermann, T. (2008). Depressed mood and sexual functioning. *International Journal of Sexual Health*, 19(4), 63-73. doi:10.1300/J514v19n04\_07

Gmelch, S., Bodenmann, G., Meuwly, N., Ledermann, T., Steffen-Sozinova, O., & Striegl, K. (2008). Dyadisches Coping Inventar (DCI): Ein Fragebogen zur Erfassung des partnerschaftlichen Umgangs mit Stress [Dyadic Coping Inventory (DCI): A questionnaire assessing dyadic coping in couples]. *Zeitschrift für Familienforschung*, 20, 185-203.

Bodenmann, G., Cina, A., Ledermann, T., & Sanders, M. R. (2008). The efficacy of the Triple P-Positive Parenting Program in improving parenting and child behavior: A comparison with two other treatment conditions. *Behaviour Research and Therapy*, 46(4), 411-427. doi:10.1016/j.brat.2008.01.001

Bodenmann, G., Ledermann, T., & Bradbury, T. N. (2007). Stress, sex, and satisfaction in marriage. *Personal Relationships*, 14(4), 551-569. doi:10.1111/j.1475-6811.2007.00171.x

Ledermann, T., Bodenmann, G., & Cina, A. (2007). The efficacy of the couples coping enhancement training (CCET) in improving relationship quality. *Journal of Social and Clinical Psychology*, 26(8), 940-959. doi:10.1521/jscp.2007.26.8.940

Bodenmann, G., Ledermann, T., Blattner, D., & Galluzzo, C. (2006). Associations among everyday stress, critical life events, and sexual problems. *Journal of Nervous and Mental Disease*, 194(7), 494-501. doi:10.1097/01.nmd.0000228504.15569.b6 16840

Ledermann, T., & Bodenmann, G. (2006). Moderator- und Mediatoreffekte bei dyadischen Daten: Zwei Erweiterungen des Akteur-Partner-Interdependenz-Modells [Moderator and Mediator Effects in Dyadic Research: Two Extensions of the Actor-Partner Interdependence Model]. *Zeitschrift für Sozialpsychologie*, 37(1), 27-40.

Bodenmann, G., Meyer, J., Ledermann, T., Binz, G., & Brunner, L. (2005). Partnerschaftszufriedenheit in Abhängigkeit der Ehedauer [Marital satisfaction according to the duration of marriage]. *Schweizerische Zeitschrift für Soziologie*, 31, 343-362.

## Invited Book Chapters

Garcia, R. L., & Ledermann, T. (2019). Data analysis strategies for relationship research. In Dominik Schoebi, & Belinda Campos (Eds.), *New directions in the psychology of close relationships*. Routledge.

Ledermann, T., & Macho, S. (2015). Assessing mediation in simple and complex models. In Rivera, L. (Ed.), *Structural Equation Modeling (SEM): Concepts, applications and misconceptions*. New York: Nova Science Publishers.

### **Invited Encyclopedia Entries**

Ledermann, T., & Ackerman, R. A. (2018). Dyadic data analysis. In Frey, B. (Ed.), *The SAGE Encyclopedia of Educational Research, Measurement, and Evaluation* (p. 554-555). Thousand Oaks, CA: Sage.

### **Invited Reviews**

Weidmann, R., Ledermann, T., & Grob, A. (2016). The interdependence of personality and satisfaction in couples: A review. *European Psychologist*, 21(4), 284-295.  
doi:10.1027/1016-9040/a000261

### **Refereed Reviews**

Montgomery, S. C., Short, J. R., Ledermann, T., Kimmes, J. G., Longley, K. E., Manhiri, E., & Grzywacz, J. G. (2023). Work and family transitions throughout adulthood and the impact on health: A systematic review. *Journal of Population Ageing*, 16(2), 519-564.

### **Invited Newsletter Articles**

Ackerman, R. A., Ledermann, T., & Kenny, D. A. (2010). Using dyadic analysis in health psychology. *The European Health Psychologist*, 12, 18-20.

### **Nonrefereed Summaries**

Ledermann, T., & Kenny, D. A. (2016). Summary of *Bibliography of common fate model*.  
<http://thomasledermann.com/scientificactivities>.

Kenny, D. A., & Ledermann, T. (2012). Summary of *Bibliography of actor-partner interdependence model*. <http://davidakenny.net/doc/apimbiblio.pdf>.

## **Nonrefereed Reports**

- Ledermann, T., Cina, A., Meyer, J., Gabriel, B., & Bodenmann, G. (2011). *Die Wirksamkeit zweier Präventionsprogramme zur Verbesserung elterlicher Kompetenzen und kindlichen Befindens [The efficacy of two prevention programs to improve parental competences and child behavior]* (163). Fribourg, Switzerland: University of Fribourg.
- Cina, A., Ledermann, T., Meyer, J., Gabriel, B., & Bodenmann, G. (2011). *Triple P in der Schweiz: Zufriedenheit, Akzeptanz und Wirksamkeit [Triple P in Switzerland: Satisfaction, acceptance, and efficacy]* (162). Fribourg, Switzerland: University of Fribourg.

## **Information and Communication Technology**

### **Computer Software Development**

- Ledermann, T., & Kenny, D. A. (2015). *RDDD – Restructure and Describe Dyadic Data* [Computer software]. Journal of Social and Personal Relationships.

## **Contracts and Grants**

### **Contracts and Grants Funded**

Sutin, Angelina R. (PI), Luchetti, Martina (Co-I), Terracciano, Antonio (Co-I), & Ledermann, Thomas (Co-I). (Sep 2023–Aug 2026). *A mechanistic and dyadic approach to identify how interpersonal conscientiousness supports cognitive health and lowers risk of dementia*. Funded by National Institute on Aging. Total award \$2,300,176.

Graven, Lucinda J. (PI), Howren, M. Bryant (PI), Abbott, Laurie (Co-I), Drwal, Kariann (Co-I), & Ledermann, Thomas (Co-I). (Oct 2022–Sep 2024). *Supporting physical and mental health in rural veterans with heart failure (CARE-HF)*. Funded by Veterans Administration Office of Rural Health - Veterans Rural Health Resource Center-GNV (VRHRC-GNV). Total award \$240,799.

Ledermann, T. (Oct 2022–Apr 2023). *Loneliness, commitment, psychological well-being, and the role of shared time in close relationships*. Funded by Florida State University Undergraduate Research Opportunity Program (UROP). Total award \$1,000.

Gordon, Bradley (PI), & Ledermann, Thomas (Consultant). (May 2022–Jan 2024). *Resistance exercise for protection against glucocorticoids in aged skeletal muscle*. Funded by National Institutes of Health. Total award \$148,664.

Hickner, Robert C. (PI), Ormsbee, Michael J. (PI), Berryman, Claire E. (Co-I), Sweeney, Michael J. (Co-I), & Ledermann, Thomas (Co-I). (May 2021–Dec 2026). *Resistance training modulation of fat metabolism in obese postmenopausal women*. Funded by National Institutes of Health. (R01DK125728). Total award \$3,523,538.

Ledermann, T. (Nov 2020–Nov 2020). *Travel Grant to attend the Conference of the National Council on Family Relations (NCFR)*. Funded by Provost's Faculty Travel Grant Committee, Florida State University (FSU). Total award \$279.

Graven, L. J., Abbot, L., Glueckauf, R., & Ledermann, T. (Sep 2020–Jun 2023). *Enhancing problem-solving skills in underserved rural heart failure dyads*. Funded by Florida Blue Center for Rural Research. Total award \$20,000.

Terracciano, Antonio (PI), Sutin, Angelina R. (Co-PI), Luchetti, Martina (Co-I), Ledermann, Thomas (Co-I), & Katz, Paul Richard (Co-I). (Sep 2020–Aug 2025). *Personality and Dementia: Mechanisms and Trajectories*. Funded by National Institutes of Health. (1R01AG068093). Total award \$2,547,500.

Delp, Michael (PI), Tarasova, O., Vinogradova, O., Wen Mao, X., Baker, J., Ledermann, T., Narayanan, S., Bagher, P., & Mitchell, R. (2020–2023). *High altitude spaceflight on the Bion-M2: Effects on arterial and venous vessels*. Funded by National Aeronautics and Space Administration. Total award \$399,981.

Arjmandi, Bahram H (PI), & Ledermann, T. (Oct 2019–Oct 2022). *Effect of prune on fracture healing in men and women with a wrist fracture*. Funded by California Prune Board. Total award \$100,000.

Delp, Michael D. (PI), Delp, Judy M. (Co-I), & Ledermann, Thomas (Consultant). (Oct 2019–Oct 2022). *Radiation, simulated weightlessness and countermeasures: Effects on cerebral and coronary vascular structure and function*. Funded by National Aeronautics and Space Administration (NASA). Total award \$903,042.

Sutin, Angelina R. (PI), Terracciano, Antonio (Co-I), Luchetti, Martina (Co-I), & Ledermann, Thomas (Co-I). (Aug 2019–Oct 2021). *The interpersonal core of conscientiousness: Mechanisms and partner effects that promote healthier cognitive aging and reduce risk of Alzheimer's*. Funded by National Institute on Aging. (R56AG064952). Total award \$788,484.

Ledermann, Thomas (PI). (May 2018–Aug 2018). *FYAP: New Indexes to Measure Similarity in Dyads and Triads*. Funded by FSU CRC. (None). Total award \$20,000.

Galovan, Adam (PI), Bradbury, T. N., Carroll, J., Schramm, D., & Ledermann, T. (2018–2019). *Applying a strong relationality framework to relationship science*. Funded by SSHRC Insight Development Grant, University of Alberta. Total award \$45,000.

Kafescioglu, Nilufer (PI), Arikan, Gizem (Co-I), Kumru, Asiye (Co-I), & Ledermann, Thomas (Consultant). (Jun 2014–May 2017). *Factors Influencing the Marital Relationship in the First Years of Marriage*. Funded by Scientific and Technological Research Council of Turkey. Total award \$130,800.

Ledermann, T. (May 2011–May 2011). *1st Modern Modeling Methods Conference (May 2011)*, University of Connecticut, Storrs, CT. Funded by Swiss National Science Foundation. Total award \$2,100.

Ledermann, T. (Sep 2009–Sep 2009). *11th Congress of the Swiss Society of Psychology (August 2009)*, Neuchâtel, Switzerland. Funded by Swiss National Science Foundation. Total award \$1,500.

Ledermann, T. (Mar 2009–Jan 2011). *Methods for analyzing longitudinal data at the individual and dyadic levels of analysis*. Funded by Swiss National Science Foundation. Total award \$95,000.

Ledermann, T. (Feb 2007–Mar 2008). *Interaction and mediation effects in couples: New approaches and empirical findings*. Funded by Swiss National Science Foundation. Total award \$42,500.

## **Postdoctoral Supervision**

Knopp, K. (2021–26).

Karaköse, S. (Sep 2022–May 2023).

Karaköse, S. (Sep 2021–Aug 2022).

## **Teaching**

### **Courses Taught**

Methods of Research (CHD5915)

Methods of Studying Families and Children (CHD4630)

Parental Absence & Child Devel (PSY4910)

Dyadic Data Analysis (FAD6935)

Systemic Research (FAD5906)

Dyadic Data Analysis (Directed Individual Study) (CHD5906)

Special Project (FAD5970)

Slf-Estm Idnty Minority Fam (FAD5900)

Research Design and Analysis II (2016-2017). Utah State University (PSY 7610)

Research Design and Analysis I (2015-2016). Utah State University (PSY 6600)

Journal club. Seminar (2011-2015). University of Basel

Konstruktion und Auswertung psychologischer Tests [Development and evaluation of psychological tests]. Seminar (2014-2015). University of Basel

Interpersonale Beziehungen über die Lebensspanne [Interpersonal relationships across the lifespan]. Seminar. University of Basel

Interpersonal processes in small groups across the lifespan. Seminar. University of Basel

Entwicklungs- und Leistungsdiagnostische Verfahren [Developmental and achievement tests]. Seminar. University of Basel

Interpersonal relationships across the lifespan. Seminar. University of Konstanz

Statistik II [Statistic II]. Lecture (2012-2014). University of Konstanz

Advanced applied statistic. Lecture. University of Konstanz

Diagnostische Übungen [Psychometric tests]. Seminar (2011-2013). University of Basel

Testtheorie und Fragebogenkonstruktion [Psychometric testing]. Lecture. University of Konstanz

Statistik I [Statistic I]. Lecture. University of Konstanz

Aggressives Verhalten im Kindes- und Jugendalter [Aggression in children and adolescents]. Seminar, with Alexander Grob. University of Basel

Lizenziandenkolloquium [Master's thesis colloquium], with Guy Bodenmann. University of Fribourg

Methoden in der Paarforschung [Methods for couple research]. Lecture. University of Fribourg

Methoden in der Paarforschung [Methods for couple research]. Seminar, with Guy Bodenmann. University of Fribourg

SPSS-Tutoriate [SPSS tutorials]. (2001-2003). University of Fribourg

## New Course Development

Dyadic Data Analysis (2019)

Interpersonal processes in small groups across the lifespan (2014)

Advanced applied statistic (2013)

Methoden in der Paarforschung [Methods for couple research]. Lecture. University of Fribourg (2007)

## Doctoral Committee Chair

Welch, A. C., graduate. (2023).

Su, T., graduate. (2022).

de Leon, M. G., doctoral candidate.

Marshall, J., doctoral candidate.

Cockey, A. J., doctoral student.

Zhang, Y., doctoral student.

## Doctoral Committee Member

Selice, L., graduate. (2023).

Farley, T. M., graduate. (2022).

Call, T., graduate. (2021).  
Hong, P., graduate. (2021).  
London-Johnson, A., graduate. (2020).  
Jones, J. H., graduate. (2020).  
Roberts, K. F., graduate. (2020).  
Fitzgerald, M. C., graduate. (2020).  
Bean, C. R., graduate. (2019). [Utah State University]  
Litson, K., graduate. (2019). [Utah State University]  
Schwartz, S. E., graduate. (2017). [Mathematical Sciences, Utah State University]  
Bermudez, D., doctoral candidate.  
Feng, Q., doctoral candidate.  
Iturriaga, V. F., doctoral candidate.  
Jalapa Sandoval, K., doctoral candidate.  
Marroquin, C., doctoral candidate.  
Pocchio, K. E., doctoral candidate.  
Williams, J. H., doctoral candidate.  
Smedley, D., doctoral student.  
Zheng, Y., doctoral student.

### **Doctoral Committee University Representative**

Peters, S. D., doctoral candidate.

### **Master's Committee Chair**

Abreu, J. O. R., student.

### **Master's Committee Cochair**

Manhiri, E., graduate. (2022).

### **Master's Committee Member**

Garcia, M. E., graduate. (2023).  
De Leon, M. G., graduate. (2023).  
Bermudez, D., graduate. (2022).  
Feng, Q., graduate. (2022).  
Jalapa Sandoval, K., graduate. (2022).  
Williams, J. H., graduate. (2021).

## **Bachelor's Committee Chair**

- Brun, V., graduate. (2015). *Die Auswirkung von sexueller self-disclosure und dem Bindungsverhalten auf die sexuelle Zufriedenheit in heterosexuellen Partnerschaften: Ein Review.*
- Tomic, P., graduate. (2015). *Wir sind für nichts so dankbar, wie für die Dankbarkeit. Eine Analyse über den Zusammenhang zwischen Dankbarkeit und romantischen Beziehungen.*
- Stutz, M., graduate. (2014). *Die Beziehung von Persönlichkeit und dem Glauben an „Was wäre wenn ...?“ – Kontrafaktisches Denken aus persönlichkeitspsychologischer Perspektive.*
- Velte, R., graduate. (2014). *Auszug oder nicht? Ursachen und Folgen des Auszugsverhaltens junger Erwachsener.*
- Winter, N., graduate. (2014). *Negative Folgen der elterlichen Scheidung auf die partnerschaftliche Beziehung des Scheidungskindes.*
- Hügli, N., graduate. (2013). *Kurze Achtsamkeit basierte Stressreduktions-Intervention senkt den Stresslevel.*
- Savona, S., graduate. (2013). *Critical thinking in school students: Why and how should critical thinking be taught to school students?*
- Werndl, C., graduate. (2013). *Zusammenhänge zwischen den Big Five-Persönlichkeitsdimensionen und dem Selbstwertgefühl.*
- Z'graggen, F., graduate. (2013). *Kann Glaube Berge versetzen? Auswirkung von Religiosität und Spiritualität auf die Gesundheit.*
- Elmer, T., graduate. (2012). *Understanding Romantic Relationships: A Review on Satisfaction and Stability.*
- Pineroli, N., graduate. (2012). *Effects of Mindfulness Training on Subsystems of Attention.*
- Zölle, E., graduate. (2012). *Virtuelle vs. reale Umwelt: Ist die Urteilsfindung bezüglich der Persönlichkeit durch beide Quellen gleich sinnvoll?*

## **Supervision of Student Research Not Related to Thesis or Dissertation**

Peace, A. (2023–24).

Oteri, C. (2021–22).

Service

**Florida State University**

**FSU University Service**

Representative, Faculty Senate (2023–present).

Member of the sub-committee, Sub-committee of the Graduate Policy Committee (GPC) reviewing the Department of Psychology (2023).

## **FSU College Service**

Member, Tech fee committee (2023–present).

Member, College Promotion and Tenure Committee (2022–2025).

Abstract Reviewer, College of Health and Human Sciences graduate student showcase (2022).

Judge, College of Health and Human Sciences graduate student showcase (2018).

## **The Profession**

### **Editorial Board Membership(s)**

*Journal of Social and Personal Relationships* (2019–present).

*Personal Relationships* (2017–present).

*Journal of Family Psychology* (2014–present).

### **Guest Reviewer for Refereed Journals**

*Journal of Black Psychology* (2024–present).

*Social and Personality Psychology Compass* (2024–present).

*Journal of Happiness Studies* (2022–present).

*British Journal of Social Psychology* (2021–present).

*Psychology of Sport & Exercise* (2021–present).

*Annals of Behavioral Medicine* (2020–present).

*Journal of Contextual Behavioral Science* (2020–present).

*Journal of Diversity in Higher Education* (2020–present).

*Psychological Review* (2020–present).

*Social Psychological and Personality Science* (2020–present).

*Journal of Family Issues* (2019–present).

*Journal of Family Research* (2019–present).

*Peerj* (2019–present).

*Personality and Psychological Bulletin* (2019–present).

*Psychometrika* (2019–present).

*Frontiers in Psychology* (2018–present).

*Journal of Personality Assessment* (2018–present).

*Journal of Relationship Research* (2018–present).

*Mindfulness* (2018–present).

*Oxford University Press* (2018–present).

*PLOS ONE* (2018–present).

*Quality of Life Research* (2018–present).

*Risk Analysis* (2018–present).

*Behavior Research Methods* (2017–present).

*British Journal of Mathematical and Statistical Psychology* (2017–present).

*Family Process* (2017–present).

*International Journal of Behavioral Medicine* (2017–present).

*Military Behavioral Health* (2017–present).

*Anxiety, Stress, and Coping* (2016–present).

*Developmental Psychology* (2016–present).

*European Journal of Psychological Assessment* (2016–present).

*Feminist Economics* (2016–present).

*Journal of Individual Differences* (2015–present).

*Personal Relationships* (2015–present).

*Emerging Adulthood* (2014–present).

*Journal of Marriage and Family* (2014–present).

*Journal of Personality and Social Psychology* (2014–present).

*Child Indicators Research* (2013–present).

*Journal for General Social Issues: Društvena Istraživanja* (2012–present).

*Canadian Journal of Behavioural Science* (2011–present).

*Journal of Family Psychology* (2011–present).

*Personality and Social Psychology Review* (2011–present).

*Journal of Family Psychology* (2010–present).

*Journal of Social and Personal Relationships* (2010–present).

*Communication Methods and Measures* (2009–present).

*European Journal of Personality* (2008–present).

*European Psychologist* (2008–present).

*Psychotherapeut* (2006–present).

*Social Science and Medicine* (2006–present).

*Swiss Journal of Psychology* (2005–present).

*Zeitschrift für Familienforschung* (2005–present).

### **Service to Other Universities**

Reviewer for a candidate's promotion to the rank of professor, *University of Florida* (2023).

Member, Research Assistant Professor and Managing Director of the Office of Methodological and Data Sciences Search Committee, *Utah State University* (2016).

Member, Examination committee for master's students, *University of Basel* (2011–2015).