

CURRICULUM VITAE
MAGDALENA G. GROHMAN

EDUCATIONAL HISTORY

PhD, June 2004, Jagiellonian University, Krakow, Poland, Psychology

Dissertation: *Generative and Explorative Processes in Creativity and Dynamics of Selective Attention*

MA, June 1998, Jagiellonian University, Krakow, Poland, Psychology

Thesis: *Creative Process: Generation and Evaluation and Mechanism of Cognitive Control*

EMPLOYMENT HISTORY

University of North Texas at Frisco

Associate Clinical Professor, College of Collaborative and Applied Sciences, Jan 16, 2023—present
Department of Multidisciplinary Innovation

The University of Texas at Dallas

Associate Director, Center for Values in Medicine, Science, and Technology, 2009 – January 15, 2023
Lecturer II, School of Arts and Humanities, 2013 – January 15, 2023
Lecturer II, School of Behavioral and Brain Sciences, 2009 – January 15, 2023

Dallas Museum of Art

Curriculum designer and workshop facilitator, Center for Creative Connections, 2009 – 2015

Organizational Wellness & Learning Systems, Inc., Fort Worth

Research Scientist, May 2008 – December 2008

Rice University

Postdoctoral Research Fellow, Department of Psychology, 2005 – 2007

UT Southwestern Medical Center

Adjunct Instructor in Psychology (Faculty Volunteer), Department of Psychiatry, Psychology Division, 2005 – 2006

Texas A&M University

Visiting Researcher, Department of Psychology, 2001 – 2002

Jagiellonian University, Poland

Teaching Assistant and Junior Researcher, Institute of Psychology, 1998 – 2003

TEACHING AND RESEARCH INTERESTS

Teaching interests include cognitive psychology, creativity and problem solving, design thinking, qualitative methods, ethics; research and scholarly interests include design and ethics, creative process and creative problem solving, creative problem-solving skills assessment, project-based learning and work-integrated learning pedagogies.

RESEARCH GRANTS, AWARDS, AND FELLOWSHIPS

- Profession Development Award 2025, Department of Multidisciplinary Innovation. Travel stipend to fund participation in *the 70th Annual Creative Problem-Solving Institute, Buffalo State University*, Buffalo, NY, June 22-26, 2025.
- Professional Development Award 2024. Department of Multidisciplinary Innovation. Travel stipend to fund participation in *Design Research Society Conference*, Boston, MA, June 24-28, 2024.
- Leadership Fellows Program, 2023-2024. Office of the Vice Provost for Faculty Success. University of North Texas.
- Nomination for President's Teaching Awards - Undergraduate Non-Tenure System. The University of Texas at Dallas, Spring 2021.
- APA Division 10, Society for the Psychology, Aesthetics, Creativity, and the Arts President's Citation in recognition for the service as Chair of Membership Committee, 2019.
- NSF Award Transfer, new NSF Award number 2325099, *The formation of engineers in the research lab: A cognitive ethnography study.*, Magdalena G. Grohman, PI, Co-PIs: Matthew J. Brown and Nicholas Gans, January 2023 –August 31, 2024, \$350,000.00
- NSF Award number 1902072, *The formation of engineers in the research lab: A cognitive ethnography study.*, Matthew J. Brown, PI, Co-PIs: Nicholas Gans, and Magdalena G. Grohman, September 2019 – August 31, 2023, \$350,000.00
- Imagination Institute Award, Template Foundation, *Self-Regulation in Creativity: The Difference Between Having an idea & Doing Something with It*, PI: Zorana Ivcevic, Yale University, Co-PIs: Magdalena Grohman, The University of Texas at Dallas, and Paul Silvia, University of North Carolina at Greensboro, July 2015 - August 2017, \$150,000
- NSF Award number EEC-1338735, *Engineering Ethics as an Expert Guided and Socially Situated Activity*, Matthew J. Brown, PI, Co-PIs: Nicholas Gans, and Magdalena G. Grohman, September, 2013 –August 31, 2016, \$ \$299,969
- Visiting Fellowship Program in fMRI, MGH/MIT/HMS Athinoula A. Martinos Center for Biomedical Imaging, March 6 – 10, 2006
- The Fulbright Commission Scholarship Award for Fulbright Junior Researcher, Texas A&M, 2001 -2002
- Department of Philosophy Dean's Conference Award, 2000
- Scholarship granted by Department of Philosophy, Jagiellonian University, during the course of Ph.D. studies, 1998-2001
- 10-month European Union TEMPUS Grant to Aarhus University, Denmark 1994 – 1995
- Scholarship granted by Institute of Psychology, Jagiellonian University, during undergraduate studies at Institute of Psychology, 1993 – 1998

PUBLICATIONS

Peer Reviewed Journal Articles

- Snyder, H. T., Grohman, M. G., & Awa, K. N. (2025). Creative Coursework and College Students' Perceptions: Examining Creative Self-Efficacy, Creative Personal Identity, and Intrinsic Task Motivation. *Thinking Skills and Creativity*, 101925.

- Grohman, M. G., Gans, N., Lee, E. A., Tacca, M., & Brown, M. J. (2020). Engineering ethics as an expert-guided and socially-situated activity. *Advances in Engineering Education*, 8 (3).
<https://advances.asee.org/engineering-ethics-as-an-expert-guided-and-socially-situated-activity/>
- Lee, E. A., Gans, N., Grohman, M. G., Tacca, M., & Brown, M. J. (2020). Guiding engineering student teams' ethics discussions with peer advising. *Science and Engineering Ethics*. DOI: 10.1007/s11948-020-00212-6.
- Brown, M. J., Lee, E. A., Grohman, M. G., and Gans, N. (2019). Ethics as a Rare Bird: A Challenge for Situated Studies of Ethics in the Engineering Lab. *Journal of Responsible Innovation*, 6, 284-304.
- Snyder, H. T., Hammon, J., A., Grohman, M. G., & Katz-Buonincontro, J. (2019). Creativity measurement in undergraduate students from 1984 – 2-13: A systematic review. *Psychology of Aesthetics, Creativity and the Arts*, 13, 133-143.
- Grohman, M. G. (2018). Teaching for Creativity: mini-c, little-c and Experiential Learning in College Classroom. *Nauki o Wychowaniu. Studia Interdyscyplinarne*, 2, 106-132.
- Grohman, M. G., Ivcevic, Z., Silvia, P., & Kaufman, S. B. (2017). The role of passion and persistence in creativity. *Psychology of Aesthetics, Creativity and the Arts*, 11, 376-385.
- Lee, E. A., Grohman, M. G., Gans, N., Tacca, and Brown, M. J. (2016). The roles of implicit understanding of engineering ethics in student teams' discussion. *Science and Engineering Ethics*. doi:10.1007/s11948-016-9856-0
- Grohman, M. G., Wodniecka, Z., Kłusak, M. (2006). Divergent thinking and evaluation skills: do they always go together? *Journal of Creative Behavior*, 40, (2), 125-145.
- Groborz, M., Necka, E. (2003). Creativity and cognitive control: explorations of generation and evaluation skills. *Creativity Research Journal*, 15, 183-198.

Conference Proceedings

- Grohman, M. G., Brown, M. J., Gans, N., & Edwards, J. G. (2023). Student learning experiences in the research lab: Qualitative analysis of two types of leadership-mentorship styles. *Proceedings of the 2023 ASEE Conference*. Baltimore, MD.
- Grohman, M. G., Lee, E. A., Gans, N., Tacca, M. and Brown, M. J. (2017). Engineering ethics and an expert guided and socially situated activity. *Proceedings of the 2017 ASEE Gulf-Southwest Section Annual Conference*. Richardson, TX.
- Lee, E. A., Grohman, M. G., Gans, N., Tacca, M., and Brown, M. J. (2015). Exploring implicit understanding of engineering ethics in student teams. *Proceedings of ASEE Annual Conference & Exposition*. Seattle, WA. <https://peer.asee.org/exploring-implicit-understanding-of-engineering-ethics-in-student-teams>

Chapters

- Grohman, M. G., Lee, E. A., Gans, N., Majewicz Fey, A., & Brown, M. J. (2024). *The Formation of Engineers in Research Labs during the COVID-19 Crisis*. In: Yann Shiou Ong, Timothy Ter Ming Tan, & Yew Jin Lee (Eds.) *A Diversity of Pathways through Science Education* (pp. 197-217). Springer.

- Grohman, M. G., Brown, M. J., & Lee, E. A. (2022). Hot topic: Ethical reflection as a part of creative problem solving. In: J.A. Plucker (Ed.), *Creativity and Innovation: Theory, Research, and Practice* (Second Edition). TX: Waco, Prufrock Press.
- Grohman, M. G., & Snyder, H. T. (2022). Why do We Create? The roles of motivation, mindset, and passion in human creativity. In: J.A. Plucker (Ed.), *Creativity and Innovation: Theory, Research, and Practice* (Second Edition). TX: Waco, Prufrock Press.
- Grohman, M. G., & Snyder, H. T. "Why do We Create? (2017). The roles of motivation, mindset, and passion in human creativity. In: J.A. Plucker (Ed.), *Creativity and Innovation: Theory, Research, and Practice* (pp. 165-180). TX: Waco, Prufrock Press.
- Grohman, M. G., Szmidt, K. J. (2013). Teaching for creativity: how to shape creative attitudes and skills in students and teachers. In: M. B. Gregorson, H. T. Snyder & J. C. Kaufman (Eds.). *Teaching creatively and teaching for creativity* (pp. 16-36). New York, NY: Springer Publishing Company.
- Nęcka, E., Grohman M., Stabosz, A. (2006). Creativity studies in Poland. In: J. C. Kaufman, R. J. Sternberg (Eds.). *International Handbook of Creativity*, (pp. 270-306). Cambridge Press.
- Piotrowski, K. T., Grohman, M. (2005). Zamot czyli skomplikowana sprawa. Analiza procesów syntezy pojęciowej w zadaniach odlingwistycznych [Head tangle or a very complex matter. Analysis of conceptual synthesis in linguistic tasks]. In: K. J. Szmidt, M. Modrzejewska-Świgulska (Eds.), *Psychopedagogika działań twórczych [Psychopedagogy of creative activity]*. Kraków: Oficyna Wydawnicza "Impuls".
- Grohman, M. (2004). Wpływ informacji dodatkowych na proces twórczy: generowanie i interpretacja prostych form graficznych [The influence of incidental cues on generating and interpreting simple graphic forms]. In: S. Popek (Ed.), *Twórczość w teorii i praktyce [Creativity in Theory and Practice]*, (pp. 113-124). Lublin: Wydawnictwo UMCS.
- Groborz, M., Slifierz, S. (2003). Dwa oblicza twórczego myślenia: generowanie idei i ich ocena [Two facets of creative thinking: generation of ideas and its evaluation]. In: K. Szmidt (Ed.) *Dydaktyka twórczości [Teaching creativity]*, (pp. 207-227). Oficyna Wydawnicza "Impuls", Kraków.
- Tokarz, A., Groborz, M. (2001). Recent Advances in Creativity Research and Applied Projects in Poland. In: M. Stein (Ed.) *Creativity's Global Correspondents 2001*. NY: New York, Winsolw Press.

Books

- Ivecevic, Z., Reiter-Palmon, R., Tang, M., & Grohman, M. G. (Eds.). (2024). *Crises, creativity and innovation*. Palgrave McMillan.

In Progress

- Grohman, M. G., Ranieri, E. N., & Fulton, K. A., (Forthcoming). Project-Based Learning and Creative Problem-Solving: Pedagogical Compatibility in a Multidisciplinary Department. In: G. Puccio, F. Hertel., A. Lohiser, & C. McKayle (Eds.) *Handbook on Applied Creativity in Higher Education*. Palgrave.
- Brown, M. J., E. A. Lee, Gans, N., Grohman, M. G., and Tacca, M. (In progress). It's Up to the Managers': Strategies Engineering Students Use to Avoid Discussing Ethics. *Journal of Responsible Innovation*.

Grohman, M. G., Gans, N., Majewicz Fey, A., Lee E. A., & Brown, M. J. (In progress). Scaffolding in the Engineering Lab: Organic and Self-Directed Varieties of Scaffolding. *Mind, Culture, and Activity*.

Lee, E. A., Grohman, M. G., Gans, N., Tacca, M., & Brown, M. J. (In progress). *Peer Advising and Successful Ethics Discussions for Engineering Design Projects* (In progress).

Unpublished Manuscripts

Grohman, M. *Idea generation and exploration in relation to cue utilization process*.

Grohman, M., Dannemiller, J. L. *Self-determined switching patterns in a problem-solving situation*.

Translations

Celan, Paul. (1948/2016). Death Fuge. [*Fuga Śmierci*]. Translation from English: M. G. Grohman, W. Krawcewicz. *REUNION. Dallas review*, 6, 2016, 25-28.

Gardner, H., Kornhaber, M. L., Wake, W. K. (1996/2001). *Intelligence. Multiple Perspectives*. [*Inteligencja. Wielorakie perspektywy*]. Translation: M. Groborz, M. Śmieja. Warszawa: WSiP.

Stein, M. I. (1984/1997). *Making the point. [Twórczość pod lupą. Aforyzmy, wiersze i anegdoty poświęcone twórczości]*. Translation: M. Groborz, Z. Wodniecka. Kraków: Oficyna Wydawnicza „Impuls”.

ACADEMIC TALKS AND CONFERENCE PRESENTATIONS

Grohman, M. G. (2025). Taking creativity seriously. Using design thinking and creative problem solving in project-based learning. *Poster presented at the Project-Based Learning Symposium. Department of Multidisciplinary Innovation, CACS UNT*. Frisco, TX, May 5, 2025.

Pretz, J., Grohman, M. G., & Morgan, B. (2024). How to teach creativity creatively. *Workshops delivered during the First Annual Society for Psychology of Aesthetics, Creativity, and the Arts Conference*. Denton, TX, March 14-16 2024

Grohman, M. G., Brown, M. J., Gans, N., & Edwards, J. G. (2023). Student learning experiences in the research lab: Qualitative analysis of two types of leadership-mentorship styles. *Paper presented at the 2023 ASEE Conference*. Baltimore, MD.

Grohman, M. G. & Snyder, H. T. (2022). Classroom Interventions to Increase Creative Potential in College Students, Part II. *Paper presented at Symposium on Creativity in Classrooms and Naturalistic Environments, Annual APA Convention*. Minneapolis, August 4 – 6 2022.

Grohman, M. G. (2022). Ethical Reflection in Engineering Design Process: A Case Study. *Invited talk presented at Virtual Creativity Salon, Drexel University*, June 3, 2022.

Lee, E. A., Grohman, M. G., Gans, N., Majewicz Fey, A., & Brown, M. J. (2021). Scaffolding in the Research Lab: A Strategy That Enriches Learning in Research Experience. *Paper presented at ESERA Conference, University of Minho, Braga, Portugal*, August 30 – September 3, 2021.

Lee, E. A., Grohman, M. G., Gans, N., Majewicz Fey, A., & Brown, M. J. (2021). The Formation of Engineers in the Research Lab: A Cognitive Ethnographic Study. *Paper presented at ISEC Conference, Singapore*, June 22 – 24, 2021.

- Lee, E. A., Grohman, M. G., Gans, N., Tacca, M., & Brown, M. J. (2019). Peer Advising and Successful Ethics Discussions for Engineering Design Projects. *Paper presented at AERA Conference*. Toronto, Canada, April 5 – 9 2019.
- Lee, E. A., Grohman, M. G., Gans, N., Majewicz Fey, A., & Brown, M. J. (2021). From On-Site to Online: The Challenge of Continuing Participant Observation in the Engineering Research Lab during the COVID-19 Pandemic. *Paper presented at SPA Conference*, March 2021.
- Grohman, M. G., Lee, E. A., Gans, N., Tacca, M., & Brown, M. J. (2018). Lost in Engineering Design. Ethical Reflection as a Part of Creative Problem Solving in Engineering. *Poster presented at Annual APA Convention*. San Francisco, August 9 – 12 2018.
- Grohman, M. G., Lee, E. A., Gans, N., Tacca, M. and Brown, M. J. (2017). Engineering Ethics and an Expert Guided and Socially Situated Activity. *Paper presented at ASEE Gulf-Southwest Section Annual Conference*. Richardson, TX, March 12-14 2017
- Grohman, M. G., & Snyder, H. T. (2016). Interventions to increase Creative Potential. *Paper presented at Annual APA Convention*. Toronto, August 4 – 7 2016.
- Brown, M. J., Lee, E. A., Grohman, M. G., Gans, N. and Tacca, M. (2016). "It's Up to the Managers": The Deferral of Responsibility in Engineers' Discussion of Ethics. *Paper presented at Consortium for Socially Relevant Philosophy of/in Science*. Richardson, TX. May, 19-22.
- Lee, E. A., Gans, N. Grohman, M., Tacca, M. & Brown, M. J. (2016). Situated and expert-guided discussion of engineering ethics in student teams. *Paper presented at National Association for Research in Science Teaching Annual Conference*. Baltimore, MD. April, 14-17.
- Grohman, M. G. (2015). Grit, Passion, and Persistence in Creative Achievements. *Paper presented at Annual APA Convention*. Toronto, August 6 – 9 2015.
- Grohman, M. G., Kaufman, S. B., & Silvia, P. (2014). Grit, Conscientiousness, and Openness to Experience in Creative Achievement. *Paper presented at Annual APA Convention*. Washington DC, August 7 – 10 2014.
- Heather T. Snyder, H. T., Grohman, M., Tomlinson, M., & Payette, R. L. (2012). Creative Self-Efficacy and the Creative Project. *Paper presented at 120th APA Convention*. Orlando, FA, August 2 – 5 2012.
- Grohman, M., Szmidt K. J. (2011). What works and what doesn't in teaching for creativity. *Paper presented at 119th APA Convention*. Washington, DC August 4 – 7 2011.
- Grohman, M. (2010). Creativity and selective attention. *BrainHealth Faculty Meeting*, Dallas, July 7th 2010
- Grohman, M. (2006). In search of optimal switching: Another perspective on task switching processes and paradigm. *Cognoscenti Meeting, Texas A&M University*, College Station, February 6th 2006.
- Grohman, M., Dannemiller, J. L., Ward, T. (2006). Switching between two sources of information in a problem-solving situation. *Poster presented at 47th Annual Meeting of Psychonomic Society*. Houston, Canada, November 16 – 19 2006

- Grohman, M., Dannemiller, J. L., Ward, T. (2006). Switching between two sources of information in a problem-solving situation. *Poster presented at 47th Annual Meeting of Psychonomic Society*. Houston, Canada, November 16 – 19 2006
- Grohman, M., Piotrowski, K. T., Ward, T. B. (2005). Concepts and novel idea generation. *Poster presented at 46th Annual Meeting of Psychonomic Society*. Toronto, Canada, November 10 – 13 2005.

PUBLIC ENGAGEMENTS

- Grohman, M. G. (2025). Going the (Creative) Block. *Invited course designed and taught for the Osher Lifelong Learning Institute (OLLI)*. UNT, March 26, 2025.
- Grohman, M. G. (2023). Ethnography in Cognitive Researcher's Practice. *Invited talk presented at the Science Report Rounds*. Institute of Psychology, Jagiellonian University, June 21st, 2023.
- Grohman, M. G. (2021). Creativity. A Messy and Beautiful Thing. *Invited presentation for students in Highland Park Independent School District*, Dallas, January 22, 2021
- Grohman, M. G. (2019). Creative Problem Solving for Leaders in Education. *Invited workshop presented at the 4th National Forum for Chief Administrators of University Engagement and Outreach*, UT Dallas, February 4th, 2019
- Grohman, M. G. (2018). First Step to Creativity: The Right Attitude. *Invited talk presented at the MENSA General meeting*, Dallas, April 15, 2018
- Grohman, M. G. (2015). First Step to Creativity: The Right Attitude. *Invited talk presented at TCCTA, Humanities Section*, Dallas, February 20, 2015.
- Grohman, M. G. (2014). The First Step Is to Say: Yes, I am Creative. *Invited talk presented at DFW Women Leadership Luncheon*, Dallas, October 30, 2014.
- Grohman, M. (2012). Psychology of Creative Process. *Invited Talk presented at Texas Christian University*, Fort Worth, TX, April 19, 2012.

TEACHING

University of North Texas at Frisco, Undergraduate Courses, January 2023—present

- Creativity and Complex Problems, CACS 2030
- Applied Design Thinking, SPDA 2030
- Applied Design Principles, SPDA 3030
- Pathways to Civic Engagement, BAAS 3000
- Fundamentals of Inquiry & Discovery, BAAS 3020
- Connections II: Team Creativity, SPDA 3220
- Connections III: Cultural Contexts, SPDA 4020

The University of Texas at Dallas, Undergraduate Courses, 2009 – 2022

- Conceptions of Creativity, ARHM 2340
- Psychology of Creativity, PSY 3355

- Creativity: People and Processes, HONS 3199
- Topics in the Humanities, Creative Thinking and Problem Solving, HUMA 3342

Dallas Museum of Art, 2009 – 2015

- *Think Creatively!* Workshops in Creative Thinking, Art Making, and Art Interpreting
- Teaching for Creativity Summer Seminar for Teachers
- Teaching for Creativity Institute, Summer Seminar for Teachers (in cooperation with Perot Museum of Nature and Science), Summer 2014

Warsaw School of Social Science, Poland, 2002 – 2004

- Diagnosis and Measurement of Creative Potential

Jagiellonian University, Poland, 1998 – 2004

Instructor in Graduate Courses:

- Creative Thinking Training and Creative Thinking Techniques
- Psychological Basis of Management
- Psychological Intervention in Organization

Instructor in Undergraduate Courses:

- Introduction to Cognitive Psychology
- Psychology of Individual Differences

B. Jański School of Higher Education, Poland, 1998 – 2001

- Organizational Behavior
- Learning Enhancement Techniques

PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS

- American Psychological Association, 2010 – present
- Society for the Psychology of Aesthetics, Creativity, and the Arts (Div. 10 of APA), 2010 – present
- Society for the Teaching of Psychology (Div. 2 of APA), 2015 – present
- Cognitive Science Society, 2010 – 2015

PROFESSIONAL AND COMMUNITY SERVICE

- Member of Executive Committee, Department of Multidisciplinary Innovation, CACS, UNT, Fall 2025 – present
- Member of Awards Committee, Department of Multidisciplinary Innovation, CACS, UNT, Fall 2024 – present

Member of PBL Symposium Committee, Department of Multidisciplinary Innovation, CACS, UNT, Fall 2024 – present

- Reviewer: Journal of Creative Behavior; Psychology of Aesthetics, Creativity, and the Arts; Thinking Skills and Creativity, 2009 – present
- Member of Conference Committee, Society for Psychology of Aesthetics, Creativity, and the Arts, 2022 – 2023
- Conference Organizer and Program Committee Member, Values in Medicine, Science, and Technology, 2010 – 2023
- Member of Microgrants Committee, Society for Psychology of Aesthetics, Creativity, and the Arts, 2021 – 2023
- Elected Member At Large, Society for Psychology of Aesthetics, Creativity, and the Arts, 2020 – 2023
- Chair of Election Committee, Society for Psychology of Aesthetics, Creativity, and the Arts, 2017 – 2019
- Chair of Membership Committee, Society for Psychology of Aesthetics, Creativity, and the Arts, 2016 – 2019
- MFA Task Force Committee, School of Arts and Humanities, UT Dallas, 2016 – 2017
- Associate Editor, Open Access BMC Psychology; SAGE Open, 2014 – 2018
- Director of Education, Jan Karski Polish School, May 2013-June 2016
- Member of Advisory Council for SPARK! Playground for the Mind. Dallas based initiative to foster creative process across domains, 2012-2018
- Ad hoc Grant Reviewing: NSF, Developmental and Learning Sciences, November 2005
- Consultancy in creative thinking programs for Dallas Museum of Art, 2008-2015