

DIANA SELMECZY  
Curriculum Vitae

## CONTACT INFORMATION

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Diana Selmeczy  
University of Colorado, Colorado Springs  
1420 Austin Bluffs Parkway  
Colorado Springs, CO 80918  
diana.selmeczy@uccs.edu  
(719) 255-4179

## EDUCATION

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|------------------------------------------------------------------------------------|---------------|
| Ph.D., Psychology, Washington University St. Louis, MO<br>Chair: Dr. Ian Dobbins   | December 2014 |
| M.A., Psychology, Washington University in St. Louis, MO<br>Chair: Dr. Ian Dobbins | December 2011 |
| B.S., Psychology, University of California, Davis<br>Minor: Biological Sciences    | December 2008 |

## PROFESSIONAL EXPERIENCES

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|---------------------------------------------------------------------------------------------|--------------|
| Assistant Professor, University of Colorado, Colorado Springs                               | 2019-current |
| Postdoctoral Scholar, University of California, Davis<br>Advisor: Dr. Simona Ghetti         | 2015-2019    |
| Graduate Student, Washington University in St. Louis<br>Advisor: Dr. Ian G. Dobbins         | 2009-2014    |
| Junior Specialist, UC Davis, Neurocognitive Development Lab<br>Supervisor: Dr. Susan Rivera | 2008- 2009   |

## REFEREED PUBLICATIONS

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\*Denotes Mentored Students

### Peer-reviewed Journal Articles

McLane, E. C.\*, Hatcher, S. K.\*, & **Selmeczy, D.** (2025). Earning More Points!: The Impact of Value on Children's Memory and Self-Regulated Learning Strategies. *Child Development*.  
<https://doi.org/10.1111/cdev.70019>

Leckey, S., **Selmeczy, D.**, & Ghetti, S. (2025). Two-year-olds' visual exploration of response options during memory decisions predicts metamemory monitoring one year later. *Nature*

*Updated: May 2026*

- Leckey, S., Gonzales, C., **Selmezy, D.**, & Ghetti, S. (2025). Toddlers' visual exploration during decisions predicts uncertainty monitoring 1 year later. *Child Development*, 96(1), 312–324. <https://doi.org/10.1111/cdev.14174>
- McLane, E. C.\*, & **Selmezy, D.** (2025). Children's Retrieval of Science Facts: The Role of Hints and Confidence. *Memory*, 33(1), 113–122. <https://doi.org/10.1080/09658211.2024.2406312>
- Shields, M.M.\*, Calabro, C.\*, & **Selmezy, D.**, (2024). Active help-seeking and metacognition interact in supporting children's retention of science facts. *Journal of Experimental Child Psychology*, 237, 105772. <https://doi.org/10.1016/j.jecp.2023.105772>
- Selmezy, D.**, Kazemi, A., & Ghetti, S. (2024). Seeking versus receiving help: How children integrate suggestions in memory decisions. *Child Development*, 95(2), 515–529. <https://doi.org/10.1111/cdev.14009>
- Anquillare, E. \*, & **Selmezy, D.** (2023). Developmental differences in value-based remembering: The role of feedback and metacognition. *Developmental Psychology*, 59(7), 1181–1189. <https://doi.org/10.1037/dev0001539>
- Shields, M. M\*, McGinnis, M. N.\*, & **Selmezy, D.** (2021). Remote Research Methods: Considerations for Work With Children. *Frontiers in Psychology*, 12, 703706. <https://doi.org/10.3389/fpsyg.2021.703706>
- Selmezy, D.**, Kazemi, A., & Ghetti, S. (2021). Developmental Differences in Subjective Recollection and Its Role in Decision Making. *Child Development*, 92(6), e1308–e1325. <https://doi.org/10.1111/cdev.13611>
- Selmezy, D.**, Ghetti, S., Zheng, L. R., Porter, T., & Trzesniewski, K. (2021). Help me understand: Adaptive information-seeking predicts academic achievement in school-aged children. *Cognitive Development*, 59, 101062. <https://doi.org/10.1016/j.cogdev.2021.101062>
- Leckey, S., **Selmezy, D.**, Kazemi, A., Johnson, E. G., Hembacher, E., & Ghetti, S. (2020). Response latencies and eye gaze provide insight on how toddlers gather evidence under uncertainty. *Nature Human Behaviour*, 1–9. <https://doi.org/10.1038/s41562-020-0913-y>
- Porter, T., Schumann, K., **Selmezy, D.**, & Trzesniewski, K. (2020). Intellectual humility predicts mastery behaviors when learning. *Learning and Individual Differences*, 80, 101888. <https://doi.org/10.1016/j.lindif.2020.101888>
- Jaeger, A., Queiroz, M.C., **Selmezy, D.**, & Dobbins, I.G., (2020). Source retrieval under cueing: Dissociated effects on accuracy versus confidence. *Journal of Experimental Psychology: Learning, Memory, and Cognition*. <http://dx.doi.org/10.1037/xlm0000826>
- Selmezy, D.**, Fandakova, Y., Grimm, K. J., Bunge, S. A., & Ghetti, S. (2019). Longitudinal trajectories of hippocampal and prefrontal contributions to episodic retrieval: Effects of age and puberty. *Developmental Cognitive Neuroscience*, 36, 100599. <http://doi.org/10.1016/j.dcn.2018.10.003>

- Selmezy, D., & Ghetti, S.** (2019). Here is a hint! How children integrate reliable recommendations in their memory decisions. *Journal of Experimental Child Psychology*, 177, 222–239. <http://doi.org/10.1016/j.jecp.2018.08.004>
- Fandakova, Y., **Selmezy, D.**, Leckey, S., Grimm, K. J., Wendelken, C., Bunge, S. A., & Ghetti, S. (2017). Changes in ventromedial prefrontal and insular cortex support the development of metamemory from childhood into adolescence. *Proceedings of the National Academy of Sciences*, 13, 201703079. <http://doi.org/10.1073/pnas.1703079114>
- Selmezy, D., & Dobbins, I. G.** (2017). Ignoring memory hints: The stubborn influence of environmental cues on recognition memory. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 43(9), 1448–1469. <http://doi.org/10.1037/xlm0000383>
- Konkel, A.<sup>+</sup>, **Selmezy, D.**,<sup>+</sup> & Dobbins, I. G. (2015). They can take a hint: Older adults effectively integrate memory cues during recognition. *Psychology and Aging*, 30(4), 781–794. <http://doi.org/10.1037/pag0000058>  
<sup>+</sup>joint first authorship
- Bugg, J. M., Diede, N. T., Cohen-Shikora, E. R., & **Selmezy, D.** (2015). Expectations and experience: Dissociable bases for cognitive control? *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 41(5), 1349–1373. <http://doi.org/10.1037/xlm0000106>
- Selmezy, D., & Dobbins, I. G.** (2014). Relating the content and confidence of recognition judgments. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 40(1), 66–85. doi:10.1037/a0034059
- Selmezy, D., Dobbins, I. G.** (2013) Metacognitive awareness and adaptive recognition biases. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 39(3), 678–690. doi: 10.1037/a0029469
- Jaeger, A., **Selmezy, D.**, O'Connor, A. R., Diaz, M. D., Dobbins, I. G. (2012) Prefrontal cortex contributions to controlled memory judgment: fMRI evidence from adolescents and young adults. *Neuropsychologia*, 50(14), 3745–3756. doi: 10.1016/j.neuropsychologia.2012.10.022
- Jaeger, A., Lauris, P., **Selmezy, D.**, & Dobbins, I. G. (2011). The costs and benefits of memory conformity. *Memory & Cognition*, 40(1), 101–112. doi:10.3758/s13421-011-0130-z
- Selmezy, D.**, Koldewyn, K., Wang, J. M., Lee, A., Harvey, D., Hessel, D. R., Tassone, F., et al. (2011). Investigation of amygdala volume in men with the fragile X premutation. *Brain Imaging and Behavior*, 5(4), 285–294. doi:10.1007/s11682-011-9132-5

## CHAPTERS

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- Selmezy, D., & Ghetti, S.** (2025). Development of Episodic Memory. *Encyclopedia of the Human Brain* (Second Edition). In Reference Module in Neuroscience and Biobehavioral Psychology (pp. 236-249). <https://doi.org/10.1016/b978-0-12-820480-1.00130-3>

**Selmezy, D.** & Ghetti, S. (2020). Metacognition. In *The Encyclopedia of Child and Adolescent Development*. (eds S. Hupp and J. Jewell). doi: [10.1002/9781119171492.wecad369](https://doi.org/10.1002/9781119171492.wecad369)

Ghetti, S., & **Selmezy, D.**, (2018). Metacognition. In *The SAGE Encyclopedia of Lifespan Human Development*. New York: Sage. doi: <http://dx.doi.org/10.4135/9781506307633.n522>

## NON-REFEREED PUBLICATIONS

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### Open Materials

McLane, E\*, Hatcher, K.\*, & **Selmezy D.**, (2025) The Development of Self-Regulated Learning Strategies. <https://osf.io/g539t/>

Shields, M. M.\*, **Selmezy, D.**, & McLane, E\*. (2022). The role of hints in children's retrieval-based learning . <https://osf.io/rx32s/>

Shields, M. M.\*, & **Selmezy, D.** (2022). Get a Hint: An Investigation of the Development of Help-Seeking Behaviors During Long Term Learning. <https://osf.io/3d9tx/>

Anquillare, E.\*, & **Selmezy, D.** (2022). Feedback, Metacognition, and Value-Based Remembering. <https://doi.org/10.17605/OSF.IO/586ZK>

Shields, M. M.\*, & **Selmezy, D.** (2021). Remote Research with Children Materials. <https://osf.io/wahky/>

McGinnis, M.,\* & **Selmezy, D.** (2021). Remote adaptation of Hearts and Flowers Task. <https://app.gorilla.sc/openmaterials/243433>

## PUBLICATIONS UNDER REVIEW

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Martinez, H\*, Hatcher, K.,\* & **Selmezy, D.**, (2026). How Young Minds Learn What's Valuable: The Emergence of Value-Based Memory in Preschoolers. (under review).

## PUBLICATIONS IN PREPARATION

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Sisneros, A\*, Cohen-Shikora, E., Rudd, K., & **Selmezy, D.**, (2026). An Investigation of Academic Help-Seeking Behaviors. (in preparation).

## PRESENTATIONS

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\*Denotes Mentored Students

### Chaired Symposium

**Selmezy, D.**, & Fandakova, Y. Scaffolding the Development of Successful Learning Across Early and

Middle Childhood. Society for Research in Child Development. (March, 2023). Salt Lake City, UT.

**Selmeczy, D., & Roebbers, C.** Psychology meets education: How children gain from self-regulated learning. Society for Research in Child Development. (March, 2019). Baltimore, MD.

### Talks

**Selmeczy, D., Hatcher, K.,\* Martinez, H.,\* Earning Stickers! The Emergence of Value-Based Memory in Preschoolers.** Future of Cognitive Control Presented by Women+ in Cognitive Control. (November, 2025). Denver, CO

Sisneros, A.,\*Cohen-Shikora, E., Rudd, K., **Selmeczy, D.,** Where Do Students Turn For Academic Help? Not Their Teachers!: An Examination of Help-Seeking Behaviors in College-Aged Adults. Rocky Mountain Research Association. (April, 2025). Denver, CO.

McLane, E.,\* & **Selmeczy, D.,** Children's Value-based Memory Development: The Role of Metamemory and Self-regulated Learning Strategies. Rocky Mountain Research Association (April, 2025). Denver, CO.

**Selmeczy, D.,** The Development of Adaptive Help-Seeking in Children. University of Colorado, Colorado Springs CRCW Award Winners Series. (May, 2023). Colorado Springs, CO

Shields, M.M.\*, **Selmeczy D.,** The Benefits of Active Help-Seeking During Learning: The Role of Metacognitive Development. Society for Research in Child Development. (March, 2023). Salt Lake City, UT.

**Selmeczy D.,** The Benefits of Seeking Help During Memory Decisions: A Developmental Perspective. Washington University in St. Louis Brain, Behavior, Cognition Seminar Series. (February 9, 2022). Virtual Presentation.

**Selmeczy, D.,** The Development of Memory and Decision-Making. University of Colorado, Colorado Springs FMAC New Faculty Research Series. (February, 2021). Virtual Meeting.

**Selmeczy, D.,** How certain am I?: How Metamemory Guides Children's Decision-Making. University of Denver, Neuroscience Research Group (NRG) Seminar Series Invited Speaker. (October, 2020). Virtual Presentation.

**Selmeczy, D.,** The Development of Metamemory and Decision-making. CSU-Pueblo, Chapter of Psi-Chi Invited Speaker. (March, 2020, cancelled due to COVID-19). Pueblo, CO.

**Selmeczy, D., Kazemi, A., & Ghetti.** "Should I ask for help?": How children weigh their confidence and available evidence. Cognitive Development Society. (October, 2019). Louisville, KY.

**Selmeczy, D., Kazemi, A., & Ghetti.** "Should I use your hint?" How children integrate hints into their memory decisions. Society for Research in Child Development. (March, 2019). Baltimore, MD.

**Selmeczy, D.,**"How certain am I?": How memory introspections guide children's decision-making.

Southern Illinois University Colloquium. (December, 2018). Carbondale, IL.

**Selmeczy, D.,** A developmental perspective on memory and decision-making: The role of metacognition. American University Colloquium. (January, 2018). Washington, D.C.

Fandakova, Y., **Selmeczy, D.,** Bunge, S. A., & Ghetti, S., Cortical development and metacognitive monitoring in the transition to adolescence. Society for Research and Child Development Biennial Meeting. (April, 2017). Austin, TX

**Selmeczy, D.,** & Ghetti, S., The development of memory and decision-making. International Conference of Memory. (July, 2016). Budapest, Hungary

**Selmeczy, D.,** Ignoring external cues in recognition memory. Washington University in St. Louis Brain, Behavior, Cognition Seminar Series. (October, 2012). St. Louis, MO

#### Panels

**Selmeczy, D.,** Teaching at Non-R1 institutions, Invited Panel Member. Washington University in St. Louis. (May, 2021). Virtual Meeting.

**Selmeczy, D.,** Developmental Science at Non-R1 Institutions: Collaborative Strategies for Success. Roundtable Facilitator. Cognitive Developmental Society. (March, 2024). Pasadena, CA.

#### National Poster Presentations

Calabro, G.,\* **Selmeczy D.,** Is it worth it? Understanding children's value-based learning strategies during early and middle-childhood. Cognitive Development Society. (April, 2024). Pasadena, CA

Martinez, H.,\* Hatcher, K.,\* McLane E.,\* **Selmeczy, D.,** Remembering What Matters: The Emergence of Value-Directed Remembering in Preschool-Aged Children. Rocky Mountain Psychological Association (April, 2024). Denver, CO.

McLane E.,\* **Selmeczy, D.,** The Testing Effect in Children: An Examination of Hints and Confidence During Children's Retrieval of Science Facts. Rocky Mountain Psychological Association (April, 2024). Denver, CO.

Sisneros, A.,\* Cohen-Shikora, E., Rudd, K., **Selmeczy, D.,** An Investigation of Academic Help-Seeking Behaviors in College-Aged Adults. Rocky Mountain Psychological Association (April 12, 2024). Denver, CO.

Calabro, G.,\* Shields M. M.,\* & **Selmeczy, D.,** Comparing Children's Help-Seeking Intentions and Help-Seeking Behaviors During Learning. Society for Research in Child Development Biennial Meeting (March, 2023). Salt Lake City, UT.

Shields, M.M.,\* **Selmeczy D.,** Get a Hint: An Investigation of the Development of Help-Seeking Behaviors During Learning. Cognitive Development Society, Madison, WI. (April 22, 2022).

- Shields, M.M.,\* Anquillaire, E.,\* **Selmeczy D.**, How Helpful is a Hint?: The Role of Hints in Children's Retrieval Based Learning. Rocky Mountain Psychological Association. Salt Lake City, UT. (April, 2022).
- Shields, M. M\*., McGinnis, M. N.\*, & **Selmeczy, D.** The role of feedback on value-directed remembering. Psychonomics. (November, 2021). Virtual Conference.
- Selmeczy, D.**, Ghetti, S., Zheng, L., Porter, T., & Trzesniewski, K. Seeking help and seeking challenge: The development of learning strategies during childhood and adolescence. Society for Research in Child Development. (March, 2019). Baltimore, MD
- Leckey, S., **Selmeczy, D.**, Johnson, E., Kazemi, A., Hembacher, E., & Ghetti, S., Toddlers' Uncertainty in a Perceptual Decision Task: Insight From Drift Diffusion Modeling. Society for Research in Child Development. (March, 2019). Baltimore, MD
- Selmeczy, D.**, Hembacher, E., Johal, S. & Ghetti, S., "Treasure This, Trash That": How subjective recollection guides memory decisions. Psychonomics. (November, 2017). Vancouver, BC, Canada
- Selmeczy, D.**, Hembacher, E. & Ghetti, S., How subjective experience guides children's memory decisions beyond memory accuracy. Cognitive Development Society. (October, 2017). Portland, OR
- Selmeczy, D.**, & Ghetti, S., The development of recognition decision biases. Psychonomics. (November, 2016). Boston, MA
- Cha, J., **Selmeczy, D.**, & Dobbins, I.G., Ignoring environmental influences during recognition memory judgment. Cognitive Neuroscience Society. (March, 2015). San Francisco, CA
- Selmeczy, D.**, & Dobbins, I.G., The unintentional influence of external cues during recognition. Psychonomics. (November, 2014). Long Beach, CA
- Cohen-Shikora, E.R., **Selmeczy, D.**, & Bugg, J.M., Isolating the role of expectations in modulations of Stroop interference. (November, 2014). Long Beach, CA
- Konkel, A., **Selmeczy, D.**, & Dobbins, I.G., The effect of age on incorporating external information with memory. Psychonomics. (November, 2013). Toronto, Ontario, Canada
- Selmeczy, D.**, & Dobbins, I.G., Controlled and uncontrolled cue influence during recognition memory. Association for Psychological Science. (May, 2013). Washington, D.C.
- Selmeczy, D.**, & Dobbins, I.G., A simple linguistics analysis of justifications of recognition reports. Psychonomics. (November, 2011). Seattle, WA
- Selmeczy, D.**, & Dobbins, I.G., Taking memory advice: Incorporating external cues into recognition judgments. Midwestern Psychological Association. (May, 2011). Chicago, IL

Wang, J.M., Koldewyn, L., Hessel, D., **Selmeczy, D.**, Fragile X Mental Retardation-1 Gene mRNA as a predictor for amygdala volume in Fragile X Premutation men. Cognitive Neuroscience Conference. (March, 2008). San Francisco, CA

#### Regional Mentored Student Poster Presentations

Moncalieri, B.,\* Collinsworth, T.\*, **Selmeczy, D.**, The Reactivity Effect of Metacognitive Judgments in Childhood. UCCS Mountain Lion Research Day. (2025, December). Colorado Springs, CO

Karnik, M. N.,\* Jimenez, M.,\* Pollock, C. K.\*, **Selmeczy, D.** (2025, December). The Development of Metamemory Ratings and Justifications during Middle Childhood. UCCS Mountain Lion Research Day. (2025, December). Colorado Springs, CO

Sisneros, A.,\* Bice, C. A.,\* **Selmeczy, D.**, The Development of Metacognition and Learning Strategies in Children With and Without ADHD. UCCS Mountain Lion Research Day. (2025, December). Colorado Springs, CO

McLane E.,\* **Selmeczy, D.** Choosing Help Leads to Better Help: The role of active learning in help-seeking during a memory integration task. Colorado Springs Undergraduate Research Forum, (April, 2024). Colorado Springs, CO

Shamess, M.,\* Martinez, H.,\* **Selmeczy, D.**, Preschoolers' Early Utilization of Value-Based Selectivity: Considering Factors of Feedback and Age. Colorado Springs Undergraduate Research Forum, (April, 2024). Colorado Springs, CO

McLane E.,\* **Selmeczy, D.** Investigating Help-seeking as an Active Learning Strategy in Memory Integration. UCCS Mountain Lion Research Days (December, 2023). Colorado Springs, CO

Shamess, M.,\* Martinez, H.,\* **Selmeczy, D.**, The Role of Feedback in the Development of Value-Based Remembering. UCCS Mountain Lion Research Days (December, 2023). Colorado Springs, CO

Hatcher, K.,\* Martinez, H.,\* **Selmeczy, D.**, The Development of Preschoolers Value-Based Remembering: An Examination of Encoding Behavior and Eye-movements. UCCS Mountain Lion Research Days (December, 2023). Colorado Springs, CO

Jeunelot, N.,\* Martinez, H.,\* & **Selmeczy, D.**, Early Development of Value-Based Remembering. Undergraduate Research Forum (April 22, 2023). Colorado Springs, CO

Calabro, G.,\* McLane, E.,\* & **Selmeczy, D.**, Active control effects on children's learning strategies of value-based information. Undergraduate Research Forum (April 22, 2023). Colorado Springs, CO

Calabro, G.,\* McLane, E.,\* & **Selmeczy, D.**, Investigating How Active Involvement Aids in Children's Ability to Engage in Value-Based Learning. UCCS Mountain Lion Research Days. (December, 2022). Colorado Springs, CO

Jeunelot, N.,\* Martinez, H.,\* & **Selmeczy, D.**, Early Development of Value-Based Remembering. UCCS Mountain Lion Research Days. (December, 2022). Colorado Springs, CO



- Silkey, A.,\* Shields, M.,\* **Selmeczy D.**, Objective and Subjective Help Seeking Behaviors in Children. Colorado Springs Undergraduate Research Forum, (April, 2022). Colorado Springs, CO
- Calabro, G.,\* **Selmeczy D.**, The Effect of Value on Children's Learning Strategies. Colorado Springs Undergraduate Research Forum, (April, 2022). Colorado Springs, CO
- Dieckmann, C.,\* Shields, M.\* & **Selmeczy, D.**, Development of children's help-seeking behaviors during learning. UCCS Mountain Lion Research Days. (December, 2021). Colorado Springs, CO
- McGinnis, M.\* & **Selmeczy, D.**, The effects of feedback on value-based learning. CSURF Undergraduate Research Forum. (April, 2021). Colorado Springs, CO
- Davila, J., Varallo, A.,\* **Selmeczy, D.**, & Ghetti, S., Asking for help: The influence of hints on children's memory decisions. University of California, Davis, Undergraduate Research Symposium. (April, 2019). Davis, Ca
- Loomis, M.,\* **Selmeczy, D.**, & Ghetti, S., The role of socioeconomic status and childhood stress on memory and hippocampal development. University of California, Undergraduate Research Symposium. (April, 2019). Davis, Ca
- Loomis, M.,\* **Selmeczy, D.**, & Ghetti, S., Developmental differences in asking for help and the role of metamemory. University of California, ASPIRE Symposium. (June, 2018). Davis, Ca
- Johal, S.,\* **Selmeczy, D.**, & Ghetti, S., "Treasure or Trash?": The role of subjective evaluations in memory decisions. University of California, Undergraduate Research Symposium. (April, 2018). Davis, Ca
- Jani, K.,\* **Selmeczy, D.**, & Ghetti, S., Metamemory development: How well children integrate helpful hints into their decision-making. University of California, Undergraduate Research Symposium. (April, 2018). Davis, Ca
- Rader, B.,\* **Selmeczy, D.**, & Dobbins, I.G., Ignoring external information during recognition memory judgments. Washington University in St. Louis Mind, Brain, and Behavior Research Symposium. (May, 2012). St. Louis, MO

## MEDIA AND COMMUNITY CONTRIBUTIONS

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**Selmeczy, D.** & James, L., How do we know what we know? The study of memory and metamemory from childhood to older adulthood. Cool Science: Science on Tap Series. (November, 2025)

*Diana Selmeczy, PhD: Division volunteer.* American Psychological Association Division Leader Resources. Retrieved from <https://www.apa.org/about/division/digest/leader-resources/diana-selmeczy> (June 30, 2025)

2024 State of the Campus: Building the UCCS of the Future. Retrieved from <https://www.youtube.com/live/vy16i-07QzI?si=WcngYyA7jUuXkgw9&t=2858> (September 27, 2024)

*Cognitive development lab makes debut at UCCS Cool Science Festival. The Gazette.* Retrieved from [https://gazette.com/news/cognitive-development-lab-makes-debut-at-uccs-cool-science-festival/article\\_4c9ea6a2-ed25-11e9-b1bc-63cb769f7332.html](https://gazette.com/news/cognitive-development-lab-makes-debut-at-uccs-cool-science-festival/article_4c9ea6a2-ed25-11e9-b1bc-63cb769f7332.html) (October 12, 2019)

## GRANTS AND SCHOLARSHIP

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### *Funded Grants*

|                                                                                                                                                                                                                           |           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| UCCS Committee on Research and Creative Works (CRCW) Grant<br><i>The development of adaptive help-seeking in children.</i><br>Role: Selmeczy, D (PI) Amount: \$7497                                                       | 2021-2022 |
| Ruth L. Kirschstein National Research Service Award (NRSA)<br>NICHD: <i>Developmental Investigation of Adaptive Memory Biases.</i><br>1F32HD084313-01A1.<br>Role: Selmeczy, D (PI), Ghetti, S (Sponsor) Amount: \$160,000 | 2015-2018 |

### *Funded Awards*

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|--------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| UCCS LAS Dean's Scholar Award (\$5500)<br>Role: Selmeczy (PI), funding for pilot research                                                        | 2025       |
| UCCS Undergraduate Research Academy Faculty Mentor (\$3997)<br>Student: Helen Carson                                                             | 2024       |
| UCCS Undergraduate Research Academy Faculty Mentor (\$3823)<br>Student: Ellie McClane                                                            | 2023       |
| UCCS Undergraduate Research Academy Faculty Mentor (\$3490)<br>Student: Grai Calabro                                                             | 2022       |
| UCCS Undergraduate Research Academy Faculty Mentor (\$3455)<br>Student: Morgan McGinnis                                                          | 2020       |
| Society for Research in Child Development Early Career Travel Award (\$500)                                                                      | 2019       |
| UC Davis Postdoctoral Scholar Association Travel Award (\$400)                                                                                   | 2019       |
| Washington University Dissertation Fellowship (\$19,000)                                                                                         | 2014       |
| Washington University Dissertation Travel Award (\$1,000)                                                                                        | 2014       |
| Fellowship from NSF Integrative Graduate Education and Research Training:<br>Cognitive, Computational, and Systems Neuroscience Award (\$60,000) | 2010-2012  |
| Washington University Travel Award (\$400 each)                                                                                                  | 2011, 2013 |

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|---------------------------------------------|-----------|
| Washington University Fellowship (\$19,000) | 2009-2010 |
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*Unfunded Grants*

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|-----------------------------------|----------|
| National Science Foundation (NSF) | Aug 2025 |
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*Predicting Children's Memory Accuracy using Confidence versus Natural Language*

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|--------------------------------------------|-------------------|
| Role: Selmeczy, D (PI), Dobbins, I (Co-PI) | Amount: \$612,776 |
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| Jacobs Foundation Research Fellowship (invited extended application) | 2025 |
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| Role: Selmeczy, D (PI) | Amount: 150,000 CHF |
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| National Science Foundation (NSF) | Jan 2024/Aug 2024 |
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*The Utility of Confidence Ratings versus Natural Language in Predicting Eyewitness Memory Accuracy in Children*

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| Role: Selmeczy, D (PI), Dobbins, I (Co-PI) | Amount: \$573,227 |
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| National Science Foundation (NSF) | 2023 |
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*Children's Help-Seeking and Science Knowledge Integration Across Learning Episodes*

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| Role: Selmeczy, D (PI), Ghetti, S (Co-PI) | Amount: \$519,099 |
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| Spencer Foundation | 2022 |
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*Supporting Help-Seeking during Remote Learning in Elementary and Middle-School Children*

|          |                  |
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| Role: PI | Amount: \$48,774 |
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| National Science Foundation (NSF) | 2021/2022 |
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*The benefits of help-seeking for learning and academic achievement in children*

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| Role: Selmeczy, D (PI), Ghetti, S (Co-PI) | Amount: \$465,608 |
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| Department of Defense (MINERVA) | 2019 |
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*Metamodel Analysis Database and Psychoanalytical Artificial Intelligence Nexus*

|                                               |                     |
|-----------------------------------------------|---------------------|
| Role: Lewis, R. A. (PI), Selmeczy, D. (Co-PI) | Amount: \$1,271,826 |
|-----------------------------------------------|---------------------|

## COURSES AND MENTORING

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### Instructor

|                                           |              |
|-------------------------------------------|--------------|
| Seminar in Developmental Psychology, UCCS | 2020-current |
|-------------------------------------------|--------------|

|                                |              |
|--------------------------------|--------------|
| Developmental Psychology, UCCS | 2019-current |
|--------------------------------|--------------|

|                                                    |              |
|----------------------------------------------------|--------------|
| Graduate Seminar in Developmental Psychology, UCCS | 2024-current |
|----------------------------------------------------|--------------|

|                                       |              |
|---------------------------------------|--------------|
| Consciousness and Cognition, UC Davis | Spring, 2019 |
|---------------------------------------|--------------|

|                                          |            |
|------------------------------------------|------------|
| Research Methods in Psychology, UC Davis | Fall, 2018 |
|------------------------------------------|------------|

|                                                                          |            |
|--------------------------------------------------------------------------|------------|
| Introduction to Psychology Seminar (2 Sections, co-instructor), Wash. U. | Fall, 2014 |
|--------------------------------------------------------------------------|------------|

|                                                |             |
|------------------------------------------------|-------------|
| Introductory Psychological Statistics, Wash U. | Summer 2013 |
|------------------------------------------------|-------------|

*Updated: May 2026*

### Chaired Committees

|                                      |                  |
|--------------------------------------|------------------|
| Minoti Karnik, Master's Thesis       | Anticipated 2027 |
| Brittany Moncalieri, Master's Thesis | Anticipated 2027 |
| Abigail Sisneros, Master's Thesis    | 2026             |
| Heidi Martinez, Master's Thesis      | 2024             |
| Ellie McClane, Honors Thesis         | 2024             |
| Miriam Shamess, Honors Thesis        | 2024             |
| Grai Calabro, Honors Thesis          | 2023             |
| Nadia Jeunelot, Honors Thesis        | 2023             |
| Michelle Shields, Master's Thesis    | 2022             |
| Morgan McGinnis, Honors Thesis       | 2021             |

### Programs

|                                                                                                                                                                                                                                               |           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Co-Director, Accelerating Success by Providing Intensive Research Experience (ASPIRE) Undergraduate Program, University of California, Davis<br><a href="http://socialscience.ucdavis.edu/aspire">http://socialscience.ucdavis.edu/aspire</a> | 2016-2018 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|

## PROFESSIONAL ORGANIZATIONS

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Psychonomic Society, Association for Psychological Science, Cognitive Development Society, Society for Research in Child Development, Women in Cognitive Science

## SERVICE

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### Field Service

Ad-Hoc Reviewer:

*Child Development; Cognition; Cognitive Development; Developmental Psychology; Developmental Science; Mind, Brain, and Education; Journal of Experimental Child Psychology; Journal of Experimental Psychology: LMC; Memory; Memory and Cognition; Metacognition and Learning; Psychology Bulletin & Review; The Latin American Journal of Psychology*

|                           |              |
|---------------------------|--------------|
| NSF Review Panel Member   | 2020         |
| APA Div 3 Member at Large | 2025-current |
| APA Div 3 Council Member  | 2026-2029    |

### University Service

|                                                                                                                                  |              |
|----------------------------------------------------------------------------------------------------------------------------------|--------------|
| Faculty Equity and Inclusion Committee Member                                                                                    | 2022-current |
| Psychology Graduate Education Committee Member                                                                                   | 2022-current |
| Psychology Diversity Committee Member                                                                                            | 2020-current |
| Head of Communications Subcommittee<br><a href="https://psychology.uccs.edu/diversity">https://psychology.uccs.edu/diversity</a> |              |
| Psychology Undergraduate Education Committee Member                                                                              | 2020-current |