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# CHRISTINE E. GARVER-APGAR

CURRICULUM VITAE: January 2022

Assistant Professor, Department of Psychiatry  
Director of Research and Evaluation, Behavioral Health & Wellness Program  
University of Colorado, Anschutz Medical Campus

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## SUMMARY

Research psychologist with expertise in both basic psychological science and applied community-based research and evaluation. I work across multiple states to oversee strategic development of sustainable research and program evaluation initiatives. In my work as a behavioral scientist, I apply principles of evolutionary medicine, psychology, and psychiatry to the study of individual differences in human health and development. In particular, I am interested in how developmental trajectories in response to early childhood adversity differ across individuals. I also direct community-based research and evaluation projects with the goal of implementing, testing, and evaluating innovative and evidence-based strategies to support healthy behavior change. Projects are implemented both locally and nationally within organizations and agencies serving vulnerable populations. Areas of focus include tobacco cessation, chronic disease prevention, vaccine acceptance, health disparities, and family interventions.

## EDUCATION AND TRAINING

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**1996 – 2000**

**University of Texas at Austin**

B.A. in Psychology, University of Texas at Austin, Spring 2000

**2000 – 2008**

**University of New Mexico**

M.S. in Psychology, University of New Mexico, Spring 2003

*Thesis: Women's perceptions of men's sexual coerciveness change across the menstrual cycle*

Ph.D. in Evolutionary Psychology, University of New Mexico, August 2008.

*Dissertation: Implications of intralocus, sexually antagonistic selection for human attraction and mate choice*

Advisor: Steven W. Gangestad

Minor Area: Quantitative Methods

**2008 – 2011**

**University of Colorado, Boulder**

Postdoctoral Fellowship at the Institute for Behavioral Genetics

*Genetic architecture and conflicts of fitness-related traits*

Mentor: Matthew Keller

## ACADEMIC APPOINTMENTS

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**2012 – Present**

**University of Colorado, Anschutz Medical Campus**

Senior Statistician, Project Safe, Department of Psychiatry  
2012 – 2014

Research Associate, Behavioral Health & Wellness Program, Department of Psychiatry  
2014 – 2017

**Research and Evaluation Director, Behavioral Health & Wellness Program, Department of Psychiatry**  
**2017 – Present**

**Assistant Professor, Department of Psychiatry**  
**2018 – Present**

**Director, Clinical Research Support Core, Psychiatry Research Innovations, Department of Psychiatry**  
**2020 – Present**

## RESEARCH INTERESTS

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Developmental Psychology: Effects of early childhood adversity on physical and neuropsychological development

Stress and Resilience: Understanding how developmental trajectories in response to early adversity differ across individuals (including sex-specific effects)

Behavioral Endocrinology: How reproductive hormones influence cognition, social dynamics, and behavior

Evolution and Behavior: Contributions of evolutionary theory to the study of human health and development, behavior and cognition, and mental illness and psychiatric disorders

Behavioral Genetics: Heritabilities and genetic correlations among health-related traits; biometrical genetics; twin studies

Behavioral Medicine: Strategies for effecting healthy behavior change; obesity and weight management; nutrition; tobacco cessation; vaccine acceptance

## PROFESSIONAL MEMBERSHIPS

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2002 – 2004

Association for Psychological Science

2015 – Present

Developmental Psychobiology Research Group

2000 – 2008

Human Behavior and Evolution Society

2021 - Present

International Society for Developmental Psychobiology

2018 - Present

International Society for Evolution, Medicine, and Public Health

2016 - Present

Society for Research on Nicotine and Tobacco

## PROFESSIONAL SERVICE AND COMMITTEES

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### University of Colorado, Department of Psychiatry

2019 Psychiatry Research Innovations (PRI) Committee  
2019 – Present Manager, Department of Psychiatry Small Grant Program  
2020 Facilitator, Focus Groups with senior departmental faculty/administrators on pandemic-related transition to telework

### Division, Behavioral Health and Wellness Program

2018 – 2019 Journal Club  
2019 Website redesign workgroup  
2019 – Present Chair, Database redesign workgroup

### Developmental Psychobiology Research Group

2019 Spring Retreat Planning Committee

## CONSULTING

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2008 – 2013 Social Fabric Corporation

## PATENTS/INVENTION DISCLOSURES

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Tuck, E. F., Haselton, M. G., **Garver-Apgar, C. E.** (2012). Personal Radio Location System. (Pub. No.: US 2012/0013462 A1)

## AD HOC REVIEWER

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### Journals

Annales Zoologici Fennici  
British Medical Journal Open  
Current Directions in Psychological Science  
Evolutionary Behavioral Science  
Evolution and Human Behavior  
Frontiers in Behavioral Neuroscience  
Health Promotion Practice  
Human Nature  
International Journal of Preventative Medicine  
Journal of Correctional Healthcare  
Journal of Evolutionary Psychology  
Proceedings of the Royal Society of London, Series B  
Social Psychological and Personality Science

### Granting Agencies

National Science Foundation

## PROFESSIONAL DEVELOPMENT AND ACCREDITATIONS

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2010	International Statistical Genetics Methods for Human Complex Traits (40-hour workshop)
2013	ICPSR Multilevel Models For Longitudinal Data (40-hour course)
2018 – 2019	School of Medicine Women's Leadership Training (30-hour program)
2018 – Present	NCTTP; National Certificate in Tobacco Treatment Practice from NAADAC (Association for Addiction Professionals)

## PEER-REVIEWED PUBLICATIONS

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1. Gangestad, S. W., Thornhill, R., & **Garver, C. E.** (2002). Changes in women's sexual interests and their partner's mate retention tactics across the menstrual cycle: Evidence for shifting conflicts of interest. *Proceedings of the Royal Society of London Series B*, 269, 975-982.
2. Gangestad, S. W., Simpson, J. A., Cousins, A. J., **Garver-Apgar, C. E.**, & Christensen, P. N. (2004). Women's preferences for male behavioral displays change across the menstrual cycle. *Psychological Science*, 15, 203-207.
3. Gangestad, S. W., Thornhill, R., & **Garver-Apgar, C. E.** (2005). Female sexual interests across the ovulatory cycle depend on primary partner developmental instability. *Proceedings of the Royal Society of London Series B*, 272, 2023-2027.
4. Gangestad, S. W., Thornhill, R., & **Garver-Apgar, C. E.** (2005). Adaptations to ovulation: Implications for sexual and social behavior. *Current Directions in Psychological Science*, 14, 312-316. (Invited manuscript)
5. **Garver-Apgar, C. E.**, Gangestad, S. W., Thornhill, R. Miller, R. D., & Olp, J. J. (2006). MHC Alleles, Sexual Responsivity, and Unfaithfulness in Romantic Couples. *Psychological Science*, 17, 830-835.
6. Gangestad, S. W., **Garver-Apgar, C. E.**, Simpson, J. A., & Cousins, A. J. (2007). Changes in women's mate preferences across the ovulatory cycle. *Journal of Personality and Social Psychology*, 92, 151-163.
7. **Garver-Apgar, C. E.**, Gangestad, S. W., & Simpson, J. A. (2007). Women's perceptions of men's sexual coerciveness change across the menstrual cycle. *Acta Psychologica Sinica*, 39, 536-540. (Invited manuscript for special issue on Evolutionary Psychology)
8. **Garver-Apgar, C. E.**, Gangestad, S. W., & Thornhill, R. (2008). Hormonal correlates of women's mid-cycle preference for the scent of symmetry. *Evolution and Human Behavior*, 29, 223-232.
9. Gangestad, S. W., Thornhill, R., & **Garver-Apgar, C. E.** (2010). Fertility in the cycle predicts women's interest in attractive bodily features and sexual opportunism. *Evolution and Human Behavior*, 31, 400-411.
10. Gangestad, S. W., Thornhill, R., & **Garver-Apgar, C. E.** (2010). Men's facial masculinity predicts changes in their female partner's sexual interests across the ovulatory cycle, whereas men's intelligence does not. *Evolution and Human Behavior*, 31, 412-424.
11. **Garver-Apgar, C. E.**, Eaton, M. A., Tybur, J. M., & Emery Thompson, M. (2011). Intralocus sexual conflict: Physically and hormonally masculine individuals have more attractive brothers relative to sisters. *Evolution and Human Behavior*, 32, 423-432.
12. Grebe, N. M., Gangestad, S. W., **Garver-Apgar, C. E.**, & Thornhill, R. (2013). Women's Luteal-Phase Sexual Proceptivity and the Functions of Extended Sexuality. *Psychological Science*, 24, 2106-2110.

13. Keller M. C., **Garver-Apgar C.E.**, Wright, M. J., Martin, N. G., Corley, R. P., Stallings, M. C., Hewitt, J. K., Zietsch, B. P. (2013). The genetic correlation between height and IQ: Shared genes or assortative mating? *PLOS Genetics*, 9, Article Number: e1003451.
14. Mitchem, D. G., Purkey A, M., Grebe, N. M., Carey G., **Garver-Apgar, C. E.**, Bates, T., Arden, R., Hewitt, J, K, Medland, S. E., Martin, N. G., Zietsch, B. P., Keller, M. C. (2014). Estimating the sex-specific effects of genes on facial attractiveness and sexual dimorphism. *Behavior Genetics*, 44, 270-281.
15. Corsi, K. F., Dvoryak, S., **Garver-Apgar, C. E.**, Davis, J., Brewster, J. T., Lisovska, O., & Booth, R. E. (2014). Gender differences between predictors of HIV status among PWID in Ukraine. *Drug and Alcohol Dependence*, 138, 103-108.
16. Gangestad, S. W., **Garver-Apgar, C. E.**, Cousins, A. J., Thornhill, R. (2014). Intersexual conflict across women's ovulatory cycle. *Evolution and Human Behavior*, 35, 302-308.
17. **Garver-Apgar, C. E.**, Young, S., Howard, B., Udochi, B., & Morris, C. (2017). Effects of a statewide tobacco cessation program among individuals involved with Arkansas Community Correction. *Journal of Correctional Healthcare*, 23, 259-270.
18. Richey, R.\*, **Garver-Apgar, C. E.**, Martin, L., Morris, C., & Morris, C. (2017). Tobacco free policy outcomes for an inpatient substance abuse treatment agency. *Health Promotion Practice*.
19. Morris, C. D. & **Garver-Apgar, C. E.** (2020). Nicotine and Opioids: A call for co-treatment as the standard of care. *Journal of Behavioral Health Services & Research*, 47, 601-613.
20. **Garver-Apgar, C. E.**, Morris, C. D., Pavlik, J.\*, Lenartz, T., & Hamm, M. (under review). Peer-facilitated tobacco cessation groups were effective in a prison pre-release program. *Nicotine and Tobacco Research*.

## BOOK CHAPTERS

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1. Scheyd, G. J., **Garver-Apgar, C. E.**, & Gangestad, S. W. (2008). Physical attractiveness: Signals of phenotypic quality and beyond. In: C. B. Crawford & D. L. Krebs (Eds.), *Foundations of evolutionary psychology*. Mahwah, NJ: Lawrence Erlbaum
2. Gangestad, S. W. & **Garver-Apgar, C. E.** (2012). The nature of female sexuality: Insights into the dynamics of romantic relationships. Invited chapter in J. A. Simpson & Campbell (Eds.), *Oxford Handbook of Close Relationships*. New York: Oxford University Press.
3. Gangestad, S. W., Thornhill, R., & **Garver-Apgar, C. E.** (2015). Women's sexual interests across the ovulatory cycle: Function and phylogeny. In D. M. Buss (Ed.), *Handbook of Evolutionary Psychology, 2<sup>nd</sup> Edition*. New York: John Wiley and Sons.

## SCHOLARLY PUBLICATIONS AND PRODUCTS

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1. Morris, C. W., **Garver-Apgar, C. E.**, Mumby, S. J., Kayser, A. M., & Morris, C. D. (2015). *DIMENSIONS: Well-Body Toolkit for Healthcare Providers, Priority Populations: Pregnant and Postpartum*.
2. Morris, C. W., Pavlik, J. L., Mumby S. J., Garret, K. M., Kayser, A. M., Phahl, J. E., **Garver-Apgar, C. E.**, Morris, C. D. (2015). *Rocky Mountain Tobacco Treatment Specialist Certification (RMTTS-C) Program, Trainer Manual*.

3. Morris, C. W., **Garver-Apgar, C. E.**, Garrett, K. M., Kayser, A. M., Mancuso, M. P., Mueller, N. M., Noland, D. H., Pavlik, J. L., Young, S. E., Morris, C. D. (2017). *DIMENSIONS: Well-Body Program Advanced Techniques, Trainer Manual*.
4. Nguyen, K., Anderson, M., & **Garver-Apgar C.** (2018). *Healthy You, Healthy Baby: Hospital Maternity Unit Tobacco Cessation Intervention Playbook*.
5. Noland, D. H., Kayser, A. M., **Garver-Apgar, C. E.**, & Morris, C. D. (2018). *The Collective Impact for High Public Service Utilizers Project*.
6. **Garver-Apgar, C. E.**, Pavlik, J\*. & Morris, C. (2018). *Recovery Support Services: Summary Report and Playbook*.
7. Pavlik, J. L.\*, Kayser, A. M\*. & **Garver-Apgar, C. E.** (2019). *Summary of Findings from Organizational Self-Assessment and Staff Attitudes, Knowledge, and Behavior Survey (2018)*.
8. **Garver-Apgar, C. E.**, Morris, C. W., Garrett, K. M., Noland, D. H., Hansen, A. L., Kayser, A. M., & Morris, C. D. (2019). *RAISE Families for Health, Trainer Manual*.
9. Morris, C. W., Garrett, K. M, **Garver-Apgar, C. E.**, Hansen, A. L., Kayser, A. M., Noland, D. H., & Morris, C. D. (2019). *RAISE Families for Health, Group Facilitator Manual*.
10. Morris, C. D., Pavlik, J. L., & **Garver-Apgar, C. E.** (2020). *Criminal Justice Tobacco Cessation Equity Project: A Community of Practice*.
11. Noland, D. \*, **Garver-Apgar, C. E.**, Kayser, A., Morris, C. D. (2020). *National Jewish Health Project: Rural Quitline Evaluation*.
12. Lenartz, T., Hamm, M., & **Garver-Apgar, C. E.** (2020). *Justice-Involved Tobacco Cessation: Evaluation*.

#### INVITED SCIENTIFIC TALKS AND LECTURES

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1. **Garver-Apgar, C. E.**, Gangestad, S. W., Thornhill, R., Miller, R. D., & Olp J. J. (2007, January). *Sexual attraction and MHC: Implications for romantic relationships*. Society for Personality and Social Psychology; Evolutionary Psychology Pre-Conference, Memphis, TN.
2. **Garver-Apgar, C.E.**, Gangestad, S. W., Thornhill, R., Miller, R. D., & Olp J. J. (2007, March). *MHC similarity, sexual attraction, and fertility: Implications for romantic couples*. Evolutionary Medicine Conference, Albuquerque, NM.
3. **Garver-Apgar, C. E.** (2010, October). *Genetic conflicts of interest between the sexes: Evidence and implications for romantic partner preferences and relationship dynamics*. Evolutionary Psychology Speaker Series, Knoxville, TN.
4. **Garver-Apgar, C. E.** (2010, November). *"Can't our genes just get along?" Evolutionary genetic conflicts of interest between the sexes*. Oral Presentation at the Department of Psychology Colloquium, Boulder, CO.

#### SCIENTIFIC ABSTRACTS

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1. **Garver, C.**, Gangestad, S. W., & Thornhill, R. (2001, June). *Changes in women's sexual interests and their partner's mate retention tactics across the menstrual cycle*. Scientific exhibit presented at the Human Behavior and Evolution Society Conference, London.

2. **Garver-Apgar, C. E.**, Gangestad, S. W., Simpson, J. A., Cousins, A. J., & Christensen, P. N. (2002, June). *Women's preferences for male behavioral displays change across the menstrual cycle*. Scientific exhibit presented at the American Psychological Society Conference, New Orleans, LA.
3. **Garver-Apgar, C. E.**, Gangestad, S. W., Simpson, J. A., Cousins, A. J., & Christensen, P. N. (2002, June). *Women's preferences for male behavioral displays change across the menstrual cycle*. Oral presentation at the Human Behavior and Evolution Society Conference, Rutgers, NJ.
4. Gangestad, S. W., Thornhill, R., & **Garver-Apgar, C. E.** (2003, June). *Changes in women's sexual interest across the ovulatory cycle: The moderating effects of mate's symmetry*. Oral presentation at the Human Behavior and Evolution Society Conference, Lincoln, NE.
5. **Garver-Apgar, C. E.**, Gangestad, S. W., & Simpson, J. A. (2003, June). *Sexual coercion and women's evolved counter-strategies: Enhanced sensitivity to cues of sexual coerciveness across the menstrual cycle*. Oral presentation at the Human Behavior and Evolution Society Conference, Lincoln, NE.
6. **Garver-Apgar, C. E.** Gangestad, S. W., Thornhill, R. Miller, R. D., & Olp, J. J. (2005, January). *MHC and Sexual Attraction: Implications for Romantic Relationships*. Scientific exhibit at the Society for Personality and Social Psychology; Evolutionary Psychology Pre-Conference, New Orleans, LA.
7. **Garver-Apgar, C. E.** Gangestad, S. W., Thornhill, R. Miller, R. D., & Olp, J. J. (2005, June). *Sexual Attraction and MHC: Implications for Romantic Relationships*. Oral presentation at the Human Behavior and Evolution Society Conference, Austin, TX.
8. **Garver-Apgar, C. E.** Gangestad, S. W., & Thornhill, R. (2007, June). *Intrasexual conflict experienced by women and their romantic partners as a function of women's fertility status*. Oral presentation at the Human Behavior and Evolutionary Society Conference, Williamsburg, VA.
9. **Garver-Apgar, C. E.**, Heap, M. A., Tybur, J. M., Franklin, M. (2009, May). *Intralocus sexual conflict in humans: Evidence from siblings and implications for mate choice*. Oral presentation at the Human Behavior and Evolutionary Society Conference, Fullerton, CA.
10. Gangestad, S. W., Thornhill, R., **Garver-Apgar, C. E.** (2009, May). *Men's facial masculinity, but not their intelligence, predicts changes in their female partners' sexual interests across the ovulatory cycle*. Oral presentation at the Human Behavior and Evolutionary Society Conference, Fullerton, CA.
11. Corsi, K. F., Davis, J. M., **Garver-Apgar, C. E.**, Baker, M., Booth, R. E., (2014, June). *Contingency management and case management for out-of-treatment methamphetamine users*. Scientific exhibit presented at The College on Problems of Drug Dependence Conference, San Juan, Puerto Rico.
12. Maki-Ginnani, E., Young, S., **Garver-Apgar, C.**, Morris, C. (2015, March). *Implementation of evidence-based wellness services into a residential women's treatment facility*. Scientific exhibit presented at Public Health Nurses Association of Colorado Conference, Blackhawk, CO.
13. **Garver-Apgar, C. E.**, Young, S., Howard, B., Udochi, B., Morris, C. (2016, February). *Effects of a statewide tobacco cessation program among individuals involved with Arkansas Department of Corrections*. Scientific exhibit presented at the Society for Research on Nicotine and Tobacco, Chicago, IL.
14. Morris, C., **Garver-Apgar, C.**, Young, S., Pfahl, J. (2017, March). *Statewide organizational change to implement tobacco control among mental health and addictions agencies*. Oral presentation at the National Conference on Tobacco or Health, Austin, TX.

15. Morris, C., **Garver-Apgar, C.**, Young, S. (2017, March). *Cessation & Health Systems Transformation (HST): Transforming Systems and Programs to Support Cessation in Behavioral Health Settings*. Oral presentation at the National Conference on Tobacco or Health, Austin, TX.
16. **Garver-Apgar, C. E.**, Morris, C., Young, S. (2017, March). *Effects of a statewide tobacco cessation program among individuals involved with the Arkansas Department of Corrections*. Scientific exhibit presented at the National Conference on Tobacco or Health, Austin, TX.
17. **Garver-Apgar C. E.**, Nguyen, K., Young, S., Anderson, M., Morris, C. (2017, March). *An evaluation of “Healthy You, Healthy Baby”: A tobacco cessation initiative implemented within the women’s delivery unit of Lutheran Medical Center*. Scientific exhibit presented at the National Conference on Tobacco or Health, Austin, TX.
18. **Garver-Apgar, C. E.**, Morris, C., Young, S. (2018, March). *Effects of a statewide tobacco cessation program among individuals involved with the Arkansas Department of Corrections*. Scientific exhibit presented at the University of Colorado School of Medicine, Psychiatry Department Poster Session, Aurora, CO.
19. **Garver-Apgar, C. E.**, Morris, C., Pavlik, J. Lenartz, T., Hamm, M. (2021). *Effects of peer-facilitated tobacco cessation among individuals in a pre-release program at Arizona Department of Corrections*. Scientific exhibit presented at the Society for Research on Nicotine and Tobacco Annual Conference, Virtual.
20. Martinez, L. A. \*, Henderson-Davis, V., **Garver-Apgar, C.** (2021). *Realtionships between early life experiences and health risk behaviors in adulthood*. Scientific exhibit presented at the Psychiatry Undergraduate Research Program and Learning Experience (PURPLE) Symposium, Aurora, CO.

## TEACHING COMPETENCIES

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Evolutionary Medicine, Evolutionary Psychology, Introductory Psychology, Introductory and Advanced Statistics, Research Methods, Behavioral Genetics, Biopsychology, Social Psychology, Nicotine Addiction, Tobacco Cessation

## COURSE INSTRUCTOR

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### University of Colorado, School of Medicine

**2015 – 2020** *Medical Student Work and Well-Being Course ICC 8004 (Taught two sections each year):* This brief course is taken by all 4<sup>th</sup> year medical students. It is designed to address professional issues (specifically, physician “burn-out”) faced by many medical professionals during the course of their careers.

### University of New Mexico

**2003 – 2004** *Graduate Statistics Lab (Taught two sequential, semester-long sections):* This course is taken by all incoming graduate students as part of the first year statistics sequence and is taken in conjunction with a lecture component. The purpose of the lab is to summarize and apply material learned in lecture to various data sets, work through examples of hand-calculations, and illustrate concepts learned in lecture through the use of a computer statistics application such as SPSS.

**2004** *Research Methods (Developed course curriculum and taught one summer-long section):* This course serves to introduce undergraduate psychology majors to the basic principles of research design with an emphasis placed on the ways psychologists conduct psychological research. Topics covered include: Scientific thinking, ethics, formulating a research question, measurement and sampling, validity and reliability, confounds, and various types of experimental designs.



**2006**      *Personality Psychology Lab (Taught one semester-long section):* This course is an optional addition for interested undergraduate students taken in conjunction with a lecture component. The purpose of the lab is to introduce students to published journal articles on topics in personality psychology that had major impact in the field over the last few decades. Students prepared questions and comments on a set of readings each week for an instructor-led discussion.

## **INNOVATIVE CURRICULUM**

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**2015 – Present**      **Rocky Mountain Tobacco Treatment Specialist Certification (RMTTS-C) Program (Versions 1-3)**  
Department of Psychiatry, University of Colorado Anschutz Campus  
<https://www.bhwellness.org/programs/rmtts>

**2016 – Present**      **DIMENSIONS Well Body Program**  
Department of Psychiatry, University of Colorado Anschutz Campus  
<https://www.bhwellness.org/programs/wellbody>

**2019 – Present**      **RAISE Families for Health Program**  
Department of Psychiatry, University of Colorado Anschutz Campus  
<https://www.bhwellness.org/programs/raise-families-for-health>

**2020 – Present**      **RAISE Families for Health TELEHEALTH**  
Department of Psychiatry, University of Colorado Anschutz Campus  
<https://www.bhwellness.org/programs/raise-families-for-health>

## **TEACHING, TRAINING, AND PRESENTATIONS**

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### **National**

1. *DIMENSIONS: Tobacco Pharmacotherapy and Counseling Interventions.* 1-hour statewide webinar delivered to clinical staff from substance use treatment facilities across Florida who participated in the Wellness Recovery Learning Community (2015, September)
2. *DIMENSIONS: Tobacco Pharmacotherapy.* 1-hour statewide webinar delivered to healthcare providers from primary, behavioral health, and integrated care clinics across the state of Vermont (2015, October)
3. *Tobacco Cessation Best Practices: Pharmacotherapy.* 1-hour webinar delivered to primary care providers across seven states who participated in the ‘Build a Clinic’ Learning Community (2016, April)
4. *Prescribing FDA-Approved Pharmacotherapy.* 1-hour national webinar delivered to members from State and Tribal Public Health Groups who participated in the National Behavioral Health Network for Tobacco & Cancer Control: Community Behavioral Health Organization Community of Practice (2016, July)
5. *Rocky Mountain Tobacco Treatment Specialist Certification Program (RMTTS-C.)* 4-day training for professionals working nationally in the field of tobacco cessation who wish to become certified, tobacco treatment specialists, Denver CO. (2016, October)
6. *Pharmacotherapy: Special Topics.* 1-hour panel presentation delivered to Correctional Healthcare Service providers in Phoenix, AZ. (2017, January)
7. *Tobacco Cessation during Pregnancy and Postpartum.* 1-hour statewide webinar delivered to healthcare providers from primary, behavioral health, and integrated care clinics across the state of Vermont (2017, February)

8. *Rocky Mountain Tobacco Treatment Specialist Certification Program (RMTTS-C)*. 4-day training for professionals working nationally in the field of tobacco cessation who wish to become certified, tobacco treatment specialists, Denver, CO (2017, May)
9. *Implementing MAT Services for Tobacco Cessation in Integrated Care Settings*. 1.5-hour national webinar delivered to behavioral health care providers participating in a national initiative called, “innovation communities” (2017, May)
10. *Adverse Childhood Experiences: Pathways to Negative Health Outcomes*. 1-hour statewide webinar delivered to healthcare providers from primary, behavioral health, and integrated care clinics across the state of Vermont (2017, August)
11. *Adverse Childhood Experiences: Implications for Nicotine Addiction and Tobacco Treatment*. 1-hour statewide webinar delivered to healthcare providers from primary, behavioral health, and integrated care clinics across Vermont (2017, September)
12. *Rocky Mountain Tobacco Treatment Specialist Certification Program (RMTTS-C)*. 4-day training for professionals working nationally in the field of tobacco cessation who wish to become certified, tobacco treatment specialists (2017, October)
13. *Rocky Mountain Tobacco Treatment Specialist Certification Program (RMTTS-C)*. 4-day training for professionals working nationally in the field of tobacco cessation who wish to become certified, tobacco treatment specialists (2018, May)
14. *Preparing and Supporting Clients to Maximize Effectiveness of Tobacco Cessation Medications*. 1-hour statewide webinar delivered to health providers and clinical trainers from Area Health Education Centers across the state of Florida, participating in “Tobacco Free Florida” (2019, January)
15. *Strategies to Maximize Clients’ Effective Use of FDA-Approved Pharmacotherapy*. 1-hour statewide webinar delivered to behavioral healthcare providers across the state of Oregon participating in “Oregon Tobacco Free Community of Practice” (2019, March)
16. *Rocky Mountain Tobacco Treatment Specialist Certification Program (RMTTS-C)*. 4-day training for professionals working nationally in the field of tobacco cessation who wish to become certified, tobacco treatment specialists (2019, May)
17. *Tobacco fundamentals: Prevalence, contributing factors, and treatment to reduce tobacco-related health disparities*. 1.5-hour invited presentation at the National Association of Social Workers ND Chapter Annual Conference, Mandan, ND. (2019, October).
18. *Rocky Mountain Tobacco Treatment Specialist Certification Program (RMTTS-C)*. 4-day training for professionals working nationally in the field of tobacco cessation who wish to become certified, tobacco treatment specialists (2019, October)
19. *Strategies to maximize effective use of FDA-approved medications*. 1-hour statewide webinar delivered to behavioral healthcare providers across the state of Washington participating in “Washington Tobacco Community of Practice” (2020, February)
20. *Strategies to maximize effective use of FDA-approved medications*. 1-hour statewide webinar delivered to behavioral healthcare providers across the state of Arizona participating in “Criminal Justice Tobacco Cessation Equity Project: Stage II, A Community of Practice” (2020, March)

21. *Rocky Mountain Tobacco Treatment Specialist Certification Program (RMTTS-C) Telehealth*. 4-day training for professionals working nationally in the field of tobacco cessation who wish to become certified, tobacco treatment specialists (2020, October)
22. *Criminal Justice Tobacco Cessation Equity Project: Department of Corrections Cessation Pilot Outcomes*. 1-hour statewide webinar delivered to key stakeholders and behavioral healthcare providers across the state of Arizona participating in “Criminal Justice Tobacco Cessation Equity Project” (2020, October)
23. *Strategies to maximize effective use of FDA-approved medications*. 1-hour statewide webinar delivered to behavioral healthcare providers across the state of California participating in “LA Tobacco Community of Practice” (2021, March)
24. *Rocky Mountain Tobacco Treatment Specialist Certification Program (RMTTS-C) Telehealth*. 4-day training for professionals in Los Angeles, CA working in the field of tobacco cessation who wish to become certified, tobacco treatment specialists (2021, April)
25. *The Power of Peer Specialists*. 1-hour webinar delivered nationally as part of The Clinical Edge, an educational series designed for healthcare providers, social service professionals, peer recovery specialists, and public health professionals (2021, April)
26. *Rocky Mountain Tobacco Treatment Specialist Certification Program (RMTTS-C) Telehealth*. 4-day training for professionals working nationally in the field of tobacco cessation who wish to become certified, tobacco treatment specialists (2021, May)
27. *Rocky Mountain Tobacco Treatment Specialist Certification Program (RMTTS-C) Telehealth*. 4-day training for professionals working nationally in the field of tobacco cessation who wish to become certified, tobacco treatment specialists (2021, October)
28. *Supporting intergenerational wellness and resiliency using a whole-health approach: Multiple pathways to change*. 1-hour webinar delivered nationally as part of The Clinical Edge, an educational series designed for healthcare providers, social service professionals, peer recovery specialists, and public health professionals (2021, December)
29. *DIMENSIONS Tobacco-Free Priority Population Master Class: Adverse childhood experiences and trauma-informed care*. 1-hour webinar built and archived for national access as part of an educational series designed for Los Angeles Department of Public Health (2021, December)

## Colorado

1. *Tobacco Cessation Medications*. 1-hour statewide webinar delivered to clinical staff from behavioral health and integrated care clinics (2015, September)
2. *Pharmacotherapy: Special Topics*. 1-hour presentation delivered to primary care and behavioral healthcare providers at the Colorado Refugee Wellness Center, Aurora, CO. (2016, November)
3. *Tobacco Cessation during Pregnancy and Postpartum* 1.5 hour state-wide webinar delivered to clinical staff from behavioral health and integrated care clinics (2017, March)
4. *The Program was a Success! (But did it Work)?* 1-hour teaching session delivered to funders, students and professionals working in the field of evaluation, Inaugural “Evaluating Better Together” Conference, Denver, CO. (2018, September)

5. *An Introduction to "RAISE Families for Health."* 1-hour presentation delivered to Sheridan Health Services staff and providers, Sheridan, CO. (2018, October)
6. *RAISE Families for Health.* One-day training program delivered to healthcare providers at Sheridan Health Services, Sheridan, CO. (2019, June)
7. *RAISE Families for Health: Group Curriculum.* Half-day training program delivered to RAISE group facilitators at Sheridan Health Services, Sheridan, CO. (2019, July)
8. *Program Evaluation: A Brief Overview (with cartoons).* 1-hour teaching session delivered to students participating in the Psychiatry Undergraduate Research Program and Learning Experience (PURPLE). (2021, August)
9. *RAISE Families for Health.* Half-day training program delivered to staff members from The Matthews House and The Center for Family Outreach, Fort Collins, CO. (2021, January)

## **FACILITATED FOCUS GROUPS**

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1. *Peer-facilitated health and wellness groups for teenagers.* Focus group and feedback session held with members of Colorado's Youth Partnership for Health Advisory Board, Denver, CO. (2020, March)
2. *Pandemic-related transition to virtual work and telehealth.* Focus group with senior administrators from Department of Psychiatry, CU Anschutz. (2020, June)
3. *Pandemic-related transition to virtual work and telehealth.* Focus group with senior faculty from Department of Psychiatry, CU Anschutz. (2020, June)

## **SUPERVISION**

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### **Faculty/Student Mentoring**

<b>Amy Dreier, PhD</b> , Department of Psychiatry	2022 – Present
<b>Alan (Luis) Martinez</b> , Department of Psychiatry	2021 – Present
<b>Nayeli Cisneros, BA</b> , Department of Psychiatry	2021

### **GRANT AND CONTRACT SUPPORT (Selected support shown from 2012 – Present)**

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**08/15/10 – 06/30/15**

**"Reduction of Drug Use and HIV risk among Out-of-Treatment Methamphetamine Users"**

**Statistician, NIH/NIDA 5R01DA026741-05 (Corsi)**

The goal of this study is to compare the effectiveness of a manually-driven HIV testing and counseling (HIV T/C) intervention with HIV T/C plus manualized Contingency Management (CM) among out-of-treatment, heterosexual meth users.

**08/01/11 – 05/31/16**

**"The Impact of Medical Marijuana in Metropolitan Denver"**

**Statistician, NIH/NIDA 5R01DA031816-04 (Booth)**

This research studies prospectively examines the impact of medical marijuana on HIV-related sex behaviors, use of other drugs, and health outcomes, as well as the epidemiology of medical marijuana use.

**10/01/12 - 6/30/15**

**“Tobacco Interventions for Persons with Behavioral Health Disorders”**

**Evaluator, Colorado Department of Public Health and Environment, Prevention and Cessation Grant Program, Project Number 13 TEPCGP A35 0224 (Morris), \$1,144,301**

Innovative Community Tobacco Initiative to close a health disparities gap for smoking cessation services for individuals with behavioral health conditions by providing statewide technical assistance and trainings to behavioral health peers, providers, administrators, and organizations.

**10/01/12 - 06/30/15**

**“Cessation and Health Systems Change Training and Technical Assistance”**

**Evaluator, Colorado Department of Public Health and Environment, State Tobacco Education and Prevention Partnership Grant Program, Technical Assistance Request for Applications (Morris), \$749,543**

Tobacco Control Initiative to support CDPHE grantees with tobacco cessation and system/policy change activities through interdisciplinary training and technical assistance that incorporate tobacco cessation best practices, clinical guidelines, and expert consultation.

**10/01/12 – 06/30/15**

**“Well Body Programming for Persons with Behavioral Health Disorders”**

**Evaluator, Colorado Department of Public Health and Environment, Health Disparities Grant Project Number 13 HD A35 0223 (Morris), \$646,358**

A grant to assess evidence-based weight management and nutrition programming for behavioral health agencies statewide and to provide technical assistance and training to these agencies on integration of weight management and nutrition into daily healthcare practice. Toolkits and other practical resources will be created and disseminated.

**04/15/15—04/14/16**

**“Wellness Recovery Learning Community”**

**Evaluator, Pfizer Independent Grants for Learning and Change (IGLC:6980491) and the Smoking Cessation Leadership Center (SCLC) at the University of California, San Francisco (Venkatesh) \$75,000 subcontract**

The National Council for Behavioral Health, in collaboration with the Behavioral Health and Wellness Program, will improve the overall health of people with substance use disorders in the state of Florida by bolstering tobacco prevention and cessation efforts in ten substance abuse treatment agencies; and strengthening cross-systems collaborations with the Bureau of Tobacco Free Florida (the Florida Tobacco Quitline administrator).

**07/01/15 - 06/30/17**

**“Incredible Years Infant and Toddler Programs at the Haven”**

**Project Lead/Evaluator, Caring for Colorado Foundation (Friends of the Haven), \$80,000**

Funding supports an early childhood social, emotional, and health education program at a residential facility serving women with significant substance and/or mental health challenges. Clinical staff at the Haven receive training to implement a new, evidence-based parenting group curriculum, The Incredible Years.

**07/01/15—06/30/18**

**“Healthy You, Healthy Baby”**

**Evaluator, Colorado Department of Public Health and Environment, A35 Tobacco Cessation Initiative (Nguyen), \$35,000 independent evaluation subcontract, 10% effort**

SCL Lutheran Medical Center (LMC) will implement a comprehensive tobacco education, prevention and cessation project in its Women and Family Center (WFC). The Healthy You, Healthy Baby (HYHB) project uses evidence-based practices to decrease tobacco use and sustain a tobacco-free environment for mothers and babies through assessing tobacco use status, using a motivational interviewing framework to provide cessation counseling, offering nicotine-replacement therapy and quit resources, and tailored follow-up.

**07/01/15- 06/30/18**

**“Collective Impact for High Public Service Utilizers”**

**Evaluator, Colorado Department of Public Health and Environment Health Disparities Grant Program (Morris), \$750,000, 3% effort**

Initiate a collective impact project to create a phased in continuity-of-care model to address the cancer screening and healthy living needs of persons who face multiple levels of health disparities. The individuals this project targets are homeless or at risk for homelessness and also struggle with a behavioral health condition in the 7-county metropolitan region surrounding Denver, with an emphasis on high utilizers of public services and at elevated risk for chronic medical conditions.

**07/01/15—06/30/18**

**“Health Systems Change, Cessation Treatment, and Environment Change for Mental Health and Priority Populations”  
Evaluator, Colorado Deptment of Public Health and Environment, Tobacco Prevention and Cessation Grant Program (Morris), \$750,000, 15% effort**

The primary objective is to support CDPHE grantees with tobacco cessation and system/policy change activities through interdisciplinary training and technical assistance that incorporate tobacco cessation best practices, clinical guidelines, and expert consultation.

**7/01/15 - 6/30/18**

**“Cessation and Health Systems Change Training and Technical Assistance for Grantees”**

**Principal Investigator, Colorado Department of Public Health and Environment, Tobacco Prevention and Cessation Grant Program, (Morris) \$750,000, 15% effort**

A grant to provide technical assistance and training to approximately 30 agencies receiving CDPHE tobacco cessation grants across Colorado.

**10/01/15 - 06/30/17**

**“Build a Clinic: Tobacco Cessation Learning Communities for Primary Care Settings”**

**Evaluator, Pfizer Independent Grants for Learning and Change (IGLC:23604303), (Morris) \$200,000**

Promote evidence-based tobacco cessation among primary care clinics nationally by developing, implementing, and evaluating an innovative, multi-modal tobacco cessation training program.

**10/01/15 – 06/30/18**

**“Integrating Tobacco Use Identification and Cessation Treatment in the Care of Individuals with Chronic Mental Illness”**

**Evaluator, Colorado Dept. of Public Health and Environment A35 Tobacco Cessation Initiative (Jefferson Center for Mental Health), subcontract, \$45,000, 6% effort**

Promote systems change efforts to encourage consistent tobacco use identification and cessation treatment in a center serving clients experiencing mental illness. Facilitate the center’s integration of tobacco use cessation as a part of routine health care.

**12/01/16 – 06/30/18**

**“That’s a WRAP – Recovery Support Services through the Denver Public Library”**

**Evaluator, DHHS Office of Behavioral Health/Substance Abuse and Mental Health Services Administration IHJA 2016000270 (Colorado Mental Wellness Network), Independent evaluation subcontract, \$160,000, 33% effort**

In partnership with Denver Public Library and the Office of Behavioral Health, DHS, facilitate peer navigator program with the goal of increasing the ability of individuals to access services through community outreach, expediting and improving transitions between agencies, and increasing awareness of recovery support services.

**06/01/17 – 06/30/20**

**“Arizona Tobacco Control: Justice Involved Tobacco Cessation Project”**

**Evaluator, Arizona Department of Health Services and Maricopa County Department of Health PH RFP 171182 (Morris), \$322,004**

Partner with the state of Arizona to create a plan and structure a pilot project to serve the tobacco treatment needs of justice involved individuals. Provide training and consultation to key stakeholders for the purpose of embedding tobacco cessation into existing service sectors, and evaluate outcomes at an individual, agency, county and state level.

**07/01/18—06/30/21**

**“Addressing the Whole Health of Low-SES Families: A Novel Approach to Tobacco Treatment”**

**Project Lead, Colorado Department of Public Health and Environment, Tobacco Prevention and Cessation Grant Program (Morris), \$441,000, 40% effort**

Integrate best practices for whole-person wellness into an existing, comprehensive tobacco cessation training curriculum and adapt materials for a target, underserved population of families with young children who are living in poverty. Implement a pilot study at Sheridan Health Services, and evaluate program outcomes at the individual and organizational levels.

**07/01/18—06/30/21**

**“Health Systems Change, Cessation Treatment, and Environment Change for Mental Health and Priority Populations”  
Evaluator, Colorado Department of Public Health and Environment, Tobacco Prevention and Cessation Grant Program (Morris), \$731,250, 15% effort**

The primary objective is to support CDPHE grantees with tobacco cessation and system/policy change activities through interdisciplinary training and technical assistance that incorporate tobacco cessation best practices, clinical guidelines, and expert consultation.

**07/01/19—06/30/20**

**“Motivational Interviewing and Wellness Training”**

**Evaluator, University of Colorado Denver Internal Award (Morris), \$196,077**

An ongoing contract to train UHealth system and School of Medicine (SOM) interdisciplinary providers on Motivational Interviewing (MI) and whole health services.

**09/01/19—03/31/20**

**“Rural State Quitline Caller Evaluation”**

**Evaluator, National Jewish Health (Morris), \$47,187**

A contract to provide an evaluation of quitline experiences among persons who live in rural areas and smoke. The proposed activities are designed to assist NJH and state quitline funders to better understand the barriers and facilitators to engaging and sustaining rural smokers in quitline services.

**07/01/18—06/30/21**

**“Cessation and Health Systems Change Training and Technical Assistance for Grantees”**

**Evaluator, Colorado Department of Public Health and Environment, Tobacco Prevention and Cessation Grant Program (Morris), \$773,523, 15% effort**

A grant to provide technical assistance and training to approximately 30 agencies receiving CDPHE tobacco cessation grants across Colorado.

**09/24/19—03/23/22**

**“Early Adversity and Health-risk Behaviors: Exploring Neurodevelopmental Pathways”**

**Principal Investigator, Developmental Psychobiology Endowment Fund (Garver-Apgar), \$7,500**

This pilot study will examine whether 1) A marker of stress system functioning (i.e. cumulative HPA activity), 2) Impulsivity, and 3) Emotion regulation moderate previously established relationships between early life adversity and health-risk behaviors and behavior change outcomes. Pilot data will inform future research efforts related to effects of early childhood adversity on physical and neuropsychological development and how developmental trajectories differ across individuals.

**12/19/19—12/18/21**

**“Early Adversity and Health-risk Behaviors: Exploring Neurodevelopmental Pathways”**

**Principal Investigator, Psychiatry Research Innovations**

**(Garver-Apgar), \$7,250**

This pilot study will examine whether 1) A marker of stress system functioning (i.e. cumulative HPA activity), 2) Impulsivity, and 3) Emotion regulation moderate previously established relationships between early life adversity and health-risk behaviors and behavior change outcomes. Pilot data will inform future research efforts related to effects of early childhood adversity on physical and neuropsychological development and how developmental trajectories differ across individuals.

**10/01/2020 – 9/30/2021**

**“RAISE Families for Health”**

**Investigator, DHHS/Substance Abuse and Mental Health Services Administration**

**(Morris), \$91,416, 18% effort**

This project will adapt, implement, and evaluate the *RAISE Families for Health* Program in two organizations in Larimer County serving at-risk children and families. Program outcomes will be evaluated at the organizational and participant levels.

**1/10/2021 – 6/30/2021**

**“COVID-19 Vaccine Hesitancy Program”**

**Co-Investigator, Colorado Department of Public Health and Environment**

**(Morris), \$70,406**

Create a communication and training plan that will assist Colorado health care providers maximize conversations with patients regarding COVID-19 vaccinations.

**07/01/21 – 06/31/22**

**Project Extension: “Addressing the Whole Health of Low-SES Families: A Novel Approach to Tobacco Treatment”**

**Project Lead, Colorado Department of Public Health and Environment, Tobacco Prevention and Cessation Grant Program (Morris), 40% effort**

Integrate best practices for whole-person wellness into an existing, comprehensive tobacco cessation training curriculum and adapt materials for a target, underserved population of families with young children who are living in poverty. Implement a pilot study at Sheridan Health Services, and evaluate program outcomes at the individual and organizational levels.