

## Mary Kate Koch, Ph.D.

526 McCarty C, Gainesville, FL 32603  
Department of Psychology, University of Florida  
(503) 547-4519 [m.koch@ufl.edu](mailto:m.koch@ufl.edu)

### EDUCATION

Ph.D.	Cornell University (Advisor: Jane Mendle) Developmental Psychology	May 2022
M.A.	Cornell University (Advisor: Jane Mendle) Developmental Psychology	December 2018
B.A.	Gonzaga University Psychology with Honors, <i>summa cum laude</i>	2011-2015

### POSITIONS

<b>Postdoctoral Research Associate</b>	2022 – present
University of Florida (Advisors: Susan Bluck, Carma Bylund) Department of Psychology Department of Health Outcomes & Biomedical Informatics	
<b>Lecturer</b>	2021 – 2022
Cornell University, Department of Psychology Courses: Adolescence & Emerging Adulthood, Narratives of Women's Lives, and First Year Writing Seminar on Unequal Childhoods	

### I. RESEARCH

#### RESEARCH INTERESTS

My research focuses on understanding how individuals navigate and make sense of developmental transitions (e.g., puberty, end of life). I use a diverse methodological toolkit, including content-coding, computational text analysis, and structural equation modeling, to investigate why some individuals navigate these universal transitions more adaptively while others have a more difficult time.

#### RESEARCH FUNDING

*External, funded*

Chen Zuckerberg Institute 2019  
*Transforming philanthropy: Evaluating how funding sources perpetuate deficit-based conceptualizing of youth*  
Role: Consultant on computational text analysis

Scholarship of Teaching and Learning Research Grants Program 2017

Society for the Teaching of Psychology  
*Open-Source Tools for Psychological Research*  
 Role: Co-Principal Investigator

*Internal, funded*

Harold Feldman Fellowship for Dissertation Research 2020  
 Cornell University, Department of Psychology  
*Experiences At Puberty Situated in Individual, Social, and Cultural Contexts*  
 Role: Principal Investigator

HEAA Alan D. Mathios Research and Service Grant Award 2019  
 Cornell University, College of Human Ecology  
*Same time, same crime? Maturation bias in the juvenile justice system*  
 Role: Co-Principal Investigator

### SELECTED AWARDS AND HONORS

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Finalist for Provost Diversity Fellowship, Cornell University	2021
Finalist for Best Poster Award, Society for Research on Adolescence	2020
Center for Teaching Innovation, Senior Graduate Teaching Fellow	2020-2021
Martha E. Foulk Fellowship, Cornell University, \$12,712	2020
Center for Teaching Innovation Graduate Teaching Fellow	2019-2020
Cornell Graduate School Conference Travel Award, \$500	2019
Society for Research on Child Development Graduate Student Travel Award, \$300.	2019
Program for Research on Youth Development and Engagement Fellowship, Funded by the Bronfenbrenner Center for Translational Research. \$24,658.	2017-2018
APA Advanced Training Institute Scholarship, \$500.	2017

### PUBLICATIONS

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**Koch, M. K., & Mendle, J.** (2022). In their own words: Finding meaning in girls' experiences of puberty. *Child Development*. <https://doi.org/10.1111/cdev.13836>

**Koch, M. K., & Wang, Q.** (in press) Autobiographical memory. In Levesque (Ed.), *Encyclopedia of Adolescence*. Springer.

Garavito, D. M. N., & **Koch, M. K.** (in press). Coming of age in the eyes of the law: The conflict between Miranda, J.D.B., and puberty. *American Criminal Law Review*.

**Koch, M. K., & Mendle, J.** (2021). Real world skills in a virtual world: An innovative activity for teaching developmental psychopathology. *Teaching of Psychology*.  
<https://doi.org/10.1177/00986283211042309>

**Koch, M. K., Mendle, J., & Beam, C. R.** (2020) Psychological distress amid change: Role disruption in girls during the adolescent transition. *Journal of Abnormal Child Psychology*, 48, 1211-1222. <https://doi.org/10.1007/s10802-020-00667-y>

Mendle, J., Beam, C. R., McKone, K. M. P., & **Koch, M. K.** (2020). Puberty and transdiagnostic risks for mental health. *Journal of Research on Adolescence*, 30, 687-705. <https://doi.org/10.1111/jora.12552>

Mendle, J., & **Koch, M. K.** (2019). The psychology of puberty: What aren't we studying that we should? *Child Development Perspectives*, 13, 166-172. <https://doi.org/10.1111/cdep.12333>

McGuire, T. G., McCormick, K. C., **Koch, M. K.**, & Mendle, J. (2019). Pubertal maturation and longitudinal trajectories of depression during early adolescence. *Frontiers in Psychology*. <https://doi.org/10.3389/fpsyg.2019.01362>

*Revise and resubmit:*

Porcelli, S., Mendle, J., & **Koch, M. K.** Mood-based impulsivity and adolescent relationships: Negative urgency predicts interpersonal problems in youth. *Journal of Applied Developmental Psychology*.

*Under review:*

**Koch, M. K.**, Burd, K. & Mendle, J. Same crime, same time? Effects of visual maturity on juvenile justice decision-making

*Working Papers:*

**Koch, M. K.**, Innis-Thompson, M. & Mendle, J. Are you there, God? It's me, gender bias in the American coming of age novel. MS to be submitted by August 2022.

**Koch, M. K.**, & Mendle, J. *Big Mouth* versus real mouths: Representations of puberty across media and youth self-report. MS to be submitted by August 2022

## CHAired SYMPOSIA & WORKSHOPS

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Text Mining Tools for Narrative Analysis and Other Mixed-Method Research, 2021 November. Pre-conference workshop at the 2021 Biennial Meeting of the Society for the Study of Emerging Adulthood, Virtual.  
Role: Organized (with K. Ratner, M. Azmita) and delivered workshop

Computational Text Analysis Methods for Developmental Research, 2021 April. Symposium at the 2021 Biennial Meeting of the Society for Research in Child Development, Virtual.  
Role: Organized panel members and presented on panel

## INVITED TALKS

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Making sense of puberty: Girls' narratives of navigating physical and social change. Talk given at the University of Florida for the Postdoctoral Association summer lecture series, June 2022.

Extracting meaning from girls' narratives on puberty. Talk given at Belmont University, November 2021.

In their own words: Finding meaning in girls' experiences of puberty. Talk given at Washington University in St. Louis, November 2020.

When did life get harder? Puberty and life disruption. Talk given for 4-H summer session on Women in Science at Cornell University, June 2018.

Easy as ABC? Not with all that's happening to me: Role disruption during the pubertal transition. Talk given at Cornell University Psychology Brown Bag, May 2018.

## CONFERENCE PRESENTATIONS

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**Koch, M. K., & Mendle, J.** (2022, March). Anger or an Accident? Differences in Explanations of Adolescents' Behavior in Ambiguous Legal Scenarios by Sex x Race x Maturation. Poster presented at the 2022 Biennial Meeting of the Society for Research on Adolescence. New Orleans, LA.

**Koch, M. K., & Mendle, J.** (2021, April). Text analysis of puberty experiences from retrospective and concurrent perspectives. Paper presented at the 2021 Biennial Meeting of the Society for Research in Child Development, Virtual.

Porcelli, S., **Koch, M. K., & Mendle, J.** (2021, April). Untangling rumination and negative urgency: An exploration of emotional cascade theory in adolescents. Poster presented at the 2021 Biennial Meeting of the Society for Research in Child Development, Virtual.

Kubi, G., **Koch, M. K., Ratner, K., & Mendle, J.** (2021, March). Perfect fit, or perfectly fixed?: Identity's role in anxiety and perfectionism. Poster presented at the Society for Research on Adolescence. Virtual.

Porcelli, S., **Koch, M. K., & Mendle, J.** (2019, May). Negative urgency and interpersonal conflict: The mediating role of depressive symptoms. Poster presented at the 31<sup>st</sup> APS Annual Convention. Washington, DC.

**Koch, M. K., Kubi, G., & Mendle, J.** (2019, March). Text analysis approaches to predicting depression in early adolescent girls. Poster presented at the Society for Research on Child Development. Baltimore, MD.

Rosenthal, E., **Koch, M. K., & Mendle, J.** (2019, March). Is age just a number? Exploring the association among relative age, pubertal timing, and depression. Poster presented at the Society for Research on Child Development. Baltimore, MD.

**Koch, M. K., Royer, C., & Mendle, J.** (2019, March). Same time, same crime? Pubertal maturation and juvenile sentencing. Paper presented at the American Psychology and Law Society Annual Meeting Portland, OR.

- Koch, M. K.**, McKone, K. M. P., & Mendle, J. (2018, April). The pubertal transition and perceived role disruption. Poster presented at the Society for Research on Adolescence. Minneapolis, MN.
- Rosenthal, E., **Koch, M. K.**, Ratner, K., & Mendle, J. (2018, January). ADHD and identity: Situational influences and individual variability. Poster presented at the Society for Social Psychology and Personality. Atlanta, GA.
- Wagner, D., Barry, S., **Koch, M. K.**, Dukhovny, D., Koskela, N., Hood, K., & Harris, M. (2017, June). Show them the money! Neglecting the economic value of behavioral health for youth with T1D. Poster presented at the American Diabetes Association Scientific Sessions. San Diego, CA.
- Koch, M. K.**, & Koch, C. (2015, November). Examining the relationship between multi-tasking and working memory. Poster presented at the Psychonomic Society Meeting. Chicago, IL.
- Koch, M. K.**, & Medina, A. (2015, April). Neuroticism, dysphoria, and autobiographical writing style. Poster presented at the Western Psychology Conference for Undergraduate Research. Moraga, CA.
- Jasper, L., Koch, C. & **Koch, M. K.** (2013, August). Impact of substance abuse on everyday memory and attention. Poster presented at the Annual Convention of the American Psychological Association. Honolulu, HI.
- Koch, C. & **Koch, M. K.** (2012, November). Shyness, positive and negative affect, life satisfaction and video games. Poster presented at the Society for Computers in Psychology. Minneapolis, MN.
- Jasper, L., Koch, C., & **Koch, M. K.** (2011, November). The impact of substance abuse on everyday memory and attention. Poster presented at the Object Perception, Attention, & Memory Annual Conference. Seattle, WA.

## II. TEACHING

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### **INSTRUCTOR OF RECORD | Cornell University, Department of Psychology**

I independently instructed students, developed course assignments, held exam reviews, directed students to educational resources and opportunities, and provided individual mentorship. I supervised teaching assistants to help with grading student assignments and exams. I managed the gradebook and course materials on Canvas.

- **Unequal Childhoods: First-Year Writing Seminar** (HE1150, class size: 17) Fall 2021
  - New course prepped, developed syllabus, materials, and assignments
- **Adolescence and Emerging Adulthood** (HD1170, class size: 45+) Summer 2021, 2022
  - Adapted course, developed syllabus, materials, and assignments
- **Narratives of Women's Lives** (HD2520, class size: 50) Spring 2021

- New course prepped, developed syllabus, materials, and assignments

### **TEACHING ASSISTANTSHIPS | Cornell University, Department of Psychology**

Developmental Psychopathology	Fall 2020
Research Methods	Fall 2018, Fall 2019
Adolescence and Emerging Adulthood	Spring 2017, Summers 2018-2020
Policy Analysis & Management Senior Capstone	Spring 2019
Aging and Adulthood	Fall 2016

### **INVITED TALKS AND COMMUNITY EDUCATION**

#### **Professional Development:**

Ask a senior graduate student	Spring 2022
Panel member presenting to Cornell psychology graduate students	
Designing a Learner-Centered Syllabus	Spring 2021
Presentation to Cornell graduate students on syllabus design for the Center for Teaching Innovation	
How Do I Know My Students Are Learning?	Spring 2020
Presentation to Cornell graduate students on in-class assessments for the Center for Teaching Innovation	
Professional Development in Translational Research (HD4850, class size:10)	Fall 2019
Presentation to Cornell undergraduates on planning their research careers	

#### **Course Guest Lectures:**

Adolescence and Emerging Adulthood (HD1170, class sizes: 75+)	2018-2020
Guest lecture for Cornell undergraduates each spring on the science of puberty	
Aging and Adulthood (class size: 50)	Fall 2016
Guest lecture for Cornell undergraduates on end-of-life decision-making	

#### **Community Outreach and Engagement:**

Women & Science: 4H course for high school students	Summer 2019
Taught three-day course on overcoming barriers in to promote women in STEM	
Benefits of writing about puberty	Spring 2018
Presentation to 4H community partners on working with youth at puberty	
Developmental Psychopathology (class size: 20)	Spring 2017
Guest lecture for Cornell undergraduates and graduate students on depression	
PRYDE Wreck-it Book — November 2017. Collaborated with Bronfenbrenner Center for Translational Research to create hands-on curriculum of evidence-based psychological exercises to promote positive youth development in New York State 4-H adolescents.	
<ul style="list-style-type: none"> <li>• Expressive writing guidebook — October 2017. Partnered with a Bronfenbrenner Center for Translational Research to develop a guidebook for community practitioners to administer expressive writing interventions in 4-H programs for adolescents.</li> <li>• Junior Scientist — May 2017. Designed hands-on activities and workbooks to introduce middle school students to the psychological science and career possibilities.</li> </ul>	

### **CERTIFICATIONS AND TRAININGS**

Diversity and Inclusion at the University of Florida, Online Training	Summer 2022
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Course provided overview of Equal Employment Opportunity (EEO) and Diversity at UF, policies and expectations regarding diversity and inclusion, and ways to incorporate inclusive behaviors in the workplace

Trained in teaching evaluation method SWAT

Theater Techniques for Teaching

Fall 2019

Completed 6-week course on techniques for more hands-on teaching methods

### SELECTED MENTORING EXPERIENCES

Supervised team of postbac and undergraduate research assistants to engage with large dataset (N = 200) of cancer patients' life reviews 2022

- Supervised coding organization, coder training, and reliability analyses
- Guided undergraduates in poster development and submission

Supervised team of undergraduate research assistants to collect and engage with data (N=185) on youth experiences of puberty 2019-2020

- Supervised data collection, coder training, and reliability analyses
- Assisted in undergraduate submission of poster to national conference from data

Mentored three undergraduate students as part of a scholarships initiative to enhance translational research on youth and development in the local community 2017-2019

Co-advised senior undergraduate honors thesis, Cornell University 2017-2018

- Mentored student through research design, data collection, and analysis

### III. PROFESSIONAL SERVICE

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#### SERVICE TO THE FIELD

##### Ad-hoc journal reviewer

*Journal for Research on Adolescence; Development and Psychopathology; Cultural Diversity and Ethnic Minority Psychology; Scientific Reports; Frontiers in Psychology; American Journal of Sexuality Education*

##### Conference reviewer

Biennial Society for Research on Child Development

Fall 2022

##### Conference committees

Purpose in Context: Ecological Perspectives Conference. November 9-10, 2018 at Cornell University Ithaca, NY.

Role: Co-organizer

#### DEPARTMENT AND UNIVERSITY SERVICE

*Digital historian*, Human Development department, Cornell University 2021-2022

*Organizer*, Prospective graduate student recruitment, Cornell University 2018-2021

*Member*, Open rank faculty search for Social Networks, Cornell University 2018

**DIVERSITY, EQUITY, AND INCLUSION SERVICE**

*Volunteer*, Pride Community Center of North Central Florida 2022

- Tabled community events, provided sexual health education, facilitated conversations with queer youth in the community

*Volunteer*, 4-H Career Explorations through Cornell Cooperative Extension 2019

- Organized campus tours, college application information sessions, and major to career planning sessions to high school girls from rural communities

**REFERENCES**

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Name: Dr. Jane Mendle

Institution: Cornell University

Relationship: PhD Advisor

Email: jem482@cornell.edu

Name: Dr. Anthony Burrow

Institution: Cornell University

Relationship: PhD Committee Member

Email: alb325@cornell.edu

Name: Dr. Qi Wang

Institution: Cornell University

Relationship: PhD Committee Member

Email: qiwang@cornell.edu