

**Destiny Williams-Dobosz (she/her)**  
Curriculum Vitae

Department of Educational Psychology  
University of Illinois Urbana-Champaign  
Email: [destiny7@illinois.edu](mailto:destiny7@illinois.edu)

**EDUCATION**

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| 2024, expected | Ph.D., Educational Psychology, University of Illinois Urbana-Champaign<br>Area of specialization: Cognitive Science of Teaching & Learning (CSTL)<br>Dissertation title: <i>Understanding How First-Generation Black Women in STEM Navigate and Negotiate Academic Help-Seeking</i><br>Advisor: Dr. Michelle Perry |
| 2021           | M.S., Educational Psychology, University of Illinois Urbana-Champaign<br>Advisor: Michelle Perry   |
| 2019           | B.A., Chemistry, Mount Holyoke College   |

**RESEARCH AREAS**

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Help-Seeking, STEM Education, Chemical Education, Online Learning, Minoritized Students, Psychological and Contextual Influences on Learning.

**AWARDS, FELLOWSHIPS, HONORS**

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| 2023              | Department of Educational Psychology Elbert & Barbara Gentry Scholarship (\$1,000)                             |
| 2022              | Department of Educational Psychology Supplemental Block Grant Fellowship (\$800)                               |
| 2022              | UIUC President's Research in Diversity Travel Award(\$600 awarded, but did not use funds)                      |
| 2021-2024         | National Science Foundation Graduate Research Fellowship (3-year stipend of 34,000/year plus tuition and fees) |
| 2021              | Honorable Mention, Ford Foundation Fellowship  |
| 2021              | Department of Educational Psychology Elbert & Barbara Gentry Scholarship (\$1,500)                             |
| 2019-2021(tenure) | UIUC ASPIRE Illinois Fellowship (3-year stipend of \$25,000/year plus tuition and fees)                        |
| 2021              | UIUC Summer Predoctoral Institute Fellow (\$4,000)   |
| 2019              | Mount Holyoke College Irma Rabbino Award (\$500 award for student leadership and service)                      |
| 2019              | Mount Holyoke College Chemistry Department Book Award (award for leadership and service in chemistry)          |
| 2018              | American Chemical Society Scholarship (\$5,000)  |

## **PUBLICATIONS** (\*indicates peer-reviewed)

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- \*Bosch, N., **Williams-Dobosz, D.**, & Perry, M. (2024). Measuring help-seeking in online course discussion forums with privacy-preserving large language models. Accepted to be presented and published in the *Proceedings of the 17<sup>th</sup> International Conference on Computer-Supported Collaborative Learning (CSCL) 2024*.
- \*Samudra, S., Walters, C., **Williams-Dobosz, D.**, Shah, A., & Brickman, P. (2024). Try before you buy: Are there benefits to a random trial period before students choose their collaborative teams? *CBE—Life Sciences Education*, 23(1), ar2. <https://doi.org/10.1187/cbe.23-01-0011>
- \*Jeng, A., **Williams-Dobosz, D.**, Bosch, N., Perry, M. (2023) Direct and indirect ways of being helpful in online peer help-giving interactions. *Computers & Education*, 205,104894. <https://doi.org/10.1016/j.compedu.2023.104894>
- \***Williams-Dobosz, D.**, Jeng, A., Azevedo, R. Bosch, N., Ray, C., Perry, M. (2021). Ask for help: Online help-seeking and help-giving as indicators of cognitive and social presence for students underrepresented in chemistry. *Journal of Chemical Education*, 98(12), 3693 – 3703. <https://doi.org/10.1021/acs.jchemed.1c00839>
- \***Williams-Dobosz, D.**, Azevedo, R.F.L., Jeng, A., Thakkar, V., Bosch, N., & Perry, M. (2021). A social network analysis of online engagement for college students traditionally underrepresented in STEM. In M. Scheffel, N. Dowell, S. Joksimovic, & G. Siemens (Eds.) *The impact we make: The contributions of learning analytics to learning, Proceedings of the 11<sup>th</sup> International Conference on Learning Analytics & Knowledge (LAK '21)*, 207-215. <https://doi.org/10.1145/3448139.3448159>
- \*Jay, V., Henricks, G., Bosch, N., Perry, M., Bhat, S. P., **Williams-Dobosz, D.**, Angrave, L. C., & Shaik, N. (2020). Online discussion forum help-seeking behaviors of students underrepresented in STEM. In M. Grisafe & I. S. Horn (Eds.), *Proceedings of the 14<sup>th</sup> International Conference on Learning Sciences (ICLS) 2020*, Vol 2. (pp. 809-810). Nashville, TN: International Society of the Learning Sciences. <https://repository.isls.org/handle/1/6774>
- Shah, A., Samudra, S., Walters, C., **Williams-Dobosz, D.**, Lannen, A., & Brickman, P. (2020). Students' choice of group mates: Avoiding conflict to enhance learning. *The FASEB Journal*, 34(S1), 1–1. <https://doi.org/10.1096/fasebj.2020.34.s1.07578>

## **WORKS UNDER REVIEW AND IN PREPARATION**

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- Williams-Dobosz, D.** (2024, under review) Storytelling as Praxis: Leveraging a Black First-Gen College Woman's Critical Autoethnography to Explore Inequities and Possibilities in STEM Education. Manuscript submitted for publication.

**Williams-Dobosz, D.** Murphy, R.M., Griffith, R., Perry, M., Shen, S., & Wang, S. (2024, in preparation). Do more practice problems!: *Investigating college chemistry students' interactions with an adaptive learning system*. Manuscript to be submitted for publication.

**Williams-Dobosz, D.**, Bosch, N., & Perry, M. (2024, in preparation). An equity-focused lens to understanding student learning in online STEM college courses. Manuscript to be submitted for publication.

Seals, C., **Williams-Dobosz, D.**, Valdiviejas, H., McCall, G. (2024, in preparation). “We have to be twice as good!”: A review of achievement goals for Black, Indigenous, and People of Color Learners. Manuscript to be submitted for publication.

## **NATIONAL AND INTERNATIONAL CONFERENCE PRESENTATIONS**

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Williams-Dobosz, D. (2024, August). Resilient yet vulnerable: *Understanding the academic experiences of Black girls and women*. [Poster session - Division 15]. Accepted to be presented at the American Psychological Association Annual Convention. Seattle, WA, United States.

Jeng, A., **Williams-Dobosz, D.**, Bosch, N., & Perry, M. (2024, August). *Understanding where undergraduate students go when they need academic help*. [Poster session – Division 15]. Accepted to be presented at the American Psychological Association Annual Convention. Seattle, WA, United States.

**Williams-Dobosz, D.** (2024, April). A critical autoethnography of a first-generation Black woman in STEM navigating academic help-seeking. In **D. Williams-Dobosz** and C. Fong (Chairs), *Reimagining Help-Seeking Contexts for Minoritized College Students: Toward Equity-Focused and Asset-Based Research* [Oral paper in conference session]. American Educational Research Association Annual Meeting.

Irvin, A., Waight, C., & **Williams-Dobosz, D.** (2024, April) *On my mama: A collective autoethnography of Black mothering/ daughtering in academia*. [Oral paper in Research-in-Progress Roundtable Series]. American Educational Research Association Annual Meeting. Philadelphia, PA, United States.

**Williams-Dobosz, D.**, Bosch, N., Ray, C., & Perry, M. (2022, August). *Academic help-seeking in the (Post) COVID era: Insights from the past and considerations for the future*. [Conference session, invited but could not attend]. Biennial Conference on Chemical Education. West Lafayette, IN, United States.

**Williams-Dobosz, D.**, Ray, C., Bosch, N., & Perry, M. (2022, March). *Implementing help-seeking discussions online amongst undergraduate chemistry students*. [Oral paper in conference session]. American Chemical Society Spring 2022 Meeting. San Diego, CA, United States.

**Williams-Dobosz, D.**, Valdiviejas, H., McCall, G., & Seals, C. (2022, April). *“We have to be twice as good!”: A review of achievement goals for BIPOC learners*. [Oral paper in conference session]. American Educational Research Association Annual Meeting. San Diego, CA, United States.

**Williams-Dobosz, D.**, Valdiviejas, H., McCall, G., & Seals, C., (2021, August). *Does performance orientation play a unique role for BIPOC learners?* [Poster session – Division 15]. American Psychological Association Annual Convention for Division 15. Virtual.

**Williams-Dobosz, D.**, Jay, V., Thakkar, V., Bhat, S., Azevedo, R.F.L., Henricks, G., Anderson, C.J., Angrave, L., Bosch, N., & Perry, M. (2021, April). *Online help-seeking behavior and responses to requests for help for students underrepresented in STEM*. [Poster session]. American Educational Research Association Annual Meeting. Virtual.

**Williams-Dobosz, D.**, Azevedo, R.F.L., Jeng, A., Thakkar, V., Bosch, N., & Perry, M. (2021, April). *A social network analysis of online engagement for college students traditionally underrepresented in STEM*. [Oral paper in conference session]. 11<sup>th</sup> International Conference on Learning Analytics & Knowledge (LAK '21). Virtual.

Jay, V., Henricks, G. M., Anderson, C. J., Angrave, L., Bosch, N., **Williams-Dobosz, D.**, Shaik, N., Bhat, S., & Perry, M. (2020, April). *Patterns and outcomes of online help-seeking behavior for students underrepresented in STEM*. [Oral paper in conference session]. American Educational Research Association Annual Meeting. San Francisco, CA, United States.

Samudra, S., Brickman, P., **Williams, D.**, Shah, A. (2019, July). *Investigation of the role of lab instructors in mediating group conflicts in an undergraduate inquiry-based introductory biology lab*. [Oral paper in conference session]. Annual Meeting of the Society for the Advancement of Biology Education Research (SABER), Minneapolis, MN, United States.

## **INVITED PANELS AND PRESENTATIONS**

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(2024, April). *Graduate school is hard, let's not make it any harder: Exposing the hidden curriculum*. Invited panelist for the Graduate Student Council Division C Fireside Chat, American Educational Research Association Annual Meeting. Philadelphia, PA, United States.

**Williams-Dobosz, D.**(2024, March). *Positioning academic help-seeking at the crux of educational equity in STEM Education*. Invited talk for the Community of Scholars Symposium, University of Illinois Urbana Champaign. Champaign, IL, United States.

**Williams-Dobosz, D.** (2022, October). *Equity in STEM Education: Insights from Help-Seeking Research*. Invited lecture for STEM Faculty and Staff at Mount Holyoke College, Virtual.

**Williams-Dobosz, D.** (2022, May). *Academic help-seeking in the (post) COVID era: Research driven insights and recommendations for practice*. Invited lecture for the STEM Speaker Series, STEM and Health Careers Division, Oakton Community College. Virtual.

**Williams-Dobosz, D.** (2021, March). *Ask for help: Online help-seeking and engagement for college students traditionally underrepresented in STEM*. Invited lecture for the Biology Education Virtual Seminar Series, Department of Biological Sciences, Purdue University. Virtual.

**Williams, D.** (2019, April). *Student highlight workshop*. Invited talk for the Women of Color Trailblazers Leadership Conference. South Hadley, MA, United States.

## **MEDIA AND PUBLIC SCHOLARSHIP**

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[STEM For All | Help-seeking and Help-giving in Online STEM College Courses | May 2022](#)

[STEM For All | Underrepresented Student Learning in Online College STEM | April 2021](#)

[University of Illinois at Urbana Champaign Graduate College | Meet Our Fellows, Destiny Williams-Dobosz, NSF Graduate Research Fellow | June 2021](#)

## **TEACHING EXPERIENCE**

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Cultural and Racialized Perspectives in Motivation Research. Presented to the EDUC/PSYCH 709 Motivation in the Classroom Students at the University of Michigan (September 2022).

Equity in STEM Education and Help-Seeking. Presented to the COLL-224 Being Human in STEM Students at Mount Holyoke College. (September 2022).

Teaching Assistant, University of Illinois at Urbana-Champaign, Spring 2022  
EPSY 201: Educational Psychology, Discussion Section  
Course Evaluation: Ranked Excellent (4.56/5.0)

Graduate Student Instructor, University of Illinois at Urbana-Champaign, Fall 2019, Spring 2020  
EPSY 203: Social Issues Group Dialogue: Resisting Marginalization  
Course Evaluation: Ranked Excellent (5.0/5.0)

## **EDITORIAL EXPERIENCE**

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Ad Hoc Journal Reviewer

Frontiers in Education, section STEM Education (2024)

Journal of Chemical Education (2022 - 2023)

Computers & Education (2022)

Journal of Educational Data Mining (2022)

Conference Reviewer

American Educational Research Association (2023)

Educational Data Mining (2022)

### **SERVICE AND OUTREACH**

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2023 - 2024 STEM Pen pal, Letters to a Pre-scientist (LPS)

2021 - 2022 Students Advising on Graduate Education (SAGE) Board Member,  
University of Illinois at Urbana Champaign, Graduate College

2018 - 2019 Founder and Co-chair of Students of Color in STEM (STEMPOC), Mount  
Holyoke College

### **PROFESSIONAL AFFILIATIONS**

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American Educational Research Association, Division C: Learning and Instruction

American Psychological Association, Division 15: Educational Psychology

### **REFERENCES (AVAILABLE UPON REQUEST)**

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