

Abdul Moeed Asad

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Research Interests

Affect in design practice and education: how affective experience shapes designers' judgment, process, and learning, and how technologies, including AI, mediate it. Draws on affect theory, research through design, and qualitative studies of design practice and pedagogy.

Education

- 2025– **Ph.D., Informatics**, Indiana University, Bloomington, IN
Advisor: Colin M. Gray · Expected 2029
- 2022–24 **M.S., Computer Graphics Technology** (UX Design), Purdue University, West Lafayette, IN
Capstone: [“Creating More Resilient Designers: Investigating the Role of Mindsets in Design Pedagogy for Emotional Regulation”](#)
- 2017–21 **B.S., Computer Science**, Lahore University of Management Sciences (LUMS), Lahore, Pakistan
Graduated with Distinction · Coursework focus: HCI

Fellowships and Grants

- 2025 **Luddy Doctoral Associate Instructor Fellowship**, Indiana University
- 2025 **Luddy Doctoral Summer Fellowship** (\$5,200), Indiana University
- 2023 **Student Travel Grant** (\$1,000), ACM CCS '23
- 2020 **Students as Co-Researchers Research Grant** (team lead), LUMS

Publications

Journal Articles

- [J1] Nathan Mentzer, **Abdul Moeed Asad**, Wonki Lee, Andrew Jackson, and Scott Bartholomew. “Priming the Design Process to Improve Student Learning”. *Journal of Technology Education* 38.1 (2026). Forthcoming.

Peer-Reviewed Conference Papers

- [C1] **Abdul Moeed Asad** and Colin M. Gray. “Wrangling and Supporting Uncertainty in HCI Education Practices: Towards an Affective Understanding of Designer Experience”. In *Proceedings of the 8th Annual Symposium on HCI Education (EduCHI '26)*. Toronto, ON, Canada: ACM, 2026, pp. 1–7. doi.org/10.1145/3803869.3803874.
- [C2] Colin M. Gray, Shruthi Sai Chivukula, and **Abdul Moeed Asad**. “Toward an Architectural Model of Design Methods: Meta-Methods, Proto-Methods, and Method Building Blocks”. In *DRS2026: Edinburgh*. Edinburgh, UK: Design Research Society, 2026. doi.org/10.21606/drs.2026.1426.

- [C3] Maryam Mustafa, **Abdul Moeed Asad**, Shehrbano Hassan, Urooj Haider, Zainab Durrani, and Katharina Krombholz. “Pakistani Teens and Privacy – How Gender Disparities, Religion and Family Values Impact the Privacy Design Space”. In *Proceedings of the 2023 ACM SIGSAC Conference on Computer and Communications Security (CCS ’23)*. Copenhagen, Denmark: ACM, 2023, pp. 195–209. doi.org/10.1145/3576915.3623087.

Books and Book Chapters

- [B1] Nathan Mentzer, **Abdul Moeed Asad**, Adrie A. Koehler, Lakshmy Mohandas, and Elnara Mammadova. *Engaging Learners Everywhere: The Interactive Synchronous HyFlex Method*. West Lafayette, IN: Purdue University Press, 2025. doi.org/10.1353/book.141357. Open access.
- [B2] Yasira Waqar and **Abdul Moeed Asad**. “Student as Co-designer: Processes of Planning and Teaching with the Student in Mind”. In *Building Courage, Confidence, and Capacity in Learning and Teaching through Student-Faculty Partnership: Stories from across Contexts and Arenas of Practice*. Edited by Alison Cook-Sather and Chanelle Wilson. Lanham, MD: Lexington Books, 2020.

Research Experience

- 2025– **Doctoral Researcher**, UXP2 Lab, Indiana University (Advisor: Colin M. Gray)
Current work includes a study of how informatics undergraduates work with AI, research on how UX practitioners interpret harm (under review), and research-through-design work that uses AI as a design material. Published at EduCHI and DRS (2026).
- 2023–25 **Research Assistant**, Purdue University (PI: Nathan Mentzer)
Summers 2023 and 2024, then full-time 2024–25, funded through two NSF grants. Led the writing of a media-rich, open-access book on the Interactive Synchronous HyFlex teaching method: organized and drafted its chapters, shaped its format, and created its illustrations and photographs (Award 2110799). Collected field notes, design portfolios, and assessment data for a quasi-experimental study of learning by evaluating (LbE) in Atlanta high schools (DRK-12 Award 2101235); published in the *Journal of Technology Education* (2026).
- 2019, 2022 **Research Assistant**, Interactive Media Lab, LUMS (Supervisor: Maryam Mustafa)
Led a team of three researchers studying how teenagers in Pakistan think about privacy and what that means for design. Ran interviews, focus groups, and design workshops; the findings were published at ACM CCS 2023.

Selected Projects

- 2026– **Reflection Machines**
Research-through-design experiments, built with web technologies and using AI as a design material, for studying affect and for use as pedagogical tools that make the hard work of reflection more delightful. Includes a haiku machine that prints reflections as haiku postcards and an art finder, now in development, that answers them with art, music, film, and poetry.
- 2023–24 **Mindset Memoirs** (M.S. capstone), Purdue University
A formal instructional design project and reflective practice on teaching TECH 12000: prompts that introduce novice designers to professional design mindsets, developed over three semesters and studied through an IRB-approved thematic analysis of student reflections.

Teaching

Indiana University

- 2026 **Associate Instructor**, Design and Implementation of an Information System I (INFO-I 494)
Part of the teaching team for a 230-student senior capstone, sharing responsibility for feedback and grading. Taught mini-lectures on design process models, making sense of data, sketching, and co-evolution, using the course's own brand as a running example of the design process before handing its development to students.
- 2026 **Associate Instructor**, Human-Computer Interaction Design Independent Capstone (INFO-I 694)
Gave 23 master's students detailed qualitative feedback on their independent capstone projects in critiques and one-on-one sessions, and assessed their design work.

Purdue University

- 2022–24 **Instructor of Record**, Design Thinking in Technology (TECH 12000)
Taught two sections of about 40 students each semester for four semesters, in a required, team-based introduction to design. Student teams placed in the top five at the Purdue Polytechnic Design and Innovation Challenge every semester, competing against teams from up to 19 sections.

Lahore University of Management Sciences

- 2022 **Co-Instructor and Workshop Facilitator**, Meaningful Learning with Technology, with Yasira Waqar
Co-designed and co-taught an undergraduate course and a workshop series for instructional designers, superintendents, principals, and head teachers on integrating technology into learning.
- 2021 **Head Teaching Assistant**, ICT for Development (graduate seminar)
Ran design critiques, supervised one other teaching assistant, and handled much of the course's communication and organization.

- 2020 **Teaching Assistant, The Psychology of Technology (PSY 313)**
 Worked with the instructor, Usama Waheed, to redesign the course for online teaching during the pandemic, recasting lectures as shorter, podcast-style episodes students could keep up with remotely.
- 2019 **Student Co-Designer and Co-Instructor, Curriculum: Teaching and Learning (EDU 220), with Yasira Waqar**
 Through a student–faculty partnership, redesigned the course outline, content, and assessment before the term and brought educational technology into the course, then co-taught most sessions to undergraduate peers and led online engagement. Written up as a co-authored book chapter (2020).

Teaching Development

- 2024 **Practice of College Teaching Certificate, College Teaching Development Program, Purdue University**
 A semester of mentored teaching on self-regulation and design mindset, with classroom observations and feedback on assignments from Shawn Farrington.
- 2023 **Certificate of Foundations in College Teaching, College Teaching Development Program, Purdue University**

Design Practice

- 2021–22 **Product Designer and Project Manager, Centre for Economic Research in Pakistan (CERP), Lahore**
 First in-house designer at a research center, leading research-driven design of new products for farmers, nursing mothers, and at-risk children that reached over a million users, with partners including the Gates Foundation, the World Bank, and the UK FCDO. Also product and project manager for the National Science Bowl Pakistan, a national competition run by 30+ staff and volunteers.

Last updated: October 2, 2026