

Alison (Ahlgren) Reddy
Department of Mathematics
1409 W. Green Street
Urbana, IL 61801
ared@illinois.edu

Curriculum Vitae

Professional Experience

Aug. 2007–present

Director: Math Assessment and Placement Program, Department of Mathematics, University of Illinois, Urbana, Illinois.

Jan. 2011–Jan. 2012

Coordinator: College Readiness Program, College of Natural Sciences, University of Texas, Austin, Texas.

Sept. 2007–present

Independent Consultant: Higher Education Policy, Placement, Assessment, and Course Development and Redesign.

Aug. 2003–present

Coordinator: Quantitative Reasoning Courses, Department of Mathematics, University of Illinois, Urbana, Illinois.

Service and Committees

Jan. 2021–present

Academic Affairs Task Force, Office of the Provost, University of Illinois, Urbana, Illinois.

Oct. 2020–present

APLU's Powered by Publics, Intercollegiate Math Forum Committee, Illinois Representative, University of Illinois, Urbana, Illinois.

Sept. 2019–present

Senate Joint Resolution 41 Joint Advisory Council, Appointed Council Member, Illinois Board of Higher Education, Springfield, Illinois.

Sept. 2019–Dec. 2019

LAS Strategic Plan Working Group: Enhancing the Student Experience, Team Member, College of Liberal Arts and Sciences, University of Illinois, Urbana, Illinois.

Apr. 2019–present

Big Ten Academic Alliance, University Team Member, Office of the Provost and Vice Chancellor for Academic Affairs, University of Illinois, Urbana, Illinois.

Mar. 2019–June 2019

General Educations Learning Outcomes Committee, Quantitative Reasoning Representative, Office of the Provost, University of Illinois, Urbana, Illinois.

Sept. 2018–May 2019

Emerging Women Leaders, Office of the Vice Chancellor for Diversity, Equity & Inclusion, University of Illinois, Urbana, Illinois.

Feb. 2018–present

College Bridge Program Committee, Mathematics Representative, Office of the Chancellor, University of Illinois, Urbana, Illinois.

Aug. 2017–present

Critical Courses Committee, Mathematics Representative, College of Liberal Arts and Sciences, University of Illinois, Urbana, Illinois.

Apr. 2017–Aug. 2018

Transitional Math (STEM) Subcommittee, UIUC Representative, Illinois Community College Board – Illinois Board of Higher Education, Springfield, Illinois.

Aug. 2016–Aug. 2018

Illinois Corequisite Pilot, Team Leader for UIUC, Illinois Community College Board – Illinois Board of Higher Education, Springfield, Illinois.

2012–present

Mathematical Association of America/College Board Joint Concerns Committee.

2009–present

AMATYC Placement and Assessment Committee.

Awards and National Grants

Dec. 2020

2020-2021 LAS Academic Professional Award,
College of Liberal Arts and Sciences, University of Illinois, Urbana, Illinois.

Spring 2010

Problems and Trends in Special Fields MEW: Teaching and Learning Math in the Everyday World, Sense-Making in Mathematics and Science, University of Illinois, Urbana, Illinois. This Illinois Mathematics and Science Partnership Program is funded by NCLB, Title II, Part B, US Department of Education in FY 2007. <http://education.illinois.edu/smms>

Apr. 2009

2009 Chancellor's Academic Professional Award,

<http://news.illinois.edu/II/09/0402/capes.html>,

University of Illinois, Urbana, Illinois.

Feb. 2009

2008-2009 LAS Academic Professional Award,

<http://www.las.illinois.edu/news/2009/apawards/>

College of Liberal Arts and Sciences, University of Illinois, Urbana, Illinois.

Teaching Experience

Aug. 2007–present

Online Instructor, NetMath, Department of Mathematics, University of Illinois, Urbana, Illinois.

Aug. 2002–present

Instructor, Department of Mathematics, University of Illinois, Urbana, Illinois.

Aug. 1998–May 1999

Instructor, Department of Mathematics, Penn State University, State College, Pennsylvania.

Sept. 1996–June 1997

Middle school teacher of mathematics and science, The Welsh Hills School, Granville, Ohio. (Welsh Hills is a member of the National Association of Independent Schools.)

Aug. 1994–Dec. 1994

Instructor, Department of Continuing Education, University of Colorado, Boulder, Colorado.

Aug. 1992–May 1994

Teaching Assistant, Department of Mathematics, University of Colorado, Boulder, Colorado.

Sept. 1990–Feb. 1992

Tutor, Academic Support Services, University of San Francisco.

Recent and Upcoming Conference, Invited, Panel, and Workshop Talks

Oct. 2020

Learning Loss in a Pandemic: Equity and Access for Students Entering Higher Education. ASU + GSV Summit, San Diego, CA.

Jan. 2021

Math Support Centers: The Need for Support, the Student Experience, and the Return on Investment. Panel Organizer and Moderator. Joint Mathematics Meeting, Washington, D.C.

July 2021

Evaluating Best Practices Using A Multiple Measures Assessment Framework. Twenty-eighth International Conference on Learning, Kraków, Poland.

Publications

Contributed Chapter, *Knowledge Spaces: Applications in Education*, with Marc Harper. Editor: Jean-Claude Falmagne. Springer. Aug 2013.

Mathematics Placement at the University of Illinois, with Marc Harper. PRIMUS, Aug 2013.

Assessment and Placement through Calculus I at the University of Illinois, with Marc Harper. Notices of the AMS, Nov 2011.

The Implementation of an Online Mathematics Placement Exam and its Effects on Student Success in Precalculus and Calculus, with D. Bullock, J. Callahan, Y. Ban, C. Schrader, American Society for Engineering Education Annual Conference, Expo, Austin, TX (2009).

Education and Certifications

Expected Aug. 2021

University of Illinois, Urbana-Champaign: Ph.D. Higher Education Policy, Organization and Leadership (James Anderson, advisor).

May 2019

University of Illinois, Urbana-Champaign: Certificate in International Education Administration & Leadership.

May 2018

University of Illinois, Urbana-Champaign: M.Ed. Higher Education Policy, Organization and Leadership (James Anderson, advisor).

Sept. 1997–May 1998

Penn State University, University Park: Doctoral student. Curriculum and Instruction (Kathleen Heid, advisor).

Dec. 1995 – Dec 1997

Colorado, Ohio, Pennsylvania: Secondary school teaching certificates – Secondary Mathematics.

Dec. 1995

University of Colorado, Boulder: M.A. Education, Curriculum and Instruction – Secondary Mathematics.

Aug. 1994

University of Colorado, Boulder: M.A. Mathematics (Carla Farsi, advisor).

Dec. 1991

University of San Francisco: B.S. Mathematics (degree conferred *cum laude*).

Past Conference, Invited, Panel, and Workshop Talks

Available upon request.

References

Available upon request.