

## Accounts of Internal & External Leadership Experience for Candidacy as a CUR Board Director:

Being a firm believer and practitioner of an optimal proportion and blend of diversity in education, service, scholarship, and skill, I am a strong advocate of affordability, accessibility, and accountability in academia. Rising from a passionate instructor to a distinguished professor, while also earning recognition as a program director, department chair, faculty president, editor, mentor, and a professional leader; the past two and a half decades of my life have taught me how to keep playing my humble role in planning and pursuing the next phases of the joyous journey towards a better tomorrow in academia.

Leadership, to me, in any capacity, means the ability to envision, inspire, and empower. “*A leader is the one who knows the way, goes the way, and shows the way.*” (John C. Maxwell). To me, the privileges of leadership start beyond the boundaries of the responsibilities. My real exposure and appreciation to leadership in CUR started with attending a 3-day UR workshop in 2011 at Hope College in MI. The ties of loyalty were formally knotted in 2013 with my election as a councilor in the Mathematics and Computer Science Division. Several years after, I received a unanimous endorsement as chair of the division in Dec. 2020. In 2021, I had the honor of advocating the long-standing request of our division’s name change to CUR’s BoD and the Executive Officer. The very next year in 2021, we earned the approval of a new name as the Mathematical, Computing, and Statistical Sciences Division. Since then, I have been unanimously endorsed and mandated by our division to keep serving as their chair. We promoted our blog series, strengthened our presence in the community space and social media. Along with sponsoring three annual Faculty Mentor and one Inclusivity Award, we also kept diversifying our student awards. Upon my recommendation, our division started a new seminar series. Our offerings through this virtual platform have been well-received and appreciated. This year, we have decided to open it to award-winning and inspiring undergraduate student presenters as well. Along with myself, a few other colleagues started offering mentorship and advice to overseas students thus carrying the good name of CUR across global borders. My outreach initiatives also included service as a judge for the World Congress on UR, abstract reviewer for the Posters on the Hill and NCUR, as well secured multiple opportunities to present as an invited speaker on behalf of CUR through various national and international platforms. Additionally, service on various presidential taskforce assignments including internationalization, national database, and program review have prepared me adequately to effectively and impactfully carry out the said duties of “care,” “loyalty,” and “obedience.” While I still take pride in my continued service as our division chair, I also feel ready to embark upon the onward and upward journey of serving CUR better/more effectively through the esteemed platform of its Board of Directors.

I am also thankful for the opportunities to serve the academia through my around one-decade of service (2013-2019 as [Secretary](#), and 2023-2026 as Chair-elect, [current Chair](#) and Past Chair) on the Indiana Section Executive Board of the [world's largest society of mathematicians](#) known as the MAA—Mathematical Association of America. Furthermore, my 14-year service as the institutional Director of Study Abroad Program has allowed me to serve students as well as advise faculty in getting ready for their academic, experiential, and research experiences abroad. Along with serving as an [MAA Recognized](#) Full-Professor of Applied Mathematics in Indiana, I am blessed to be a [NAFSA](#) trained Program Director, [Council of Independent Colleges](#) (CIC) trained Department Chair, a trained [Liaison for Fulbright Scholars Program](#), a trained [Adviser to Fulbright U.S. Student Program](#) and [U.S. Gilman Scholarship Program](#), and a seasoned (five consecutive years of experience) President of Faculty at Trine University. I have served on editorial board of several [MAA/AMS](#) joint publications including seven textbooks. Among numerous other diverse initiatives and endeavours, I am glad to be able to give back further through my continued service on the Editorial Board of internationally reputed peer-reviewed [Mathematics Magazine](#) of the Mathematical Association of America.

In sum, this brief overview of the multitude of my expertise and training as a skilled academician, inspiring mentor, passionate learner, thoughtful team-maker, and a productive team-member, would thankfully allow me well to employ this diversity of knowledge and practice through the Board of Directors platform to more impactfully serve CUR while also supporting its mission and vision in both their true letter and spirit.

## Curriculum Vitae of Professor & Director [Haseeb A. Kazi](#), Ph.D.

### Research & Mentoring Approach

- Get students motivated with the approach of “here are the tools, instructions, and the project...go complete it!” and gradually raise them to the level of “here is the project, go find the tools, and an *optimal* way to complete it!”

### Intellectual Approach

- Wiser is the person who knows “what not to say,” and better “what not to do.”

### Education

- Aug 2002 – Aug 2006 [Southern Illinois University](#) Carbondale IL, USA  
Doctor of Philosophy in Applied Mathematics:  
Numerical Analysis, Special Functions, Elliptic Integrals
- Aug 2000 – Aug 2002 [Southern Illinois University](#) Carbondale IL, USA  
Master of Science in Applied Mathematics: Numerical Analysis
- Jan 1994 – Jan 1996 [Quaid-I-Azam University](#) Islamabad, Pakistan  
Master of Science in Mathematics: Applied Mathematics
- 1989 – 1991 [University of the Punjab](#) Lahore, Pakistan  
Bachelor of Science: Mathematics, and Physics

### Professional Experience

- August 2006 – August 2011 [Trine University](#) Angola, IN, USA  
Assistant Professor of Mathematics
- August 2011 – Aug 2017 [Trine University](#) Angola, IN, USA  
Associate Professor of Mathematics
- August 2017 – present [Trine University](#) Angola, IN, USA  
Full- Professor of Mathematics
- June 2017 – May 2019 [Trine University](#) Angola, IN, USA  
Chair-Department of Mathematics and Physics
- Sep 2015–April 2020 [Trine University](#) Angola, IN, USA  
Unanimously Elected President of Faculty
- June 2010 – Present [Trine University](#) Angola, IN, USA  
Director of Trine University Study Abroad Program
- also includes research study & internships abroad

### Undergrad. Research: Service and Leadership Involvement

- Note: [Trine University](#)’s main campus is a small, private institution in a rural setting. It is a predominantly teaching institution where research is valued but not required.
- [CUR](#): United States Council on Undergraduate Research that “*supports and promotes high-quality mentored undergraduate research, scholarship, and creative inquiry.*”
- [MAA](#): stands for the Mathematical Association of America. It is [the world’s largest](#) community of mathematicians, students, and enthusiasts. One of the core values of the MAA is that it “*develops and promotes research-based instructional resources and practices.*”
- Unanimously endorsed Chair-elect (2023-2024), [Chair](#) (2024-2025), and Past Chair (2025-2026) [Indiana Mathematical Association of America](#)
  - Member, Executive Board, Indiana Mathematical Association of America ([MAA](#)) 2103–2019, 2023–2026
  - [Chair, CUR Mathematical, Computing, and Statistical Sciences Division](#) –includes: mathematics, computer science, and associated disciplines of informatics, cybersecurity, data science, statistics, and actuarial science) 2021–Present

- Member, [CUR](#) Mathematical, Computing, and Statistical Sciences (previously known as Mathematics and Computer Sciences) Division, 2013–Present
- Co-organizer, SIGMAA-UR Panel: “*Undergraduate Research in Mathematics for Addressing the Sustainable Development Goals in the Age of AI*”— 2025 [Joint Mathematics Meetings](#)
- Member: [CUR](#) Program Review Taskforce, Aug 2024–Present
- Member, [CUR](#) National Database Committee, 2022–2023
- Chair, Faculty Mentor Awards, [CUR](#) Mathematical, Computing, and Statistical Sciences Division, 2019–2022
- Chair, Finance Committee, [CUR](#) Mathematical, Computing, and Statistical Sciences Division, 2020–2022
- Mathematics, computer science, informatics, cybersecurity, data science, statistics, and actuarial science Liaison to [CUR](#)’s national Program Review Panel, 2020–2024
- Member, [CUR](#)’s Strategic Pillars National Taskforce on Internationalization, 2013–2020
- Member, [CUR](#)’s Posters on the Hill National Review Board, 2013–2021
- Adviser, [Fulbright U.S. Student Program](#), 2024— Present— also includes research programs
- Member, World Congress on Undergraduate Research Review Panel, 2019–Present
- Member, [NCUR](#) Review Panel, 2019–Present
- Member, [U.S. Gilman Scholarship Program](#) National Review Panel, 2015–Present— also includes UR-based programs
- Liaison, [Fulbright Scholars Program](#), 2013–Present— also includes research programs
- Member, Editorial Board-Classroom Resource Materials-Mathematical Association of America, [MAA](#), 2017– 2023—also edited UR-related books including [A Mathematician’s Practical Guide to Mentoring Undergraduate Research](#) ISBN: 9781470449346  
*101 Careers in Mathematics: Fourth Edition-* ISBN: 9781470450854  
*Discovering Discrete Dynamical Systems-* ISBN: 9780883857939  
*Mathematics for Social Justice: Resources for the College Classroom-* ISBN: 9781470449261  
*Testimonios-Stories of Latinx & Hispanic Mathematicians-* ISBN: 9781470466572  
*Number Theory Through the Eyes of Sophie Germain: An Inquiry Course-* ISBN: 9781470472207  
*Exploring Mathematics with CAS Assistance: Topics in Geometry, Algebra, Univariate Calculus, and Probability-* ISBN: 9781470469887
- Member, Mentoring Network-Early Career Mathematicians- Mathematical Association of America, [MAA](#), 2108– Present—includes mentoring both teaching and research faculty
- Member Editorial Board of the internationally reputed peer-reviewed [Mathematics Magazine – Mathematical Association of America \(maa.org\)](#), 2024–Present
- Founding Advisor, [Association for Women in Mathematics \(AWM\)](#) Club, a Student Chapter at Trine University that provides undergraduate students a platform to pursue further research endeavors with AWM’s support, 2024–Present
- Instructor, mentor, and reviewer for 250+ academic capstone UR Projects completed by seniors in Mathematics and Engineering majors at Trine University, 2008—Present
- Completed a three-day Fall 2011 National Workshop & Training of the Council on Undergraduate Research [CUR](#) at Hope College, MI
- Reviewer for the [Journal of Computational and Applied Mathematics](#) 2013–Present
- Reviewer for the [McGraw-Hill Higher Education](#) undergraduate Mathematics textbooks and online learning platform WebAssign, 2012, 2014, 2015, 2018, 2019, & 2023
- Founding Advisor, Trine Math Club- also a Student Chapter of the [MAA](#) that also provides a local platform for UR-based activities and events

### **Grant Writing Initiatives:**

- Numerous internal and external peer-reviewed national and international conference grants in 2010, 2011, 2014, 2015, 2017, 2022, 2023, and 2024
- Co-Principal Investigator, [National Science Foundation](#) STEP (Science, Technology,

- Engineering, and Mathematics Talent Expansion Program) grant proposal (Proposal # 6953800)
- Secured two Lilly-funded student internships at [Trine University](#), in 2015
- Member, [NSF- GRANTED](#) Network, and Panelist for [EPSCoR](#), 2023–Present

### **Consultancy and Reviews:**

- Associate Editor, [Mathematics Magazine – Mathematical Association of America \(maa.org\)](#), 2024–Present
- Council on Undergraduate Research-[CUR](#)’s Program Review Taskforce 2024-Present
- Council on Undergraduate Research-[CUR](#)’s Liaison and divisional chair for Program Review panel in the disciplines of mathematics, computer science, statistics, cybersecurity, informatics, data science, and actuarial science, 2020-2024
- Mentor, MAA’s Early Career Mathematician (ECM) Network, 2017–Present.
- Associate Editor, internationally reputed peer-reviewed journal [Mathematics Magazine – Mathematical Association of America \(maa.org\)](#), 2024–Present
- Associate Editor, Classroom Resource Materials National Editorial Board of the Mathematical Association of America (MAA)— have served on editorial board of several [MAA/AMS](#) joint publications, 2017–2023
- Reviewer, World Congress on Undergraduate Research, 2019–Present
- National reviewer for the Gilman Scholarship program
- Reviewer for the [McGraw-Hill Higher Education](#) undergraduate Mathematics textbooks and online learning platform WebAssign, 2012, 2014, 2015, 2018, 2019, & 2023
- Reviewer for the [Journal of Computational and Applied Mathematics](#) 2013–Present

### **National Trainings and Certifications**

- Completed [U.S. Gilman Scholarship Program](#) Adviser Training in 2024
- Completed [Fulbright Scholars Program](#) Liaison and Adviser trainings in 2017 and 2024
- Completed a [NAFSA](#) training workshop on “*Collaborated Approaches to Developing Faculty-Led Programs*”– Nov 2014
- Completed a [NAFSA](#) training workshop on “*Health, Safety, and Risk Management in Education Abroad*”- Nov 2012
- Completed a three-day Fall 2011 National Workshop & Training of the Council on Undergraduate Research [CUR](#) at Hope College, MI
- Completed a [NAFSA](#) training workshop on “*Short Term Study Abroad Programming*”- Nov 2011
- Completed a [NAFSA](#) training workshop on “*Study Abroad Advising*” - Nov 2010

### **Selected Honors, and Awards**

- May 2016 [Trine University](#) Angola, IN, USA  
Barrenbrugge Award of Overall Excellence in Teaching, Scholarship, and Service  
--[video citation and presentation of the award](#)
- Mar 2016 Mathematical Association of America ([MAA](#)) Indiana Section  
Winner, Indiana State Distinguished Professor of Mathematics Award-2016
- 2009 – 2010 [Trine University](#) Angola, IN, USA  
Trine University Faculty Scholarship Award
- 2009 – 2010 [Trine University](#) Angola, IN, USA  
Merle J. and Anna Mae McKetta Thomas Excellence in Teaching Award

### **Undergrad. Research: Initiatives and Invited Talks**

- Served as an invited member of a plenary panel on “*Reimagining the Future of Undergraduate Research*” hosted by the U.S. Council on Undergraduate Research ([CUR](#)) at the 2024 ConnectUR conference at the University of Maryland, MD
- Presented a talk on “*The Emergence and Impact of Artificial Intelligence on the Stature of Diversity, Equity, and Inclusion in Undergraduate Research*” (with co-presenter Areeba Kazi) at the 2024 ConnectUR conference held at the University of Maryland, MD hosted by the U.S. Council on Undergraduate Research ([CUR](#))

- Delivered a UR (undergraduate research) SIGMAA invited speaker lecture on “*Within Bounds and Without Borders: Cross-pollinating the Impact of Initiative and Inclusion on Mentoring Undergraduate Research (UR)*” at the 2024 MathFest - an annual conference of the Mathematical Association of America [MAA](#) - held in August of 2024 in Indianapolis, IN
- Presented (poster) with Trine University undergraduate student Areeba Kazi on “*Like Sunlight to a Plant - Utilizing DEIA in Mathematics to Help Students Grow and Flourish in Academia*” at the 2024 MathFest - an annual conference of the Mathematical Association of America [MAA](#) - held in August of 2024 in Indianapolis, IN
- Started (as a founding advisor-2024) [Association for Women in Mathematics \(AWM\)](#) Student Chapter at Trine University as an additional platform to pursue further undergraduate research endeavors at Trine University
- Mentor (volunteer) for overseas graduate and undergraduate research students, 2021-Present
- Presented an invited podcast on “*Undergraduate Research: Students Create Their Own Learning Experiences*”- March 9, 2023 for [almamatter.io](#): [Prof--Haseeb-Kazi-of-Trine-University-on-UG-Research-Students-Creat-Their-Own-Learning-Experiences](#)
- Presented on “*Best Practices for Online Instruction of Mathematics for Students Who Face Learning Barriers*” along with undergraduate student Lance Jutze, at the MAA Indiana Fall 2022 meeting held at Rose-Hulman Institute of Technology in Terre Haute, IN, on October 22, 2022
- Started, as chair MCS Division, a seminar series with a special focus on UR, 2021—Present
- Promoted MCS UR Blog series, 2021—Present
- International presentation on “*Expanding Horizons—Undergraduate Research—Rise, Shine, and Refine!*” at [COMSATS University Islamabad](#), Pakistan, on June 2, 2022
- International invited keynote lecture on ‘*Undergraduate Research in Mathematics: Significance, Trends, and Recommendations*’ at the 17th International Pure Mathematics Conference of [Pakistan Mathematical Society](#), held in Islamabad on Aug 7, 2016
- Advised and mentored undergraduate research projects for multiple students that resulted in accepted presentations at Indiana MAA meetings.
- Secured in 2015 - as a site-supervisor in Indiana - an undergraduate research internship funded by a Lilly grant at Trine University, for a registry project of the of CUR’s Strategic Pillars Taskforce for Internationalization
- Led a [Trine University](#) institutional review board approved joint research project in Fall 2014 (with mechanical engineering department) on “*Enhancing Calculus Learning Experience*”
- Convinced the Indiana [MAA](#) executive board, and Math and CS Division of the CUR in 2015 board meetings to start promoting undergrad research from high school level, and secured approval for special IN-MAA and CUR Awards at Regional and State Science Fairs
- Have been leading several undergraduate research initiatives through the Mathematical Association of America- [MAA](#)’s student chapter at Trine University. One of the projects resulted in acceptance of our undergraduate students’ submissions, prepared under my advice, in a 2014 Calculus textbook (ISBN-10: 1-4292-5433-5) by Michael Sullivan and Kathleen Miranda
- Instructed, mentored, and evaluated several undergraduate research academic capstone projects for more than 250 students at [Trine University](#), 2008-Present.
- Designed the first capstone Mathematics course in 2008 at [Trine University](#) and incorporated mandatory research projects into it.
- [CUR](#)- Council on Undergraduate Research
- [MAA](#)-Mathematical Association of America
- [NAFSA](#)-Association of International Educators
- [Fulbright Scholars Program](#) Liaison Network
- [Fulbright U.S. Student Program](#) Adviser Network
- [Society of Actuaries \(SOA\)](#) Faculty Network
- [NSF | The Public Health and Safety Organization](#) - [GRANTED](#) Network
- [NSF | The Public Health and Safety Organization](#)-Panel for the NSF [Established Program to Stimulate Competitive Research](#) (EPSCoR)

**Professional  
Membership**