

## Resume for Kirthi Premadasa

### Education

1990-1994, Ph.D., Purdue University

1987-1990, MS, Purdue University

1982-1985, BSc (1st Class Honors), University of Colombo, Sri Lanka

### Positions Held (College Education)

- 2018-Present Professor of Mathematics
- 2014-2018 Associate Professor of Mathematics
- 2017 Chair (Mathematical Association of America -Wisconsin Chapter)
- 2014-2017 Aug. Vice-Chair (University of Wisconsin Colleges Math Department).
- 2016-present: Faculty, Bachelor of Science in Business Administration, UW-Extension, Madison, WI.
- 2012-2015 Director, Project NeXT (Mathematical Association of America -Wisconsin Chapter)
- 2012-2014 Assistant Professor of Mathematics (University of Wisconsin-Baraboo/Sauk County)
- 2008-2012 Assistant Professor of Mathematics (University of Wisconsin-Marathon County)
- 2007-2008 Visiting Professor (University of Wisconsin, Whitewater).
- 2002-2007 Chair/Department of Mathematics (University of Colombo, Sri Lanka).
- 2000-2005 First and founding Director of the Graduate School of the Informatics Institute of Technology, Sri Lanka and was instrumental in establishing the first ever British Master's degree to be offered in Sri Lanka from Keele University UK.
- 1997-2000 First and founding director of the Career Guidance Unit of the University of Colombo, Sri Lanka.
- 1994-1997 Senior Lecturer, Department of Mathematics (University of Colombo, Sri Lanka).

### Nationwide Recognitions/positions.

- United States Fulbright Specialist (2018-2020)

### Recent Recognitions for Teaching Excellence

- Won the UW-Platteville's Nimocks family appreciation award in 2020
- Won the UW-System Regents award for teaching excellence, the highest teaching honor given in the 27- campus strong UW-System. This award is given only two faculty members from the 27 universities of the UW-System
- University of Wisconsin System's The Alliant Energy Underkofler Excellence in Teaching Award 2013 (Selected from among many UW four year and Two year campuses including UW-Madison in all disciplines)
- University of Wisconsin Colleges Chancellor Award for Teaching Excellence 2012 (Given to a single individual selected from among all 13 campuses of the UW Colleges and all disciplines).
- I earned Exceptionally Meritorious ranking both in the UW-Colleges Department of Mathematics Merit evaluations and Campus Merit Evaluations, every single year from 2010 to 2016.
- I have maintained an above 4.0 (Excellent) ranking in the "Overall Teacher" question, in student evaluations in every semester for the past ten years, dropping below 4.5 only twice.

- Arthur M Kaplan Award (Excellence in service and teaching) winner 2016 (UW-Baraboo/Sauk County)
- Arthur M Kaplan Award (Excellence in service and teaching) winner 2010 (UW-Marathon County)
- Teacher Appreciation Award (PTK Chapter UW-Baraboo/Sauk County,2016)
- Teacher Appreciation Award (PTK Chapter UW-Baraboo/Sauk County,2015)

### Highlights in Teaching and Learning Research

- Twelve publications on the Scholarship of Teaching & Learning / Math Education in peer-reviewed international journals.  
My main research areas include using instructional technology (such as Twitter and Cellphone clickers, inverted classrooms) to enhance classroom engagement and collaboration, Lesson Study, effectiveness of calculus interventions, optimization and student preference/recall level to word problems.
- More than 45 presentations on the Scholarship of Teaching & Learning and education research in peer-reviewed international, national conferences in the last ten years.
- I was a Wisconsin Teaching Fellow in 2010.

### Highlights in Teacher Training

- I was one of the two US academics (together with Professor Rajee Amarasinge of CSU Fresno) responsible for introducing Lesson Study to Sri Lanka (in 2007). We did this project via two workshops and several lesson study sessions in between. These workshops had the patronage of the Chief Minister of Education and trained 60 teachers selected from across the nation. The workshop had two parts. A week long residential workshop from nine provinces in Sri Lanka and a 48 hour video training workshop. See <http://lessonstudysrilanka.org/Pages/overview.htm> for full details.
- I was the chair of Project NeXT of the Mathematical Association of America (2012-2015), where my duty was to conduct training in teaching to tenure track faculty members in mathematics in all Wisconsin Higher Educational Institutes. I organized two annual training conferences every year between 2012 and 2015. During my tenure, I also initiated a new concept of having new faculty showcase their teaching and learning through a faculty conference which is still going on.
- Created for the first time, a very successful Teaching and Learning Reading Circle (With discussions via Skype among the 13 campuses) for the UW-Colleges Math department in 2016, which is continuing in 2017 with a remarkable response rate.
- In 2005, conducted a very effective CSET workshop for teachers at the California State University, Fresno, where concepts in Abstract Algebra, for example, were introduced uniquely. The workshop had almost an 85% pass rate at the CSET exam.
- I have been the campus Virtual Teaching & Learning Center representative since 2011 and successfully conducted a reading circle on campus every year on a book on teaching and learning and a brown bag discussion.
- I have led different teacher groups through more than eight lesson study projects in three UW institutions.

- Have conducted many training workshops to the UW Colleges Math Department via Wisline and in person.
- In 2011, I applied and secured an ESFY GISE grant (UW Colleges) to conduct four professional development (Wisline) workshops for the instructors of the Math Department on open source math software and free instructional and collaborative software. In these workshops, different departmental members showcased different types of free mathematics software which serve as alternatives to expensive commercial software
- Created and coordinated a unique project where departmental members created six collaborative lesson plans as interventions to remove bottlenecks faced by students as seen from the departmental assessment exercise.

### National Recognitions/positions.

Recommended by the Peer Review Panel (of US, State Department's Bureau of Educational and Cultural Affairs and World Learning )for placement on the Fulbright Specialist Roster for a tenure of three years, as a math education specialist (Dec 2017- Dec 2020).

### Highlights in Projects initiated for Curricular Change

- In 2014, Kavita Bhatia and I applied and obtained a large UW System growth agenda grant (\$ 136392 value) for the creation of a five credit single semester pathway for developmental mathematics, quantitative literacy and intermediate algebra. This grant was the only growth agenda grant given this year to the UW- Colleges. The project itself was a very ambitious project designed to reduce a large number of (almost 90% for the UW Colleges) number of students who start the developmental sequence but fall short of passing college algebra. Our job was to create a new pathway to essentially replace MAT 091, MAT 105 and MAT 108 with a single five credit course. The point was rather than simply to cut or chunk together material but to completely redesign using AMATYC guidelines. We piloted the new course in fall 2015 and fall 2016. UW-M, UW-W, and UW-SP are also partners in our grant. The pilots showed impressive pass rates and retention rates, and now the course is adapted in other campuses in the UW Colleges.
- In 2016, I won a UW-Colleges chancellor award of excellence for the creation of new developmental math pathway mentioned above.
- In 2010, I obtained a UW-System Curricular Redesign Grant for a learning community in Excel Modelling. I was the principal investigator for the grant proposal made and obtained a UW System grant "Curricular Redesign Grant," where I proposed the creation of a unique Learning Community for Mathematics consisting of Faculty members from Biology, Chemistry, Economics, and Psychology. These Faculty members brought real-life applications in Algebra which were processed by students via Excel in a sequence of "Algebra Labs." I was also able to strike a collaboration with UW-Whitewater. This grant was the only grant proposal to be accepted from the Colleges. The grant award was for \$10,000.
- In 2003, while serving as the chair of mathematics at University of Colombo, Sri Lanka, I helped develop a new math major and ran its first implementation. To create this, I collaborated with a

number of my colleagues and external financial and insurance companies. The program continues.

- In 2000, while on leave from University of Colombo, I collaborated with Keele University UK to establish their Masters in IT in Sri Lanka, which is the first Master's degree in IT to be offered by a private university in Sri Lanka. This project also involved me developing a separate campus for graduate studies and staffing it from scratch. Even after I went back to the University of Colombo, I still worked here, and I successfully managed six intakes of students, and the collaboration with the UK was done exhaustively through electronic media, subjected to a six hour time difference with Sri Lanka.
- I developed the assessment plan for the UW-Whitewater math department in 2008.

### Highlights in Undergraduate Research

- Supervised three undergraduate research projects in recent years, two of which went on to published in major journals and a third made it to the Research in the Rotunda event.
- I have been serving as the undergraduate research/Honors coordinator at UW-Baraboo/Sauk County since 2015 and encouraged students and faculty to produce a record number of four and six posters for the Research in the Rotunda event in 2015 and 2016.
- As the Honors Coordinator, I conducted and managed Honors Programs every semester with some Professor-Student groups, and organized a community attended symposium every semester.

### Other Projects and service to enhance Education and Student learning.

- Created the innovative "calc-fest," where we invite area high school students who are training for AP-calculus to campus for a jeopardy style competition during which, the high school teachers themselves get a professional development training conducted by me. This event has now been running for three years.
- As the Chair-Elect of the Mathematical Association of America's Wisconsin Chapter, I was the main organizer of their annual conference to be held at UW-Milwaukee in April 2017.
- I was a member of the very first advisory committee to start the UW-Flex Degree chaired by President Ray Cross and wrote the very first competency set for college algebra which served as a model for the other competency sets.
- I have been the UW Colleges math department's flex degree coordinator since 2012.
- In 2016 took an initiative to develop the first ever Project based Business Algebra course as part of the UW-Extension's project based business degree.
- Has good experience in different modes of teaching (P2P-5 years, Flex, Project based and Independent learning )
- I initiated the idea to launch a calculus competition ("Integrator of the Year") among the thirteen UW Campuses to find the students with the best integrating skills. I conducted this competition for the last six years.
- In 2000, while working at the University of Colombo, I created the first career guidance unit at a state university in Sri Lanka. Here I launched a large project where I collaborated with some

Rotary Clubs to find private sector mentors and internships to more than 200 students. This program is continuing today in the School of Science.

### Recent Grants received (Securing the grant as primary investigator)

- Timothy Deis, Jodean Grunow, Leigh Monhardt, K. Premadasa, S. Kernik. Noyce Capacity Building grant "E's 2 STEM". 2021
- Kirthi Premadasa. UW-Platteville SAIF grant "Remember & Apply". A study on the word problem recall ability of college algebra students. 2019
- Kavita Bhaita & Kirthi Premadasa. **UW System** Growth Agenda Grant: "An Alternate Math Pathway for Non-STEM Majors" for 2014-15) (This two year grant (worth \$136392.00) was one of the three grants awarded to the UW-System and the only grant awarded to the UW-Colleges that year)
- UW-Colleges Summer Research Grant 2013
- VTLC (Virtual Teaching and Learning Center) lesson study grant 2016
- VTLC (Virtual Teaching and Learning Center) lesson study grant 2013
- VTLC small group research grant 2013
- VTLC lesson study grant 2012
- Kirthi Premadasa, Kavita Bhatia, Paul Martin and Yuri Shlapak. VTLC Teaching and Learning Grant 2011
- Kirthi Premadasa, Paul Martin, Paul Whitaker, Hamid Milani, Marlowe Embree, Joel Case, G. Samaranayake and Fe Evangelista "A Learning Community for Mathematics Using Excel." Curricular Redesign Grant (2010-2011) of the Learning Technology Development Council (LTDC), UW System
- Premadasa Kirthi, Clare Hemenway, and Paul Martin. 2009-2010 Lesson Study Grant, a UW Colleges project supported by the UW System Lesson Study Leader program
- Premadasa Kirthi, Clare Hemenway, and Paul Martin. 2010-2011 Lesson Study Grant, a UW Colleges project supported by the UW System Lesson Study Leader program.
- Premadasa Kirthi. 2010-2011 ESFY GISE Grant, a UW-Colleges Grant.

### Experience in Teaching in Different Formats

- Flexible Option Bachelor of Science in Business Administration: Created a Business Algebra Project ("Functions, Functions everywhere") and act as Faculty for this Project based CBL course
- Independent Learning: I am the instructor for the UW-Extension's Independent Learning for Calculus I since 2016.
- Point to Point Teaching: Since 2012, I have been teaching calculus II every spring via P2P, connecting UW-Baraboo/Sauk County and UW-Barron County

### Peer Reviewed Publications

- (Accepted) A. Gunawardena, K. Premadasa, R.Meyer, S.Samaranayake &V.Deshpande. 'A new technique for Course Assessment using Mathematical Optimization', *ICMAS 2021 INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY APPROACHES IN SCIENCE 2021*, Cololmb0, Sri Lanka, 24-26 November.
- (Accepted) A. Gunawardena, S. Samaranayake, Robert Meyer, Vivek Deshpande & K. Premadasa. "Information Technology for Decision Support in College Degree Planning". *Computing Technologies and Applications : Paving Path Towards Society 5.0*, published by CRC Group of Taylor & Francis Group,2021

- Kirthi Premadasa (2018) "Optimizing potential of students through a growth mindset" *Education Perspectives, The Journal of the Ministry of Education Sri Lanka*
- Samaranyake G, Premadasa, K., Amarasinghe, R & Paneru K. (2018) "Teacher Change through Collaboration via Lesson Study" *International Journal for Lesson and Learning Studies*
- Premadasa, K., Martin, P., Sprecher, B., Yang, L. R., Dodge, N. (2016). "The Soda Can Optimization Problem: Getting close to the real thing" *PRMUS Problems, Resources, and Issues in Mathematics Undergraduate Studies*
- Premadasa, Bhatia, K. & Wijetunge T. "Using cellphones as virtual clickers in a math classroom" *Electronic Journal of Mathematics and Technology*; October 2016
- Bhatia, Kavita, Kirthi Premadasa and Paul Martin "Teaching Integration Applications Using Manipulatives" *PRIMUS: Problems, Resources & Issues in Mathematics Undergraduate Studies*; Jul 2014, Vol. 24 Issue 4, p335-346, 12p
- Kirthi Premadasa. "SoTL as Sherwood Forest: A Review of the SoTL Commons Conference 2014" *Teaching & Learning Inquiry: The ISSOTL Journal* Vol. 2, No. 2 (2014), pp. 115-116. Published by: Indiana University Press
- Premadasa, K., & Bhatia, K. (2013). "Real life applications in mathematics: what do students prefer?" *International Journal of Scholarship of Teaching and Learning*, July 2013
- Premadasa, K., & Samaranyake, G. (2012). "Using "1=2" to inspire and learn." *American Mathematical Association for Two Year Colleges Educator* May 2012.
- Martin, P., & Premadasa, K. (2011). "Student Project for Reducing Home Utility Costs." *Journal of College Mathematics of the Mathematical Association of America*, March 2012)
- Bhatia, K., & Premadasa, K. (2011). Using Think Alouds to Remove Bottlenecks in Mathematics. *RUME XIV Conference Proceedings, Volume IV 2011*.
- Martin, P., & Premadasa, K. (2010). Effective use of Wikis in college mathematics classes. Accepted for publication in the *Journal of Systemics, Cybernetics, and Informatics*.
- Amarasinghe, R., & Premadasa, K. (2008). Conducting a mathematics professional development workshop across the world over video conference facilities. *Proceedings of the Society for Information Technology & Teacher Education (SITE) International Conference*.
- Kirthi Premadasa. "Uniqueness of Classifying Spaces: a methodical attack" *Proceedings of the fifty fourth annual sessions of the Sri Lanka Association for the Advancement of Science - 1998*
- Kirthi Premadasa. "On the self-homotopy equivalences of  $BO(n)$ " *Proceedings of the fifty third annual sessions of the Sri Lanka Association for the Advancement of Science - 1998*

### Books published.

- Premadasa, K. Amarasinghe, R. Vega, *Advanced Algebra for Teachers*. (2010). Published by *University Readers* (California State University Fresno has adopted this book).
- Amarasinghe, R & K. Premadasa. (2006). *Lesson Study: To improve Teaching and Learning of Mathematics*. Published by the *Sabaragamuwa Provincial Council of Sri Lanka*.
- Premadasa, K. (2007) *Mathematical Mysteries that stirred the world*. Published by the *Wijesuriya Grantha Prakashana, Sri Lanka*.
- Premadasa, K. (2007) *History of Algebra through the equation*. Published by the *Wijesuriya Grantha Prakashana, Sri Lanka*.
- Premadasa, K. (2006) *One Equals Two. Now, how can that be? A collection of Mathematical fallacies for all ages*. Published by the *Department of Mathematics, University of Colombo*.

## Conference Presentations (Last nine years only)

- Kirthi Premadasa (2021). *The intrigue of  $\ln(\text{Trig})$  type integrals*. Mathematics Presentation at the Mathematical Association of America's WI section annual meeting (Virtual)
- Kirthi Premadasa (2019). *Effect of Mindset Interventions on College Mathematics* Presentation at the Mathematical Association of America's WI section annual meeting, Kenosha, WI.
- Tharanga Wijetunge & Kirthi Premadasa. (2018). *How do students select questions in a math exam?* Paper Presented at the American Mathematical Society Meeting, San Diego, CA.
- Kirthi Premadasa, Geetha Samaranayake, Rajee Amarasinghe & Kyam Paneru. (2018). *Does collaboration help create change in college teachers?* Paper presented at the American Mathematical Society Meeting, San Diego, CA.
- (Submitted) Musa Ayar, Kirthi Premadasa, Terry McGovern, Suresh Chalasani. (2018). *Teaching in the Flexible Option Business Degree Program: Faculty Impressions* Paper to present at the OPID Spring Conference, Madison WI.
- Kirthi Premadasa. (2017). *Intriguing integrals which arise out of "impossible" ones*. Paper presented at Wisconsin Mathematical Association of Two Year Colleges conference, Janesville, WI.
- Kirthi Premadasa, Kavita Bhatia & Geetha Samaranayake. (2017). *A College Lesson Study Experience in Mathematics*. Paper presented at Lily conference, Anaheim, CA.
- Geetha Samaranayake, Rajee Amarasinghe & Kirthi Premadasa. (2017). *Effects of Lesson Study on College Faculty & School Teachers* Paper presented at Lily conference, Anaheim, CA.
- Kavita Bhatia & Kirthi Premadasa. (2017). *Creating New Horizons for Developmental Mathematics through Math Literacy & Algebra* Paper presented at Lily conference, Anaheim, CA.
- Kirthi Premadasa. (2016). *Effect of inverted classrooms on Polya's steps on mathematical problem-solving* Paper presented at Conference of International Society of Scholarship of Teaching and learning. Los Angeles, CA.
- Tharanga Wijetunge & Kirthi Premadasa. (2016). *Does process oriented student feedback, help college math achievement?* Paper presented at SoTL commons conference, Savannah, GA.
- Kirthi Premadasa, Kavita Bhatia & Tharanga Wijetunge. (2015). *The dreaded word problem: What do students remember?* Paper presented at AMS/MAA Joint Sessions, San Antonio, TX.
- Kirthi Premadasa. (2015). *Calculus problem solving: can a flipped classroom help?* Paper presented at the SOTL commons conference, Savannah, GA.
- Kirthi Premadasa. (2015). *Bring Your Own Device: Emerging Virtual Clicker Options and Pedagogy*. Paper presented at annual meeting of the Mathematical Association of America's Wisconsin Chapter, Ripon, WI.
- Kirthi Premadasa, Ayar Musa, and Mike Jacobs. (2014). *Twitter Back-channeling to enhance learning and engagement: A multi-disciplinary study* Paper presented at SoTL commons conference, Savannah 2014.
- Kirthi Premadasa & Kavita Bhatia. (2014). *A research-based study on teaching and learning "Related Rates"* Paper presented at annual meeting of the Mathematical Association of America's Wisconsin Chapter, Whitewater, WI.
- Kirthi Premadasa. (2014). *Using Flipped Classrooms to Enhance Performance in a Calculus II Classroom* Paper presented at UW Colleges Colloquium, Fond Du Lac, WI.

- Kirthi Premadasa. (2014). *D2L and math formulae; Making friends* Paper presented at annual BrightSpace conference, Waukesha, WI.
- Kavita Bhatia, Ibrahim Saleh, and Kirthi Premadasa. (2013). *Concept maps for Calculus Concepts*. Paper presented at ISSOTL conference, Savannah, GA.
- Kirthi Premadasa & Kavita Bhatia. (2013). *What's the matter with College Algebra?* Paper presented at the conference of Wisconsin Mathematical Association for Two Year Colleges, Waukesha, WI.
- Premadasa Kirthi & Gregory Bard. (2013). *Emerging technologies in Mathematics instructions* participated in a Panel at the annual meeting of the Mathematical Association of America's Wisconsin Chapter, April 2013.
- Kirthi Premadasa, Kavita Bhatia, Clare Hemenway & Paul Martin. (2013). *All in a Class Period: Using Lesson Study to Realize Learning Goals* Paper presented at OPID conference, Madison, WI.
- Kirthi Premadasa and Kavita Bhatia. (2013). *Class, take your cell phones out: using cell phones for classroom voting* Paper presented at SoTL Commons conference, Savannah, GA.
- Kirthi Premadasa & Kavita Bhatia. (2013). *Algebra in real life: what do students choose?* Paper presented at Joint Mathematics Meeting of AMS/MAA, San Diego, CA.
- Kavita Bhatia and Kirthi Premadasa. (2012). *Use of Think Alouds and Lesson Study to resolve Calculus bottlenecks* Paper presented at Conference of International Society of Scholarship of Teaching and learning, Ont.
- Kavita Bhatia and Kirthi Premadasa. (2012). *Calculus Blues: Unlocking mysteries in related rates*. Paper presented at SoTL Commons conference, Savannah, GA.
- Kavita Bhatia, Kirthi Premadasa, and Paul Martin. (2012). *Use of Think Alouds and Lesson Study to Address Integral Calculus Bottlenecks*. Paper presented at annual conference of the Mathematical Association of America's Wisconsin chapter, WI.
- Kirthi Premadasa. (2012). *Making College Algebra real through modeling and peer collaboration* Paper presented at 6th Annual Best Practices in STEM Teaching Conference, Baraboo, WI.
- Kirthi Premadasa. (2012). *Creating a Twitter backchannel in the classroom for problem-solving* Paper presented at annual meeting of the Wisconsin mathematical Association for Two-year College's conference, Wausau, WI.
- Kirthi Premadasa. (2012). *A Learning Community in Algebra Connecting Student Classes* Paper presented at UW Colleges Colloquium, Fox Valley, WI.
- Kirthi Premadasa. (2012). *Cell Phone as a Learning Tool: Back-Channeling, Classroom Voting, Computing and Visualization* Paper presented at UW Colleges Colloquium, Fox Valley, WI.
- Kirthi Premadasa, Kavita Bhatia, Clare Hemenway and Paul Martin. (2011). *Using College Lesson Study to introduce discovery and real-life problem-solving skills*. Paper presented at Conference of International Society of Scholarship of Teaching and learning, Milwaukee, WI.
- Kirthi Premadasa, Kavita Bhatia. (2011). *Calculus bottlenecks. Can a Polya rubric help?* Paper presented at Conference of International Society of Scholarship of Teaching and learning, Milwaukee, WI.
- Kirthi Premadasa. (2011). *Search for a Cure: Student Preference for Style and Focus of Math Word Problems* Paper presented at Conference of International Society of Scholarship of Teaching and learning, Milwaukee, WI.
- Kavita Bhatia and Premadasa Kirthi. (2011). *Why can't they solve it?* Paper presented at SoTL commons conference, Savannah, GA.



- Kirthi Premadasa. (2011). *The Dreaded Word Problem: search for a cure* Poster presented at President's summit, Madison, WI.
- Kirthi Premadasa. (2011). *From where do these functions come?* Paper presented at Mathematical Association of America's Wisconsin chapter meeting, Stout, WI.
- Kirthi Premadasa & Paul Martin. (2011). *A Mathematical learning community with Excel Labs*. Paper presented at annual meeting of the Wisconsin Mathematical Association of Two-year colleges, Fond Du Lac, WI.
- Premadasa Kirthi. (2010) *A story time for Math*. Paper presented at SoTL Commons, Georgia Southern University, Savannah, GA.
- Martin Paul, Kirthi Premadasa, Richard Shotwell and Thomas Eiden. (2010). *Calculating optimal attic insulation levels in attic spaces*. Paper presented at Better Buildings, Better Business Conference, Wisconsin Dells, WI.
- Martin Paul and Kirthi Premadasa. (2010). *Effective use of Wikis in College Mathematics Classes*. Paper presented at International Conference on Education, Training, and Informatics: ICETI 2010, Orlando Fl.
- Martin Paul, Kirthi Premadasa, Richard Shotwell and Thomas Eiden. (2010). *Optimizing Attic Insulation levels*. Invited poster at the Posters in the Rotunda, Madison, WI.
- Premadasa Kirthi. (2010). *Wikis in Mathematics Dos and Don'ts*. Paper presented at Mathematical Association of America (Wisconsin Chapter)'s annual meeting, Oshkosh, WI.
- Bhatia Kavita, Kirthi Premadasa. (2010). *Using Think Alouds to remove Bottlenecks in Mathematics*. Paper presented at annual meeting of Wisconsin Mathematical Association of Two-Year Colleges, Wausau, WI.
- Premadasa Kirthi. (2009). *Multiple Credit Card Debt? Math can help* Paper presented at annual meeting of Wisconsin Mathematical Association of Two-Year Colleges, Madison, WI.
- Premadasa Kirthi. (2009). *How to give a Math D2L Quiz*. Talk presented at Mathematics Department's Teaching Seminar, Wisline, WI.
- Premadasa Kirthi. (2009). *Teaching Calculus through real-world applications* Paper presented at UW Colleges Colloquium, Fox Valley, WI.
- Premadasa Kirthi and Geetha Samaranayake. (2009). *Using Fallacies to correct common student mistakes* Paper presented at MAA Wisconsin Chapter annual meeting, UW-La Crosse, WI.
- Evangelist Fe, G. Samaranayake, J. Lettlier and K. Premadasa. (2009) *Lesson Study on the SARS Epidemic*. Paper presented at MAA Wisconsin Chapter annual meeting, La Crosse, WI.
- Premadasa Kirthi. (2009). *Inspiring College Algebra students through lesson Study* Paper presented International Lesson Study Conference, Chicago, IL.
- Premadasa Kirthi. (2008). *Mathematics Lesson Study as a tool to inspire college students*. Paper presented at the conference of Wisconsin Mathematics Association for Two Year Colleges, Sheboygan, WI.
- R. Amarasinghe, K. Premadasa. (2008). *Using Lesson Study to develop strategies to close the achievement gap and intervention* Paper presented at Conference for the Advancement of Mathematics Teaching (CAMT), Dallas, TX.
- Premadasa Kirthi. (2008). *How to make the Epsilon-Delta definition fun*. Paper presented at MAA Wisconsin Chapter annual meeting. WI, April 2008.
- Evangelist Fe, G. Samaranayake, J. Letellier and K. Premadasa. (2008). *Lesson Study at the College Level: Just Do It*. Paper presented at Lesson Study Conference, Chicago, IL.

- R. Amarasinghe, K. Premadasa. (2008). *Encouraging teachers to conduct lesson studies: A Californian and an International Experience* Paper presented at International Lesson Study Conference, Chicago, IL.

### Professional Reviewer Roles

- I am a reviewer for the journal "PRIMUS" one of the top international journals for mathematics education.
- I am a reviewer for the International Conference "SoTL Commons."

### Senate, Campus and Department Committee Service

For the last six years I have served in the following senate, campus and department committees:

- **UW-Colleges**  
Provost Search Committee 2017  
Flex Degree Advisory Committee Member
- **Senate Committees**  
Senate Teaching Awards (Chair, 2016)
- **Department Committees**  
Vice-Chair -Math Department (2014-Present)  
Executive Committee-Math Department (2015-Present)  
Appointments Committee-Math Department (2016)  
Curriculum Committee-Math Department (2013-2016)  
Flex Degree Coordinator-Math Department (2012-2016)  
IT Committee-Math Department (2009-2012)  
SoTL Committee-Math Department (Chair 2011)  
Workshop Committee-Math Department (Chair 2011)
- **Campus Committees**  
Honors/undergraduate research Coordinator. (At UW-BSC, this is a very significant commitment as every semester, I coordinate the Life Cycle of the Honors Program ending in the Symposium). I encourage faculty and students to conduct undergraduate research projects.  
Campus coordinator for the UW System's "Research in the Rotunda" event.  
Merit –UW-BSC (Chair, 2016 campus merit year)  
Academic Actions-UW-BSC  
Retention and Tenure-UW-BSC (Chair, 2016)  
VTLC campus Representative (Since 2011, both at UW-BSC and UW-MC)  
Curriculum-UW-BSC(2012,2013,2014)  
Budget-UW-BSC(2012-2013)  
Appointments-UW-MC and UW-BSC  
Scholarship & Awards-UW-MC  
Honors Committee-UW-MC  
Merit Committee-UW-MC  
IT Committee-UW-MC  
Multicultural Resources Center-Advisory Committee-UW-MC

## Other Significant Details

- I am a Vice-president of the Colombo University Faculty of Science Alumni Association of North America (CUFSAA), which has a membership of more than 400.
- I am the editorial manager for the monthly newsletter of the Colombo University Faculty of Science Alumni Association of North America.
- Participated and presented at the “1000 Words Wausau”, a writing competition organized by the University of Wisconsin-Marathon County.
- I am an excellent communicator and have been invited to make presentations at a variety of forums. For example this year I became the first faculty to be invited to make a presentation at the annual fundraising Gala event on campus and received a standing ovation from the community. Last year, I was invited to make a presentation also to the community advisors on campus.
- I have excellent IT knowledge and has even taught programming languages and databases to Sri Lankan professionals in 2000-2001.

## References

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