MUTUAL SUPPORT RESOURCE DIRECTORY

SUMMITT-P

January 2017

The SUMMITT-P Collaborative brings together a diverse collection of individuals and institutions with a variety of different experiences and competencies. We share a commitment to collaboratively improve our mathematics programs in response to the needs of partner disciplines as enunciated in the findings of the MAA Curriculum Foundation project. We are committed to working together across disciplines and institutions. We are interested in seeking input and suggestions from others and in turn serving as a resource and as a sounding board when others are seeking such support.

This MUTUAL SUPPORT RESOURCE DIRECTORY is designed to encourage and support this collaboration. For each of the areas below the indicted individuals have expressed a willingness to serve as a sounding board and/or resource in that area. Feel free to contact the individual directly. Please note that this directory will be updated periodically and we are seeking more members of the collaborative who would be willing to serve in this capacity.

INTERDISCIPLINARY COLLABORATION	
Stella Hofrenning Augsburg hofrenni@augsburg.edu	Building Networks with individuals from multiple backgrounds Business/Economics/Social Science
Carrie Eaton Unity ceaton@unity.edu	science/math collaborations and language
Rebecca Segal VCU rasegal@vcu.edu	Interdisciplinary research with biology, chemistry and Engineering. Importance of “speaking the language”
Tao Chen LaGuardia/CUNY tchen@lagcc.cuny.edu	Communication with faculty from other disciplines Business/Economics
Rosalyn Hargraves VCU rhobson@vcu.edu	Engineering and Science perspectives

Jason Robinson Lee jrobinson@leeuniversity.edu	Creating fun and engaging science activities; perspective of faculty member with PhD in leadership
John Hearn Lee jhearn@leeuniversity.edu	Perspective of a Physical Chemist with experience directing undergraduate chemistry research
Mike May SLU maymk@slu.edu	Business courses and programs
COURSE DESIGN	
Rhonda Fitzgerald Norfolk State rdfitzgerald@nsu.edu	Implementing "flipped classrooms"
Shahrooz Moosavizadeh Norfolk State smoosavizadeh@nsu.edu	Course design Curriculum changes/reform
Bill Haver VCU whaver@vcu.edu	Writing in mathematics courses Individual and group projects
Caroline Maher-Boulis Lee cmaherboulis@leeuniversity.edu	Active learning ideas Working with manipulatives
Victor Piercey Ferris State piercer1@ferris.edu	Backwards design Navigating an institution's curricular process Drafting standards of learning with action verbs that are aligned with Bloom's taxonomy

Su Doree Augsburg doree@augsburg.edu	Active learning and other pedagogy Leading a mathematics department and building buy-in
Rebecca Segal VCU rasegal@vcu.edu	Coordinating a large number of sections of a course with many instructors with varying experiences and expertise
Carrie Eaton Unity ceaton@unity.edu	Writing across the mathematics curriculum
Lori Kayes Oregon State lori.kayes@oregonstate.edu	Active learning, particularly in large lecture classes Using undergraduates in teaching team as learning assistants, undergraduate TAs, etc.
Antoni Luque San Diego State aluque@sdsu.edu	Flipped classroom Online lectures Team-based learning
Vennie Filippas **VCU** **avfilippas@vcu.edu**	Development of sample problems involving mathematics, particularly in Engineering Strategies for implementing curricular changes
Kathy Williams San Diego State kathy.williams@sdsu.edu	Curricular design (course level and program level Faculty Development; served as leader of SDSU Center for Teaching and Learning for eight years
COLLABORATION AND REOLVING CONFLICT RESOLVING CONFLICT	
Rosalyn Hargraves VCU rhobson@vcu.edu	Building networks Leveraging other projects
Mike May SLU maymk@slu.edu	Negotiating between and among departments
Bill Haver VCU whaver@vcu.edu	How to take a deep breath and continue “isn’t collaboration fun”

Caroline Maher-Boulis Lee cmaherboulis@leeuniversity.edu	Leadership Skills
Lori Kayes Oregon State lori.kayes@oregonstate.edu	Faculty coordination – large numbers of faculty
GRANT MAMAGEMENT	
Caroline Maher-Boulis Lee cmaherboulis@leeuniversity.edu	Experience with grant management
Bill Haver VCU whaver@vcu.edu	Annual Reports
Mary Beisiegel Oregon State mary.beisiegel@oregonstate.edu	Obtaining local IRB approval
Bryan Poole Lee bpoole@leeuniversity.edu	Statistical Analysis IRB: Language, submission Designing a study/experiment
UNDER REPRESENTED POPULATIONS	
Rosalyn Hargraves VCU rhobson@vcu.edu	Culturally relevant pedagogy Inclusive teaching practices
Rhonda Fitzgerald Norfolk State rdfitzgerald@nsu.edu	Working with underrepresented populations
MATHEMATICS EDUCATION RESEARCH	

Janet Bowers SDSU jbowers@mail.sdsu.edu	RUME connections Mathematics education research
Su Doree Augsburg doree@augsburg.edu	Knowledge of current trends in first and second year mathematics curriculum
Bryan Poole Lee bpoole@leeuniversity.edu	research methods (designing studies/experiments) and statistical analyses in SPSS
Kathy Williams San Diego State kathy.williams@sdsu.edu	Research involving interdisciplinary collaboration Biology and Science Education Research and Dissemination
ASSESSMENT	
Vennie Filippas **VCU** **avfilippas@vcu.edu**	Assessment, particularly involving multiple disciplines
Kathy Williams Sand Diego State kathy.williams@sdsu.edu	Course and program assessment/ major levels
CALCULUS/ALGEBRA COURSES	
Rebecca Segal VCU rasegal@vcu.edu	Experience with modeling based algebra course See tremendous benefits of connecting outside applications within mathematics courses
Su Doree Augsburg doree@augsburg.edu	Developmental algebra Modeling
Carrie Eaton Unity ceaton@unity.edu	Calculus Modeling

TECHNOLOGY	
Janet Bowers SDSU jbowers@mail.sdsu.edu	Power point (really a passion) Graphic design – cool tables, organizational charts
Mike May SLU maymk@slu.edu	incorporating technology into teaching, particularly Excel, geogebra making transitions manageable for faculty with less experience with specific technology