Conference Board of the Mathematical Sciences, Inc.
One Hundred and Thirty-third Meeting of the Council
Friday, May 2, 2025
Held at the AMS DC Office, 700 Pennsylvania Ave, SE
Washington, DC

8:30–9:00 Coffee and Tea will be available

9:00–9:15 **Introductions and Overview of Meeting** – Robert Bryant

9:15–10:00 **Business Meeting of the Council**

1. Secretary's Report – Joleigh Honey
   Approval of Minutes of the Meeting of December 6, 2024 (Appendix A, p. 4)
2. Treasurer's Report – Ted Coe
   a. FY 2025 Half-Year Financial Report (Appendices B&C, pp. 8-9)
   b. Approval of FY2025 budget (Appendix B, p. 8)
3. Director's Report – Charles Steinhorn (Appendix D, p. 10)
4. Nominating committee report and vote on Chair-Elect and EC member-at-large – Joan Ferrini-Mundy
5. Announcements
   a. Update on the new Mathematical Sciences Education Board at the National Academies – Jennifer Heimberg
   b. Update on the activities of the U.S. National Commission on Mathematics Instruction – Padhu Seshaiyer and Ana Ferreras

10:00–10:15 Break

10:15–12:30 Administration Policies and their Impact on the Mathematical Sciences – *Confirmed speakers*: Scott Palmer (EducationCounsel), Steve Pierson (ASA), Miriam Quintal (SIAM), Karen Saxe (AMS).

12:30–1:30 Lunch

1:30–2:20 CBMS EDI task force session –Enrique Galindo, Dave Kung

2:20–2:50 ICM 2026 update – Robert Bryant, Cindy Lawrence

2:50–3:10 Break

3:10–5:00 2026 Year of Mathematics Update – Charlie Steinhorn, with Zoom presentations by our advertising/marketing partner droga5 and our fundraising partner CCS.

5:00–6:00 Reception

CBMS December 2024 Council Meeting Invitees

Attendees	Group	Email
Debora Rimkus	AMATYC	debora.rimkus@amatyc.org
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Appendix A

Minutes of the 132nd Meeting of the Council of the Conference Board of the Mathematical Sciences, Inc. Held at the ASA Headquarters, 732 North Washington St., Alexandria, VA Friday, December 6, 2024

The following were present for all or part of the meeting.

Executive Committee: Robert Bryant, Chair; Joan Ferrini-Mundy, Past Chair; Joleigh Honey, Secretary; Ted Coe, Treasurer; Enrique Galindo, Member-at-Large (and AMTE); Hortensia Soto, Member-at-Large (and MAA).

Council Members: George Hurlburt, AMATYC; Bryna Kra, AMS; Michael C. Laskowski, ASL; Eboney McKinney, ASSM; Pam Seda, BBA; Ben Galluzzo, COMAP; Jessica Utts, IMS; Julie Swann, INFORMS, MAA; Cindy Lawrence, MoMath; Asamoah Nkwanta, NAM; Katey Arrington, NCSM; Latrenda Knighten, NCTM; Carol Woodward, SIAM; Timothy Rozar, SOA.

Additional society representatives: Anne Dudley, AMATYC; John Meier, AMS; Karen Saxe, AMS; Kim Gill, AMTE and NCSM; Ron Wasserstein, ASA; Lisa Ashe, ASSM; Darla Kremer, AWM; Tanaga Hannah Rodgers, BBA; Jeff Cohen, INFORMS; Michael Pearson, MAA; Aris Winger, NAM; Ken Krehbiel, NCTM; Suzanne Weekes, SIAM.

Invited Guests: Jennifer Heimberg, NAS; Dave Kung, CBMS EDI Task Force; David Manderscheid, NSF; José A. Marroquin, SOA; Stefanos Orfanos, SOA; Michelle Schwalbe, NAS; Alex Temple, NAS; Afi Wiggins, Dana Center; Trena Wilkerson (via Zoom), CBMS Working Group on Teacher Recruitment and Retention.

Staff: Charles Steinhorn, Director; Dayle Rebelein, Administrative Assistant

Reports from the presenters (except where noted otherwise) are available at https://www.cbmsweb.org/council-meeting-materials/.

I. Business Meeting

Chair Robert Bryant welcomed those who were present, outlined the agenda, and congratulated the CBMS member organization presidents whose terms were ending and who would be attending their last CBMS meeting as presidents.

1. **Secretary's Report.** Joleigh Honey
   Approval of Minutes. The minutes of the May 2024 CBMS Council meeting were approved unanimously.

2. **Treasurer's Report.** Ted Coe

a. **FY 2024 Operating Budget Income/Expense Report.** The report was presented for informational purposes.
b. The Unrestricted Net Assets History was presented for informational purposes.
c. **FY 2025 Dues Assessments.** The proposed FY2025 dues were presented and approved as presented.

3. Director's Report. Charles Steinhorn submitted a written report distributed with the agenda materials and answered questions based on the report.

4. **Presentation and Approval of the USNC/M and USNC/MI nominations.** Chair Robert Bryant presented for approval the slate of nominees for the four positions on the USNC/M for which CBMS was responsible this year. The primary and alternates for the positions are as follows:

Position 1 (Applied Math)
Primary: Sven Leyffer (Argonne National Lab)
Alternate: Nate Whitaker (U Mass Amherst)
Position 2 (Pure Math)
Primary: Thomas Mrówka (MIT)
Alternate: Michael Hopkins (Harvard)
Position 3 (Statistics)
Primary: David Dunson (Duke)
Alternate: Dipak Dey (University of Connecticut)
Position 4 (Industry)
Primary: Kristin Lauter (Meta, AI & number theory)
Alternate: Henry Cohn (Microsoft, discrete mathematics).

The slates were approved unanimously and transmitted to the National Academy of Sciences.

Selection of the nominees for the two USNC/MI positions had not been completed at the time of this meeting and would be submitted for approval by the Council by email. The slate, submitted by email ballot for Council approval in January and approved that month is:

Position 1 (Math Education)
Primary: Yvonne Lai (University of Nebraska)
Alternate: Megan Wawro (University of Vermont)
Position 2 (Statistics Education)
Primary: Hollylynne Lee (NC State)
Alternate: Anna E. Bargagliotti (Loyola Marymount)

The slates were subsequently transmitted to the National Academy of Sciences.

5. Announcements.
Enrique Galindo gave a brief presentation on state legislation dealing with mathematics pedagogy.

II. DEI Spotlight – Enrique Galindo, Dave Kung (*CBMS EDI task force co-chairs*)

The session began with a presentation of the results of a survey of the CBMS member organizations about their EDI efforts. Then the EDI work of three member organizations---AMTE, ASSM, and NCSM---was highlighted and discussion followed focusing on takeaways of these efforts. The session concluded with Karen Saxe making a brief presentation on potential implications for EDI that might emerge from the new presidential administration.

III. NSF Division of Mathematical Sciences (DMS) Presentation – David Manderscheid (*Division Director, DMS*)

Dr. Manderscheid, the Director of the NSF Division of Mathematical Sciences gave an overview of Division programs, priorities, and initiatives. He also strongly encouraged the mathematical sciences community to submit proposals.

IV. The Royal Society Mathematical Futures Programme – Andrew Noyes

Dr. Noyes, a Professor of Education at the University of Nottingham and the founding Director of the Observatory for Mathematical Education, is a member of the U.K. Royal Society Mathematical Futures Board. He discussed the 2024 Mathematical Futures Programme report, which offers "A new approach to mathematical and data education that better prepares all young people for their futures, whether for jobs or to play active roles in wider society." "With a 20-year time horizon, the report sought to address three core questions:

1. What mathematical competences will be needed for citizens and society to thrive in the future?
2. How should education systems develop these mathematical competences?
3. What changes should be put in place to move towards that future?"

Slides of Dr. Noyes' presentation were not made available for posting, but the executive summary and full report can be accessed at

https://royalsociety.org/news-resources/projects/mathematical-futures/.

V. Consideration and Adoption of the CBMS Working Group paper, *CBMS Statement on the Need for a Grades 9-14 Mathematical and Statistical Sciences Framework* – Ted Coe

Following a lively discussion during which some concern was expressed about how prescriptive the document is, the Council voted (i) to transmit the paper to the soon to be constituted National Academies Mathematical Sciences Education Board (17 yes, 0 no, 3 abstentions), and (ii) to post the paper on the CBMS website (18 yes, 0 no, 2 abstentions).

VI. Consideration and Adoption of the CBMS Working Group paper, *The State of Retention and Recruitment of Middle and Secondary Mathematics Teachers in the United States: Analysis and Tangible Actions* – Trena Wilkerson (via Zoom)

Following a discussion and a minor change in language, the Council voted to post the report and its executive summary on the CBMS website (19 yes, 0 no, 1 abstention). CBMS Director Steinhorn will commence working with the strategic communications firm Burness to publicize the report's results, which demonstrate that there is indeed a crisis in recruiting and retaining mathematics teachers and that suggest promising practices.

VII. Discussion about 2026 as a Year of Mathematics

Charlie Steinhorn made a brief presentation on this project's progress that included the concept testing research conducted by our strategist, Julie Liss, and that outlined the goals and the steps to be undertaken over the next several months.

The meeting adjourned at 5:00pm to the reception, with wines once again generously provided by Uri Treisman.

Appendix B

FY 2024 Actual and FY 2025 Budget Shown for Comparison

Income

	FY 2024 Actual	FY 2025 Budget		FY 2025 First half actual	FY 2026 Suggested budget
Dues	$65,000	$68,500		$34,750	$77,000
Interest	$0	$0		$0	$0
Royalties	$76	$0		$0	$0
NSF Reg. Res. Confs. & 2025 Survey					
Salaries	$13,450	$18,807		$0	$2,500
Indirect Costs	$3,369	$12,245		$0	$7,839
Total Income	$81,968	$99,552		$34,750	$87,339

Expenses

	FY 2024 Actual	FY 2025 Budget		FY 2025 First half actual	FY 2026 Suggested budget
Compensation					
Director	$35,000	$35,000		$15,000	$35,000
Administrative Coordinator	$20,000	$22,500		$10,000	$20,000
Postage and Shipping	$69	$500		$2	$500
Supplies	$698	$2,000		$19	$1,000
Internet	$0	$0		$0	$0
QuickBooks license	$1,111	$1,100		$1,178	$1,100
Website	$0	$500		$1,208	$500
Council Meetings					
Travel	$16,084	$10,000		$5,700	$10,000
Food and Other Meeting Expenses	$10,441	$10,000		$2,762	$10,000
Staff Travel	$5,786	$8,500		$1921	$6,000
Accounting Fees	$2,800	$4,000		$0	$4,000
Auditing Fees	$0	$3,000	**a**	$0	$3,000
Insurance	$1,460	$2,000		$0	$2,000
Unbudgeted Expenses					
Bank Service Charges	$17	$15		$8	$15
Charitable contributions	$1,000	$0		$0	$0
Total Expenses	$93,466	$99,115		$37,798	$93,115
Operating Surplus or (Deficit)	($11,498)	$437		($3,048)	($5,776)

Notes

a - These are only paid every third year. This is in anticipation of auditing fees of approximately $9000 in FY 2026.

Appendix C

Unrestricted Net Assets as of March 31, 2025

cash on hand – Bank of America	$143,543
accounts receivable	
dues	$100
other	$0
accounts payable	$0
Net	$143,443

Investments

Vanguard Balance Sept 30, 2021	$182,400
Vanguard Balance Mar 31, 2022	$181,876
Vanguard Balance Sept 30, 2022	$172,460
Vanguard Balance Mar 31, 2023	$172,424
Vanguard Balance Sept 30, 2023	$178,763
Vanguard Balance Mar 31, 2024	$190,126
Vanguard Balance Sept 30, 2024	$199,358
Vanguard Balance Mar 31, 2025	$202,692
Total Unrestricted Net Assets	$346,135

Appendix D

Directors' Report — Charles Steinhorn

Below, I discuss my activities since the December Council meeting and look ahead to the next several months. The period since the December meeting has been every bit as busy as the preceding six months. It continues to be a deep pleasure to meet and collaborate with the many exceptional people who give themselves to the work we undertake under the umbrella of CBMS.

The past six months

My attention during this period has been been divided primarily among the 2026 Year of Mathematics project, the 2025 CBMS survey of the nation's undergraduate programs in the mathematical and statistical sciences, and (recently) the daily whirlwind of activities taking place in the Federal government.

For those new to CBMS, I will begin the portion of my report on Year of Mathematics activities over the last several months with an extended recap of progress on this project. By early March 2024 we had engaged Julie Liss as our consultant/strategist, and we had formed the Year of Math Task Force. The Task Force membership is broadly representative of the CBMS member societies: Lisa Ashe, Robert Bryant (Chair), Diana Ceja, Ingrid Daubechies, Edray Goins, Liane Pinero Kluge, Cindy Lawrence, José Marroquin, Karen Saxe, April Strom, Uri Treisman, and Tian Zheng, with Alex Temple, the Staff Director of the U.S. National Committee for Mathematics, and me serving *ex officio*. Bryna Kra kindly agreed to serve as liaison from the organizing committee for the 2026 International Congress of Mathematicians to the Year of Math project.

During the spring and into the summer of 2024, the Task Force met with Julie, Alex, and me, with the goal to continue the development the strategic platform for the Year of Mathematics. For this very early work, we thank the Gates and Simons Foundations for their support and guidance. Beyond the Task Force, we had an extended Zoom meeting with Günter Ziegler, who led the 2008 German Year of Mathematics project. He provided us with an extensive debriefing/lessons learned paper. We also spoke with Samantha Burg, at the National Center for Educational Statistics (NCES), who guided us to very useful statistical studies that NCES has carried out (and that I hope are still readily accessible).

In the fall of 2024, Julie undertook an online survey of almost 600 adults and 300 adult parents to validate our strategic platform concept. I shared the **highly** favorable results with you during my presentation at the December Council meeting (available now on the CBMS website); as those of you there saw, they point to a significant (and exciting) opportunity for us. In my presentation I also outlined the next steps we needed to take. Alex, Julie, and I also met with the communications professionals at CBMS member organizations to provide them with an updates on the project.

Entering 2025, the most pressing work involved operationalizing the 2026 Year of Mathematics project. This work includes hiring a full-time Executive Director, and engaging a fundraising and advertising/marketing partner firms. These steps could not be completed until we obtained the

capacity building funding needed to cover the first several months of these costs. Given that we do not have the luxury of time, we undertook our funding effort in parallel with identifying and holding conversations with our prospective fundraising and advertising/marketing partners, and advertising for the Executive Director position. I am pleased to report that we now are very far along in each of these aspects of the project. We very recently obtained the needed capacity building funding that allows us to hire our fundraising and advertising partners, and I am deeply grateful to the largest CBMS member societies who have pledged contributions to help support the Executive Director position.

The CBMS Council will have the opportunity (via Zoom) to meet our fundraising partner, CCS, and advertising partner, droga5, in the last session of the May 2nd meeting. These firms will begin to engage actively with the CBMS member organizations and the Year of Math Task Force soon afterwards. I also am hopeful that we will be able to name the Executive Director for the Year of Math very soon. During the May 2nd session on the Year of Math, I also will briefly highlight some of the other Year of Math efforts on which I have been working, but I will mention one here: in March Karen Saxe (a Task Force member) and I met with Senator John Hickenlooper (CO), and he has agreed to lead sponsorship in the Senate for a Congressional Resolution making 2026 a Year of Mathematics.

The NSF proposal for the 2025 CBMS Survey of the nation's undergraduate programs in the mathematical and statistical sciences at two and four-year institutions, submitted in July 2023, was awarded in summer 2024. This is the first time that CBMS is acting as the fiscal agent for the CBMS Survey award. David Bressoud is the PI on the grant (I am a co-PI). We appreciate the ongoing NSF support for this important work. The CBMS working group chaired by David that focused on how to improve the Survey after such disappointing completion rates for the 2020 Survey, and that served as a sounding board for the development of the 2025 NSF proposal, continues its work to refine and shape the 2025 Survey. The group's membership is listed in the minutes of the December 2022 meeting.

We have been delighted with RMC Research Corporation, the firm we have engaged for the 2025 Survey. They have been wonderfully responsive, resourceful, and thoughtful in the process thus far. Ellen Kirkman, April Strom, David, and I (a subgroup of the working group) continue to meet regularly with RMC. These meetings have been efficient and effective. Reprising from my previous reports, RMC began its work in late 2023 by undertaking a pilot study to understand further why the completion rates for the 2020 CBMS survey were so low and to identify strategies to increase completion rates. These early efforts applied funds remaining from the NSF award for the 2020 Survey (for which AMS was the awardee); NSF approved repurposing these funds to address issues relevant to the 2025 Survey.

During our meetings with RMC, revisions to the 2-year and 4-year survey instruments for the 2025 CBMS Survey were completed late this winter. We have worked with RMC to develop the sample of departments to be surveyed. To ease the burden on department chairs, plans call for some of the data (e.g., enrollment figures) to be collected from institutional research offices.

We also are delighted that the CBMS 2021 Survey, which had been delayed for a host of reasons, finally became available in February 2025; the complete report can be downloaded from

the AMS website. AMS also will be sending out color printed executive summaries to 4 and 2 year departments in lieu of the past practice of sending hard copies of the full report.

CBMS has been responsible for providing central administrative support for the longstanding NSF-CBMS Regional Research Conference series. Through the August 31 2024 expiration of the NSF award made to CBMS in 2018, we continued to carry out these responsibilities. As I reported in December, the 4-year renewal proposal to NSF for this purpose that I submitted was unexpectedly and disappointingly declined, and more broadly NSF also moved to end the Regional Research Conference series and will not seek proposals for conferences in 2026.

Proposals for summer 2025 conferences were solicited by NSF---the solicitation and deadline for proposals appeared before NSF decided to discontinue the program---and it is expected that five will be funded (four have now been funded, the grant for the fifth conference may be frozen in Grants & Agreements).

The four 2025 NSF-CBMS Research Conferences thus far funded by NSF are:

- Classifying Amenable Operator Algebras**,** June 9-13 at Texas Christian University
- Representations of *p*-adic Groups and Noncommutative Geometry**,** June 9-13 at St. Johns University
- Legendrian Links and the Microlocal Theory of Sheaves, June 9-13 at Georgia Institute of Technology
- Research at the Interface of Applied Mathematics and Machine Learning, December 8-12, University of Houston.

I was pleased to see that five conferences were recommended for funding, almost the historical average, especially since one of the reasons why NSF decided to terminate the program is the perception that interest in the program had declined.

When the proposal was declined, I wrote to the program officer in June that there would be no funds with which to pay the honoraria to the principal lecturers for any summer 2025 conferences that NSF approved, and that there would be no funds for publicity. In October, after NSF had reviewed and decided to recommend 5 conferences for funding in 2025, a member of the Infrastructure Management Team wrote to offer funds for the honoraria, publicity, Dayle's and my time, and indirect costs, as a supplement to the expired award. While the program officer initially thought these funds could be awarded as a supplement, this did not prove possible. Instead, I needed to submit a full NSF proposal in early February (after resolving issues with the Federal System for Award Management (SAM)), that I expect to be funded sometime this summer (although the deteriorating situation at NSF may make this uncertain.)

The end of the Regional Research conferences presents internal budgetary issues for CBMS, as the funding to the Director and Administrative assistant for their effort, and indirect costs have accounted for up to 25% of CBMS' (slender) budget. CBMS Treasurer Coe will have more to say about this at our May 2nd meeting. The funds that NSF agreed to provide in October in support of the summer 2025 conferences ensures that the CBMS' FY25 budget is sound, but going forward this potential shortfall will need to be addressed.

To replace the loss of revenue to CBMS from its role in administering the Regional Research Conferences program, Tatiana Toro, the Director of SLMath, and I have discussed how we might adapt the Regional Research Conferences program to align with upcoming thematic programs at the several Mathematical Sciences Research Institutes in the U.S., in an effort to diversify participation in these programs. We worked out the outline of how this might be executed and she has discussed the idea with the other institute directors. NSF program officers with whom I have discussed the idea have reacted favorably. While it was not possible to develop and submit a proposal this winter, given the increasing uncertainties at NSF at this time, Prof. Toro and I agreed in a recent conversation that the time is not right to consider submitting a proposal and that we would revisit this at a later date.

The writing team for *The Mathematics Education of Teachers III* (MET) volume, chaired by Marilyn Strutchens, was filled out a year ago and has been hard at work since. The members of the team, in addition to Marilyn, are: Elizabeth Arnold, Lisa Ashe, Basil Conway, Ricardo Cortez, Karen Graham, Lindsey Henderson, Lateefah Id-Deen, Christa Jackson, Deanna Jennings, Yvonne Lai, Hollylynne Lee, W. Gary Martin, Judit Moschkovich, Cody Patterson, April Pforts, Nicole Rigelman, and George Roy. Supported by grant from Math for America (which provided substantial funding for MET II), an in-person convening of the writing team took place in June 2024 at the MAA headquarters, and a hybrid meeting was held at the September NCTM meeting in Chicago. The MET III writing team made a presentation at the January Joint Mathematics Meetings and also at the February annual meeting of the Association of Mathematics Teacher Educators, in each case inviting the audience to comment and provide feedback.

Given the increasing importance of statistics and data science, and the CBMS Pathways work over the last decade, it seemed natural to consider linking the MET III effort with an update of the ASA's *The Statistical Education of Teachers* (SET) volume, published in 2015. This idea was received favorably by ASA, and it was agreed that we could aim for the simultaneous release of revisions to MET and SET. Further, it was hoped that the two updated volumes could include a combined executive summary as well as a common chapter related to Data Science education. The SET II writing team, co-chaired by Anna Bargagliotti and Christine Franklin, was formed in 2023. Current plans call for MET III and SET II to be completed and simultaneously released in the first quarter of 2026.

The strategy of remotely bringing together small working groups with well-defined tasks, between the twice-annual Council meetings, has proven to be an effective strategy for CBMS to move nimbly on important issues, and to tap more deeply into its potential as an impactful *umbrella* organization. I support such groups as a member *ex officio*. Two such working groups, based on priorities identified at recent CBMS meetings, were formed in late 2022 and early 2023. They completed their work in this past fall and the resulting final products were presented to the Council for its consideration at the December meeting. These papers are now posted on the CBMS website. (A third working group that David Bressoud leads, on the 2025 CBMS Survey, continues to function—see above.)

The first of the two groups was formed in response to the U.S. National Commission on Mathematics Instruction (USNC/MI) request to CBMS to develop national data on the crisis in

recruiting and retaining mathematics teachers. Trena Wilkerson graciously agreed to chair a working group to tackle this issue. The group's members are listed in the December 2022 minutes. Supported by a grant from the Bill and Melinda Gates Foundation to CBMS, awarded in February 2023, four mathematics education graduate students were hired in summer 2023 to assist in collecting and collating teacher recruitment and retention data from the states. With the report now completed and posted on the CBMS website, it is imperative that its findings be disseminated widely. For that purpose, we have engaged the Burness firm to provide strategic communications assistance and guidance. I have been working with our contacts in the firm, Andy Burness and Gideon Hertz, this winter and spring. They plan to draft an op-ed that they would like to place in a high visibility general publication and to develop a toolkit that can be used by CBMS member organizations.

Ted Coe chaired the second working group, whose final document was presented to the Council in December and is now posted on the CBMS website. The formation of this group grew out of the final session of the December 2022 meeting, with the aim of finding where there may be consensus within the CBMS Council about what marks a twenty-first century mathematical sciences experience for students in grades 9-14. The membership of the working group was listed in the May 2023 minutes. The document calls for the soon to be formed Mathematical Sciences Education Board (MSEB) to undertake a consensus study to produce a framework for Mathematical Sciences education in grades 9-14. The group believes that such a study could play a role similar to the *Framework for K–12 Science Education* that served as a foundation for the *Next Generation Science Standards.* The document was transmitted to the National Academies staff officer for the MSEB after our December meeting.

Looking Ahead: the next six months

I expect the next 6 months to be an intensive and demanding period of work on the Year of Mathematics effort. As I wrote above, capacity building funding is now in place to support operationalizing the effort, which includes formally hiring our fundraising and advertising partners and a full-time Executive Director. I am hopeful that these steps will be completed very soon after the May Council meeting. As I wrote above, the Council will have the opportunity (via Zoom) to meet our fundraising partner, CCS, and advertising partner, droga5, in the last session of the May 2nd Council meeting.

With CCS, droga5, and an Executive Director in place, we can initiate a much more active and outward facing phase of the project. We will be able to involve the Year of Math Task Force and, more generally, the CBMS member organizations in fundraising and planning activities to take place during the year. I expect that it will not be too long before the Year of Mathematics will have a website, and, planning on communications, monthly themes and cultural moments, and broad reach initiatives and local events will be well underway. We also will reach out to organizations representing libraries, independent booksellers, community centers, arthouse cinemas, and school districts (and others?). The overall funding approach, to be executed at the same time, calls for us to partner with a short list of key organizations, corporations, and individuals to serve as sponsors to provide the backbone of support for the Year of Math from development to execution, and grant funding for local initiatives.

Work on the 2025 CBMS Survey of the nation's undergraduate programs in the mathematical and statistical sciences will continue during this period, and is broadly on schedule. During the next six to twelve months, RMC plans to: manage human subjects' protections, finalize revisions to the survey and data collection process, begin creating the project database, conduct the sampling, and engage in data collection April, David, Ellen, and I will continue to meet regularly with RMC throughout this period.

The original NSF proposal for the 2025 CBMS Survey included having RMC conduct a small feasibility study to determine the cost of migrating datasets from prior CBMS surveys into the interactive online dashboard planned for the 2025 Survey. Unfortunately, funding to complete the feasibility study was cut from the NSF 2025 award. Thus, we will need to seek an alternate source of funding if we are to proceed further with an effort to make the dashboard a source of past longitudinal data. There is interest from a foundation to support migration of datasets from CBMS Surveys going back to 1995 into the dashboard, and it is expected that we will submit a proposal for this project sometime in the fall.

CBMS will continue its central administrative role for the 2025 NSF-CBMS Regional Research Conferences program as per NSF's request. This includes publicizing the conferences, paying the principal lecturers' honoraria after the conference and suitable extended materials are provided to CBMS for posting on our website. As discussed above, it is expected that the program will be discontinued by NSF after the summer 2025 conferences have been held, and CBMS' 56-year role in the series will end sometime in late 2025.

A second grant from Math for America that I recently solicited will support the work of an editor for the MET III volume. The volume ultimately will be available in hard copy on a print on demand basis and as a downloadable pdf file, but it will be primarily an online document, hopefully making it possible to be a much richer publication than a purely print book. The editor will be responsible not only to ensure that the volume speaks with a single voice but also for ensuring that the electronic version is well executed. Plans call for the editor to be hired sometime this spring and to begin work on the draft in July. After review of the edited draft by the writing team, it will be sent out for reviews in August, revised based on the reviewers comments, and then resubmitted to the editor in late fall.

Joleigh Honey and I cochair/facilitate the CBMS working group on the role of the mathematical and statistical sciences in Data Science. Soon after the group began to meet in fall 2023 it decided to divide (not disjointly) into two subgroups, one dealing with the Data Science in the K-12 space, and the other focusing on the post-secondary context, given their very different concerns. The K-12 group decided to draft a document to present to the CBMS Council to address the broad range of issues it has identified around data science in K-12 education. The subgroup working in the higher education space decided to build out in more detail the list of programs, courses, etc. that one of the group's members, Michael Dorff, has curated, and to use the list as a resource to find faculty to lead workshops to offer guidance to others who wish to develop courses and programs in Data Science. Each subgroup met (via Zoom) several times during the first half of 2024, but due to other pressing CBMS priorities and some difficulty in scheduling meetings during the summer, the groups have been dormant over the last several

months. Joleigh and I hope reengage the groups during the next few months and report to the Council at its December 2025 meeting.

Members of the Executive Committee (of which I was a member at the time as Secretary-Treasurer) and then CBMS Director Bressoud met separately or in small groups with the leadership of each CBMS member society during the winter/spring of 2021 to learn more about member organization priorities. This was the first time such an effort was undertaken, going back over a decade, and the meetings informed ongoing CBMS initiatives. Joan Ferrini-Mundy, in her role as CBMS Chair, suggested at the December 2022 meeting that it was time again for such conversations occur.

This effort has been delayed for a variety of reasons, including the number of CBMS items needing attention---CBMS is very thinly staffed given all that it does---in particular the several CBMS working groups that were formed in 2022 and 2023, the 2025 CBMS Survey, MET III, and the emergence of the Year of Math project. While in honesty I cannot say if I will be able to organize these conversations sometime in the next 2-3 months, this remains a priority for me.

Ideally, I would like to see us hold such conversations periodically, roughly every 3-4 years. While I know most of the current presidents and executive directors, these meetings can provide the CBMS leadership with a better understanding of the concerns and priorities of its member societies. These in turn can serve as a planning mechanism for topics to include in Council meeting agendas and, ultimately, the activities and projects in which CBMS elects to engage.

CBMS, during the years I have been involved, has maintained a strong relationship with NSF, in particular the Division of Mathematical Sciences and the Directorate of STEM Education (formerly, Education and Human Resources). CBMS also has maintained regular contact with several boards at the National Academies. In previous reports I have mentioned that I want to see us develop stronger relationships with other Federal agencies that have (potential) relevance to the mathematical sciences. My first such foray resulted in the participation of two representatives from NOAA at the December 2023 Council meeting. In the midst of all the uncertainty emerging from the Administration, it seems ever more important to me to reach out as much as I can over the next 6 months.

I also plan to continue attending meetings of CBMS member societies in addition to those I have regularly attended throughout my career. I plan to attend the 2026 Joint Mathematics Meetings and will aim to attend at least one other society's meeting (as I did in 2023, when I attended NCTM and was invited to speak at ASSM).