ACA All-Member Business Meeting Minutes

Essex Room @ Baltimore Marriot Waterfront Tuesday, July 11, 2023

1. Approval of 2022 Minutes

Motion by Gerald Audette to approve; Daniel Fontana second All approved, no objections or abstentions.

2. Presidents Report

A. Announcement of Etter, Buerger, and Warren Awards

Etter Award – Benjamin Frandsen Buerger Award – Thomas Albrecht-Schonzart Warren Award – John Greedan

- B. ACA2023 Transactions Symposium
 - a. Co-chaired by Jim Ciston and Tamir Gonen
- C. New ACA Fellows
 - a. Gloria Borgstahl, Alberto Albinati, Joseph Ferrara, and Catherine Drennan
- D. IUCR 2026 Calgary

Twenty-Seventh Congress and General Assembly of the International Union of Crystallography August 11 - 18, 2026 | Calgary, Canada

Board of Manager

- Joe Ferrara (President)
- Steve Ginell (Treasurer)
- Cora Lind-Kovacs (Secretary)
- Branton Campbell
- Brian Patrick
- Tomislav Friscic
- Kristin Stevens (Executive Director)

Local Organizing Committee

- Marie Fraser
- Joanne Lemieux
- Rene Boere

Program Committee

- Louise Dawe
- Amy Sarjeant
- Stephen Burley

a. Gerald Audette: CNCCr

i. Overview of committee

Professor Louise Dawe (Chair; Communication and Outreach Officer) Wilfrid Laurier University

Professor Gerald Audette (Vice-Chair) York University

Dr. Michel Fodje (Secretary) Canadian Light Source, Inc

Dr. Brian Patrick (Treasurer) UBC Faculty of Science

Professor Sara Andres (Canadian Representative to ACA) McMaster University

Professor Tomislav Friscic (Immediate Past-Chair) McGill University and University of Birmingham

Dr. Matthew Brown University of British Columbia

Professor David L. Bryce University of Ottawa

Professor Alba Guarné McGill University

Tanner George Saint Mary's University

Professor Chérif F. Matta Mount Saint Vincent University

Dr. Beatriz Moreno Canadian Light Source

Professor V. Nicholas Vukotic University of Windsor

ii. Overview of Committee Objectives

- Advancing structure knowledge
- Engaging in global activities
- Building science community beyond borders
- Supporting early career researchers

iii. Workshops 2023

xtallography.ca → Meetings

Chemical Crystallography Workshop

May 30 – June 3, 2023 in Vancouver, BC

Powder Diffraction Workshop May 23 – 26, 2023 in Vancouver, BC

Materials Diffraction Workshop July 11 – 14, 2023 in Hamilton, ON

Canadian Light Source XRD&S School 2023 Aug. 16 – 18, 2023 in Saskatoon, SK

iv. Codding Lecture Series

The Dr. Penelope W. Codding Lecture Series in Support of Early-Career Crystallographers is a lecture series aimed at helping early career crystallographers, both by giving them a platform to present their research and gain visibility in the community, and by inviting more senior crystallographers to give talks on topics that benefit an audience of early-career crystallographers. Extra focus will be given to crystallographers from underrepresented backgrounds.

- b. Joe Ferrara: USNCR
 - i. Overview of Committee
 - 1. Chair: Branton J. Campbell
 - 2. Vice-Chair: Joe Ferrara
 - 3. Secretary-Treasurer: Sue Byram
 - 4. Stephen K. Burley
 - 5. Bryan C. Chakoumakos
 - 6. Aina E. Cohen
 - 7. Catherine L. Drennan
 - 8. Allyson Marie Fry-Petit
 - 9. Vilamalí López-Mejías
 - 10. Karolin Luger
 - 11. Krystle J. McLaughlin
 - 12. Mitchell Miller
 - 13. Efrain E. Rodriquez
 - 14. Corie Ralston
 - 15. Jennifer L. Wierman
 - 16. Tamir Gonen
 - 17. Cora Lind-Kovacs
 - 18. Stephan Ginell
 - 19. Thomas Proffen
 - 20. Kristen Bennett
 - 21. Jeff Lengyel
 - 22. Jose A. Rodriguez
 - 23. Mark A. Rodriguez
 - 24. Ana Ferreras
 - ii. Overview of Association Activities
 - Inform crystallographers in the United States concerning the activities of the IUCr.
 - Advise the President of the National Academy of Sciences on matters pertaining to U.S. participation in the IUCr.
 - Nominate to the National Research Council persons to represent the crystallographers in the United States as delegates to the General Assemblies of the IUCr and other meetings sponsored by the Union.
 - Provide information and guidance for such delegates.

- Plan and sponsor scientific meetings in the United States in consonance with the objectives of the IUCr.
- Perform such other duties as are required of national committees of adhering countries under the statutes of the IUCr.
- Take any other action directed toward the benefit and advancement of the science of crystallography in the United States and throughout the world.

iii. Overview of activities in 2022-2023

- Paid 2023 annual dues to secure U.S. membership in the International Union of Crystallography (IUCr)
- Jointly with the ACA and Canadian National Committee, formed IUCr2026 LLC (for Calgary congress); signed contracts for BMO Centre, Marriott hotels, and U. Calgary dorms; created EIN and bank account.
- Supported the ACA Summer School (Northwestern University, June 19-26, 2023), which saw 31 students trained in a variety of crystallographic methods and tools.
- Conducted a four-week virtual Workshop Series on Crystallographic Databases (March/April 2022) in partnership with scientists from eight crystallographic database teams (COD, CSD, EMDB, ICSD, ICDD, IRRMC, PDB, SBGrid), with attendance averaging over 200 people per session; sponsored by NIST.
- Nominated many outstanding U.S. scientists to serve on the scientific commissions and editorial boards of the IUCr in preparation for the 2023 General Assembly in Melbourne, Australia.
- Cooperated with the National Academies and U.S. National Committees for Physical and Applied Chemistry (USNC/IUPAC) and for Data (USNC/CODATA) and organized a webinar series on Advancing Drug Discovery.
- Reshaped USNC/Cr website (https://usnccryst.org) and social media channels, developed promotional materials, and staffed meeting booths to better communicate our mission and activities.
- Assisted ACA Service SIG in drafting survey of policies and attitudes on co-authorship on publications by researchers who perform crystallographic experiments and analyses as a facility-based service.
 - 1. ACA Summer School
 - 2. 4-week database workshop
 - 3. Overview of subcomittees
 - Finance and Fundraising Subcommittee
 - Diversity, Equity and Inclusion Subcommittee
 - Education and Workforce Subcommittee
 - Research and Infrastructure Subcommittee
 - Public Relations Subcommittee
 - Standards and Ethics Subcommittee
 - Member and Officer Nominating Committees

E. AIP Committees

- a. Alice Thwin (LCURM)
- b. Emma Danelius (DEIBA)
- F. New Standing DEI Committee
 - a. Outline of activities

- Assist with periodic DEI training of officers, members and stakeholders
- Coordinate with all ACA SIGs to ensure at least one half-day DEI session is held at each annual meeting
- Provide DEI-related content to various ACA communication outlets (*RefleXions*, social media, etc.)
- Assist ACA Nominating Committee and Awards Committees in identifying diverse candidates for election and award nominations
- Assist ACA Council in identifying candidates for AIP DEI committees and working groups.
- Four members:
 - 1. One year term
 - 2. Two year term
 - 3. Three year term
 - 4. Four year term

Members are elected in the fall

- b. Seeking volunteers to serve, let council know
 - 3. Vice President's Report (AO)
 - 1. ACA Mentor/Mentee Program
 - a. initiated in 2022 by Cora Lind-Kovacs
 - b. 124 participants in 2023
 - c. Establish as a Vice President's role in furthering engagement at all levels at the conference
 - 2. ACA Transactions Symposium 2024
 - a. Instill and appreciate science communicating and educating
 - b. **Topic:** Communicating and Educating Structural Science: How to instill excitement and appreciation for our science.
 - c. **Theme:** How we do inform new crystallographers of our science? How do we inform and excite, more broadly, the public about our science?
 - d. Several symposia have been suggested that will tie in with theme.
 - 3. Awards Committees 2025
 - a. Margaret C. Etter Early Career Award
 - i. Exceptional structural research by an early career scientist
 - b. Kenneth N. Trueblood Award
 - i. Outstanding contributions to computational or chemical crystallography
 - c. Bau Neutron Award
 - i. Significant contributions to neutron diffraction
 - d. Fankuchen Memorial Award
 - i. Impactful contributions to crystallographic research and teaching
 - 4. ACA Crystallographic Literacy Library
 - a. Ongoing work
 - b. Please submit a short video!
 - c. Financial Incentives
 - 5. ACA YSIG Spotlight Series
 - a. SIGS: Please support this series and keep it alive!
 - 4. Treasurer Report (SG)
 - 1. Overview of Committee
 - ACA Treasurer Stephan Ginell [Chair]
 - ACA President Cora Lind-Kovacs
 - ACA past President Diana Tomchick
 - ACA Vice President Allan Oliver
 - ACA Executive Director Kristin Stevens

- Leighanne C. Gallington
- Jim Kaduk
- Jim Pflugrath
- Elizabeth Sprague
- Chelsy Chesterman

2. ACA Revenue overview

- ACA's sources of revenue are limited.
- We have taken steps to balance our expenses and income.
- Membership dues remain constant
- Exhibitor booth space and sponsorships at Annual Meeting have returned to pre pandemic-levels and have been sold out
- Starting in 2023 and going forth meetings will be in-person only. The
 costs for hybrid version are excessive for the number of attendees using
 this option.
- While ACA investment values decreased during 2022 due to the overall decrease in the stock market the current improving stock market should result in investment recovery.

3. 2022 Assets

- 2022 ACA assets showed a loss
 - a. investment income \$93,313
 - b. operating income \$18,955
- Why
 - a. Extra AV costs (Hybrid) at 2022 meeting
 - b. Extra food costs at 2022 meeting
- 4. Assets by Year
 - a. Down because of Stock Market
- 5. ACA Net Income
- 6. Membership and meeting attendance
- 7. ACA Membership Initiatives
 - Council has been actively working on adopting strategies for increasing/maintaining membership and meeting attendance
 - Encourage ACA membership to have membership dues on auto renewal
 - No hybrid component to the Annual meeting
 - Attach membership to meeting attendance
 - Encourage ACA membership to publish in Structural Dynamics
- 8. Finance Committee Initiatives
 - Implemented the rotation of FC membership, the new member this year is Chelsy Chesterman
 - The ACA Investment Policy Statement has been implemented
 - Co-sponsor the IUCr 2026 Congress in Calgary, Canada along with Canadian National Committee and US National Committee
- 9. 2023 Budget
 - a. The budget for 2023 shows a \$-40,561.69
 - i. This was based based on Fall 2022 projections
 - 1. Reduced meeting income (IUCR year)
 - 2. Increased venue expenses
 - 3. inflation

10. Finance Summary

a. We were in the red during 2012-2018. The trend was reversed and we have been in the black in 2019 (\$103,000), 2020 (\$256,732), 2021 (\$206,568), loss in 2022 (\$112,268)

- b. GOAL: to stay cash flow positive; use reserves dividends to rebuild reserves equal to three year expenses ~\$500,000/year.
- 11. Meeting attendance up this year @575

5. New Business

- Comments from floor:
 - o Loss shown reflects stock market cost rather than operating cost
 - o Congrats to DEI committee for meeting session
 - o Comments from Sandy Eagle regarding service dogs
 - Young Scientists how to motivate this part of our base?
 - Program break between last session and all member-meeting, as well as announce and encourage attendance, via the chairs. Research groups should visit as lab.
 - Give grad students and postdocs forum at sessions to bring them into community
 - Lower costs for younger scientists for lodging
 - Questions about nomination process for SIGS
 - o Email malaise
 - o Registration Website site flag for grad students
 - Move posters farther apart
 - Challenges in session chairing
 - o Be sure student abstracts are submitted by students

Motion to Adjourn by Joe Ferrara, Calla seconded



2023 ALL MEMBERS BUSINESS MEETING

- Approval of 2022 Minutes
- President's Report
- Vice President's Report
- •Treasurer's Report
- New Business?



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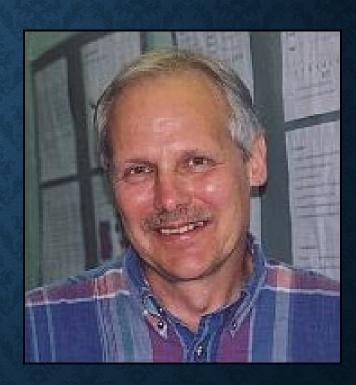
2024 AWARDS



Benjamin Frandsen Etter Award



Thomas Albrecht-Schönzart Buerger Award



John Greedan Warren Award

ACA 2023 TRANSACTIONS SYMPOSIUM: FROM ATOMS TO CELLS – ELECTRON MICROSCOPY FOR STRUCTURE SOLUTION



Jim Ciston (Molecular Foundry, Lawrence Berkeley National Laboratory)



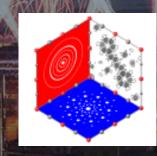
Tamir Gonen (Howard Hughes Medical Institute, UCLA)

IUCR 2026 CALGARY

Twenty-Seventh Congress and General Assembly of the International Union of Crystallography
August 11 - 18, 2026 | Calgary, Canada







CNCC USNC/CR

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Program Committee
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Canadian National Committee for Crystallography

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Dr. Brian Patrick (Treasurer)
UBC Faculty of Science

Professor Sara Andres (Canadian Representative to <u>ACA</u>) McMaster University

Professor Tomislav Friscic (Immediate Past-Chair) McGill University and University of Birmingham

Dr. Matthew BrownUniversity of British Columbia

Professor David L. Bryce University of Ottawa

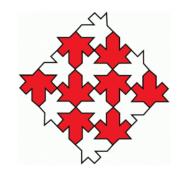
Professor Alba GuarnéMcGill University

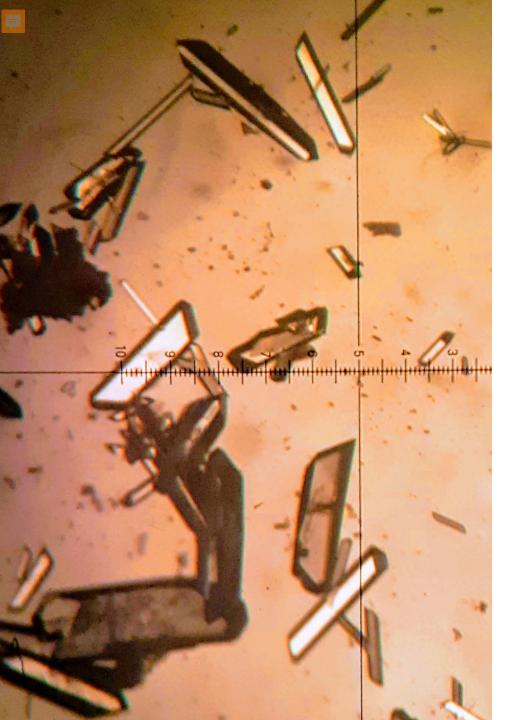
Tanner GeorgeSaint Mary's University

Professor Chérif F. MattaMount Saint Vincent University

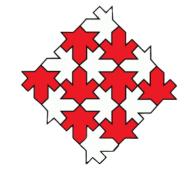
Dr. Beatriz MorenoCanadian Light Source

Professor V. Nicholas Vukotic University of Windsor





Canadian National Committee for Crystallography



Adhering body to the International Union for Crystallography.

Committee objectives:

- 1. Advancing structure knowledge
- 2. Engaging in global activities
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Workshops 2023

xtallography.ca → Meetings

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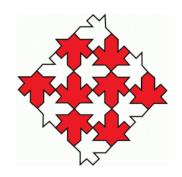


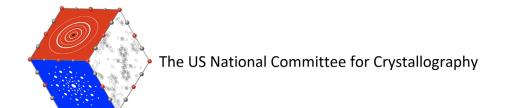
Codding Lecture Series

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This series is named in honour of Dr Penny Codding, Professor Emeritus at University of Victoria.

Canadian National Committee for Crystallography





US National Committee for Crystallography

American Crystallographic Association



The US National Committee for Crystallography



Members

Name of America of Light Cr. And Committee for Crys adda

- Chair: Branton J. Campbell
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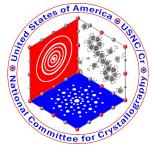
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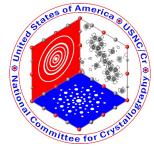
Members and friends of the USNC/Cr – reception at ACA 2022 in Portland





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Key USNC/Cr activities and accomplishments in 2022/23:



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- Finance and Fundraising Subcommittee
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AIP COMMITTEES





Alice Thwin (LCURM) Emma Danelius (DEIBA)

DEI STANDING COMMITTEE

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DEI STANDING COMMITTEE

- Four members:
- 1. One year term
- 2. Two year term
- 3. Three year term
- 4. Four year term

Members are elected in the fall

Interested? Please contact

Diana Tomchick

(Diana.Tomchick@UTSouthwestern.edu)

Kristen Stevens

(kstevens@hwi.buffalo.edu)



2023 ALL MEMBERS BUSINESS MEETING

- Approval of 2022 Minutes
- President's Report
- Vice President's Report
- •Treasurer's Report
- New Business?



ACA MENTOR/MENTEE PROGRAM

- initiated in 2022 by Cora Lind-Kovacs
- •124 participants in 2023
- •Establish as a Vice President's role in furthering engagement at all levels at the conference

ACA TRANSACTIONS SYMPOSIUM 2024 DENVER CO

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AWARDS COMMITTEES 2025

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 - Impactful contributions to crystallographic research and teaching

ACA CRYSTALLOGRAPHIC LITERACY LIBRARY

- Continued work on the ACA Crystallographic Literacy
 Library –
- everyone is encouraged to submit a short video (https://www.amercrystalassn.org/video-library)
- financial incentives open to all; webmaster required

ACA YSIG SPOTLIGHT SERIES

•SIGS: Please support this series and keep it alive!

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ACA TREASURER'S REPORT JULY 2023 STEPHAN GINELL

Position	Name
ACA Treasurer	Stephan Ginell [Chair]
ACA President	Cora Lind-Kovacs
ACA past President	Diana Tomchick
ACA Vice President	Allan Oliver
ACA Executive Director	Kristin Stevens
	Leighanne C. Gallington
	Jim Kaduk
	Jim Pflugrath
	Elizabeth Sprague
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ACA REVENUE

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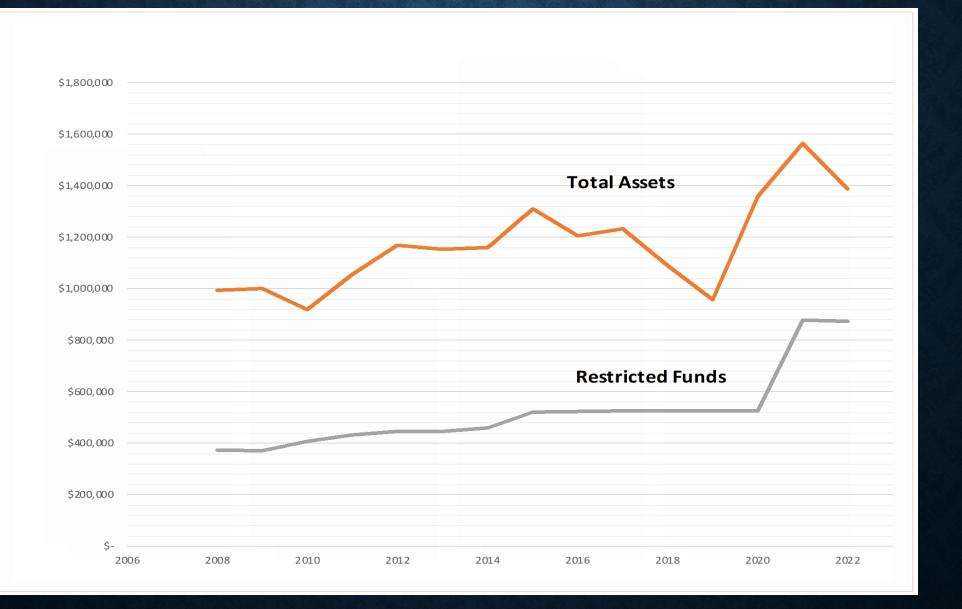
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2022 ASSETS

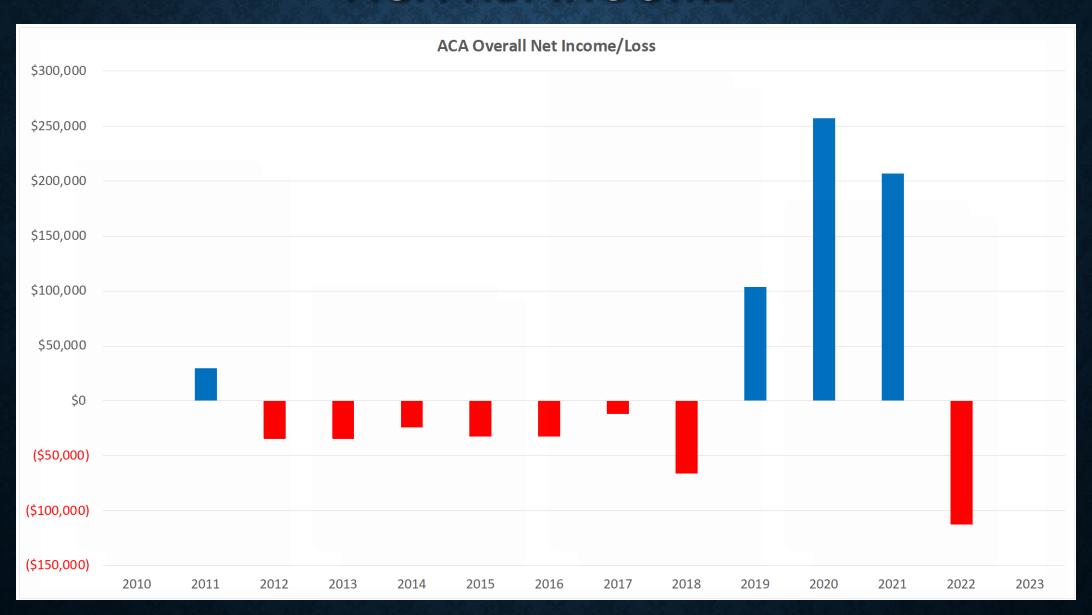
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Extra AV costs (Hybrid) at 2022 meeting Extra food costs at 2022 meeting

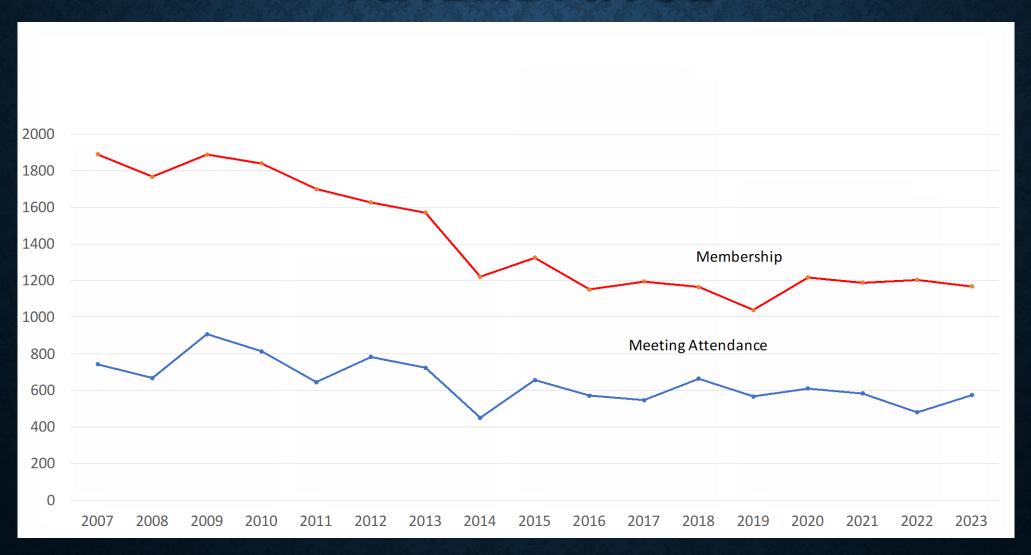
ACA ASSETS BY YEAR



ACA NET INCOME



ACA MEMBERSHIP AND MEETING ATTENDANCE



ACA MEMBERSHIP INITIATIVES

- Council has been actively working on adopting strategies for increasing/maintaining membership and meeting attendance
- Encourage ACA membership to have membership dues on auto renewal
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- Encourage ACA membership to publish in Structural Dynamics

FINANCE COMMITTEE INITIATIVES

- Implemented the rotation of FC membership, the new member this year is Chelsy Chesterman
- The ACA Investment Policy Statement has been implemented
- Co-sponsor the IUCr 2026 Congress in Calgary,
 Canada along with Canadian National
 Committee and US National Committee

2023 BUDGET

- •The budget for 2023 shows a \$-40,561.69
 - This was based based on Fall 2022 projections
 - Reduced meeting income (IUCR year)
 - Increased venue expenses
 - inflation

FINANCE SUMMARY

We were in the red during 2012-2018. The trend was reversed and we have been in the black in 2019 (\$103,000), 2020 (\$256,732), 2021 (\$206,568), loss in 2022 (\$112,268)

GOAL: to stay cash flow positive; use reserves dividends to rebuild reserves equal to three year expenses ~\$500,000/year.

Meeting attendance up this year @575

The most important action you can take is:

RENEW YOUR OWN MEMBERSHIP
BRING YOUR COLLEAGUES TO ACA MEETINGS

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