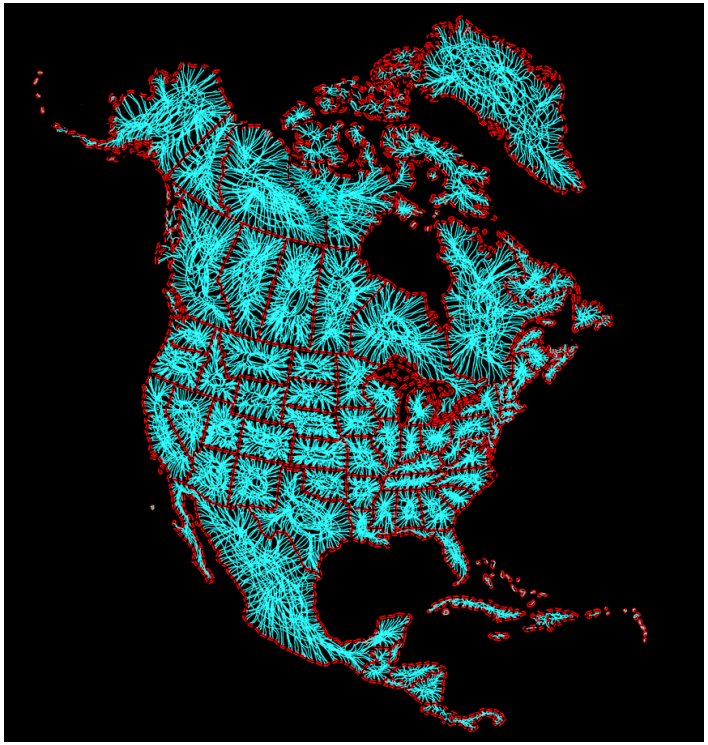
BioImaging North America (BINA)

BINA: Who are we?



BINA is "*a network of optical imaging leaders, students and innovators working to promulgate, integrate, optimize and improve all aspects of computer aided microscope based imaging for the community in which it exists*".

Canada, USA and Mexico (no walls!)

BINA: Executive Committee

Claire Brown, co-chair
Director, Advanced BioImaging Facility
McGill University

Alison North, co-chair
Senior Director, Bio-Imaging Resource Center
The Rockefeller University

Meredith Calvert, secretary
Director, Histology and Light Microscopy Core
Gladstone Institutes

Teng-Leong Chew
Director, Advanced Imaging Center
HHMI Janelia Research Campus

Richard Cole
Director,
Advanced Light Microscopy & Image Analysis Core
Wadsworth Center

Kevin Eliceiri
Director,
Laboratory for Optical & Computational Instrumentation
University of Wisconsin at Madison

Simon Watkins
Director,
Center for Biologic Imaging
University of Pittsburgh

Christopher Wood
Director,
Laboratorio Nacional de Microscopia Avanzada
National Autonomous University of Mexico

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Why build BINA?

BioImaging is rapidly evolving, putting pressure on the community responsible for its growth. In the US imaging science is much more siloed. There is very little resource sharing or interinstitutional cooperation

We need to build a cooperative, similar to those throughout Europe to metricize, train, build interactions and remove the walls around the physical silos. While the US has extra-ordinary scientific resources. It doesn't know how to share.

In the US Imaging scientists are generally not given the support/respect/etc that is deserved, as the power of imaging sciences grows we need to legitimize the profession such that professionals are appropriately rewarded

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BINA Goals

Provide an open, non-partisan, critical platform of quantitative light microscopy standards.

Establish in depth training and education in bioimaging technologies and core facility management.

Develop programs and advocate for professional recognition of imaging scientists.

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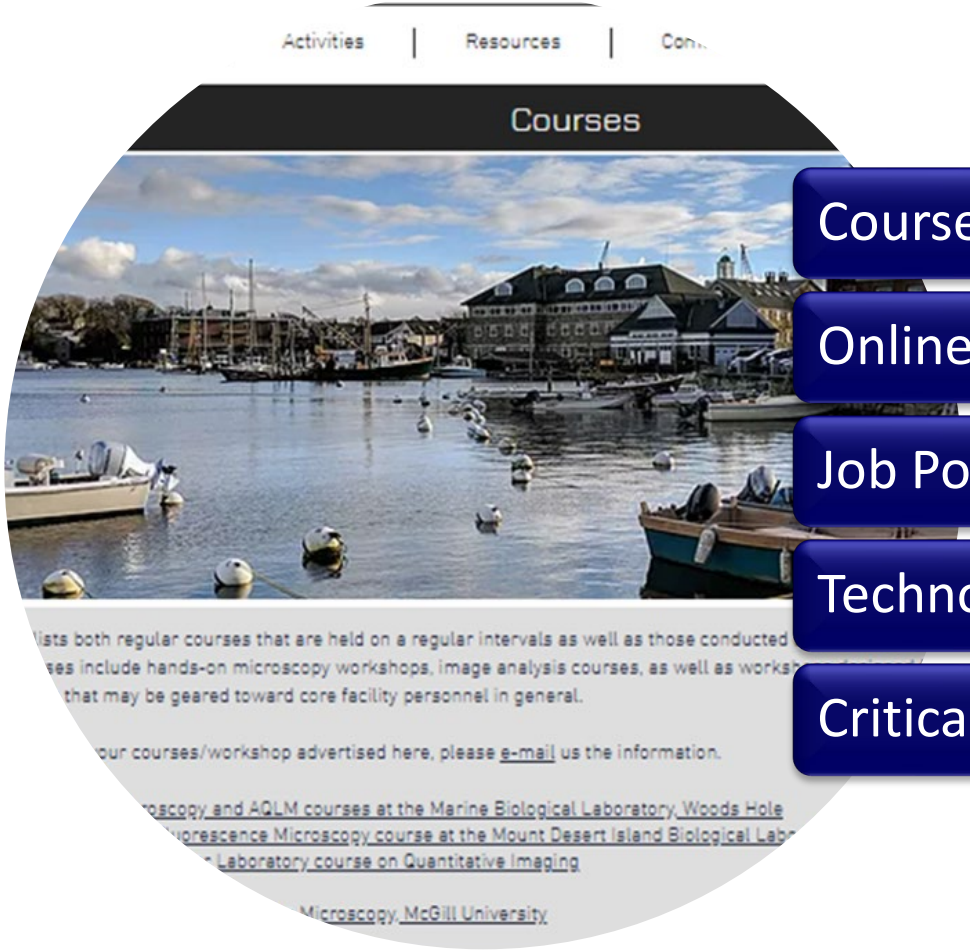
www.bioimagingna.org



- Courses/Workshops/Meetings
- Online Resources/Standards
- Job Postings/Professional Advancement
- Technology Updates
- Critical fact based user feedback

Please contact us via the BINA website to post jobs or meetings!

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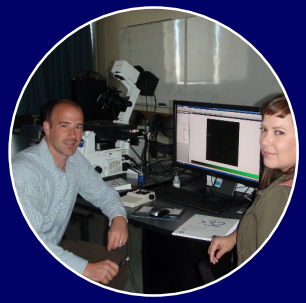
BINA: Education

Facility Management

Technology Training



Job Shadowing

Testing Novel Technologies

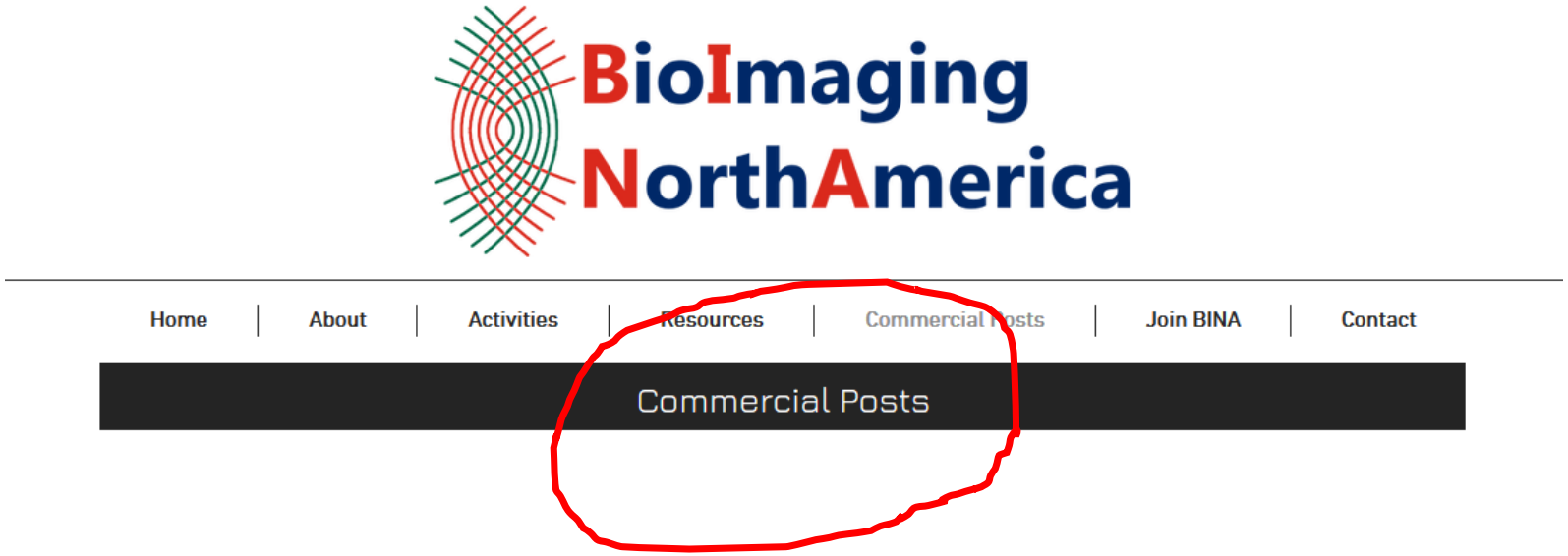
BINA: Partner with the Global BioImaging International Job Shadowing Program

GBI ran international Job Shadowing programs between imaging facilities in 2016, 2017 and 2018 and is opening up another round for 2019. Contact BINA for more information.

“I was able to pick-up many project-specific tips and tricks that will help our facility bring on-line new studies more efficiently.“

"For the first time in my career I really started to think [about] my position and role in our imaging facility, and my own career development."

Technology Updates



BINA gratefully acknowledges the support of its first commercial sponsor:

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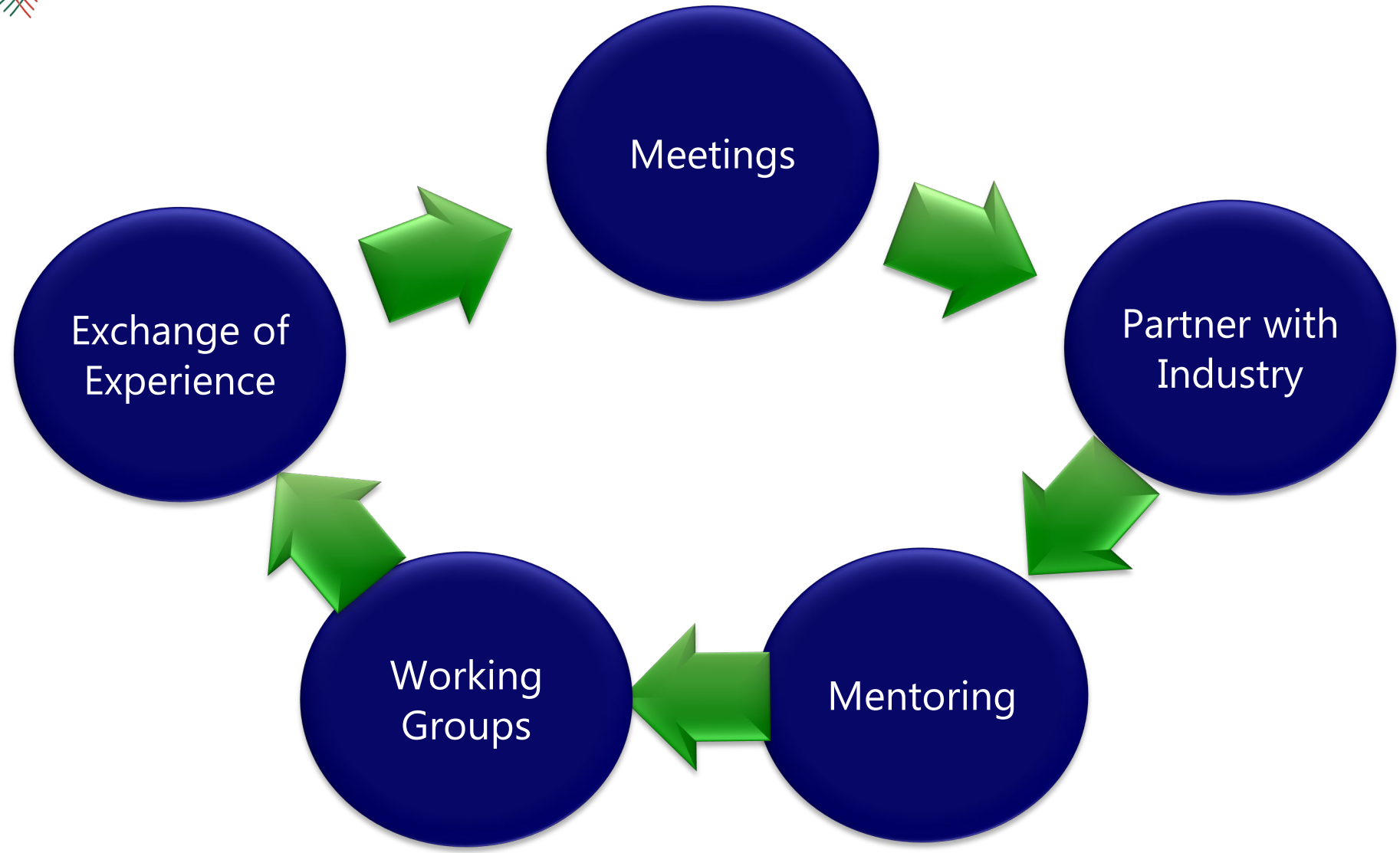
BINA: Networking



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Microscopy meetings

Small meetings or big?

- ELMI meeting has no equivalent in North America – microscopists are split between attending M&M (mainly EM/materials), ASCB, Neuroscience, ABRF;
- NEUBIAS has no counterpart in the USA;
- ABRF (CTLS counterpart) meeting ideally combines technology sessions with administrative sessions – but they are run as parallel tracks;
- Some regional societies exist (e.g. NERLSCDS (aka NERDS) etc. but the science content of those meetings is very limited;
- Small regional meetings equivalent to the UK FMM and local specialized training courses may be a better place to start – e.g. NAMS – but they can be very expensive to run in the US.

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Size DOES matter!

- The number of microscopy facilities in the USA alone is overwhelming;
- We have no USA equivalent to the RMS to help organize big meetings;
- Venues such as Janelia that can have the organizational capacity and funds to run a meeting can only host a limited number of attendees;
- Even attendance at local meetings needs to be capped;
- How do we avoid overburdening the companies for financial support of many regional meetings?

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Join BINA Today!