

# **Welcome to Research Council**

## **April 5, 2021**

- To submit questions please use the chat feature which can be found on the control panel at the bottom of your screen.**

SAC 2021

MASSACHUSETTS  
GENERAL HOSPITAL  
RESEARCH INSTITUTE

# SAC 2021

2021 Celebration of Science &  
Scientific Advisory Committee (SAC)  
Meeting

Wednesday, April 7, 2021

&

Thursday, April 8, 2021

***“COVID Lessons Learned: Scientific and  
Community Impact”***

All celebrations will be held virtually!

**COVID Lessons Learned: Scientific and Community Impact**

72ND MEETING OF THE MGH SCIENTIFIC ADVISORY COMMITTEE

Wednesday, April 7 & Thursday, April 8, 2021

CELEBRATION  
of  
SCIENCE



# Virtual Enterprise Research IS Office Hours

Join the virtual Zoom Meeting to receive 1:1 support and consultation about these resources:

## LabArchives

LabArchives is a web-based application designed for scientists to organize and share laboratory data.

[rc.partners.org/eln](https://rc.partners.org/eln)

## R Resources

R is a free, open-source programming language and software environment for statistical computing and graphics.

[rc.partners.org/rusers](https://rc.partners.org/rusers)

## REDCap

Research Electronic Data Capture is a free, web-based software application for study data.

[rc.partners.org/redcap](https://rc.partners.org/redcap)

## ERISOne

Linux computing cluster with job scheduling system for batch jobs and remote desktops.

[rc.partners.org/ERISOne](https://rc.partners.org/ERISOne)

## Python

Python is a programming language that lets you work quickly and integrate systems more effectively.

[rc.partners.org/python](https://rc.partners.org/python)

**Apr 12, 2021**

**2-3p.m.**

**Zoom Meeting**

**May 10, 2021**

**2-3p.m.**

**Zoom Meeting**

**June 14, 2021**

**2-3p.m.**

**Zoom Meeting**

**Join the SciC Team  
at 1p.m. for an extra  
hour of support!**



Visit [rc.partners.org/events](https://rc.partners.org/events) for Zoom Meeting information

# ERISXdl Linux GPU Platform Open for Early Adopters



The [ERISXdl \(ERIS eXtreme Deep Learning\) GPU platform](#) provides efficient, multi-GPU performance designed for deep learning applications.

- NVIDIA customized applications for GPU improved performance
- Docker and Kubernetes deployment
- Slurm scheduler for resource management
- Jupiter notebooks for fast development
- Access to Briefcase high-performance storage

## System includes

5 units each containing 8X NVIDIA Tesla V100 with an aggregate of more than 200 thousand CUDA cores, 25600 Tensor cores, 1280 GB of GPU memory, and 35TB of local storage for data processing

## Deep learning frameworks

- Pytorch
- TensorFlow
- mxnet
- theano

## Getting Started

The platform is temporarily free for early adopters. Cost will be around \$0.008 per minute GPU once in production.

Visit [rc.partners.org/erisxdl](http://rc.partners.org/erisxdl) to get started and contact [hpcsupport@partners.org](mailto:hpcsupport@partners.org) with any questions.



[rc.partners.org/erisxdl](http://rc.partners.org/erisxdl)

[hpcsupport@partners.org](mailto:hpcsupport@partners.org)

# SAC 2021 Website

**April 7, 2021  
2:00 - 5:00PM**

### Celebration of Science

2:00PM - ECOR Report

2:20PM - Martin Prize for Clinical Research  
Sabrina Paganoni, MD, PhD

3:00PM - Martin Prize for Fundamental Research  
Martin Aryee, PhD

3:30PM - Howard M. Goodman Fellowship  
Benjamin Kleinstiver, PhD

4:00PM - Howard M. Goodman Fellowship  
Caroline Sokol, MD, PhD

### Poster Session

April 7, 2021 from 11:00 AM to  
1:00PM ET

Many authors are available to  
speak remotely. Click below to visit  
the poster gallery!



[Go to Interactive  
Poster Gallery](#)

**April 8, 2021  
10:00AM - 2:15PM**

### COVID Lessons Learned: Scientific and Community Impact

Thursday programming will include several discussions  
focused on COVID-19, innovation, health equity and  
developing the next generation of health care delivery  
team scientists

Keynote: Galit Alter, PhD, Ragon Institute

Gary Tearney, MD, PhD, Center for COVID Innovation

A. John Iafrate, MD, PhD, Pathology

Keith Flaherty, MD, Medicine/Cancer Center

Richelle Charles, MD, Infectious Diseases

Ricky Mofsen, DO, Psychiatry

# SAC 2021 Poster Session

8:45 AM

SAC 2021 Virtual Poster Session | Poster Gallery

Search: title, authors, department, keyword

All Departments (Default)

Bookmarks  Award  Available to Chat

sample poster  
Available Apr. 7 8:00 AM-1:00 PM [Meet Now](#)

test time poster now 2  
Available Apr. 7 11:00 AM-12:00 PM [Meet Now](#)

H I D E S E A R C H

W E L C O M E T O T H E  
**SAC 2021 Virtual Poster Session**

SHOW COMMENTS

Please begin by selecting a poster to the left

# SAC 2021 Poster Session

← SAC 2021 Virtual Poster Session | Poster Gallery 8:45 AM

Search: title, authors, department, keyword

All Departments (Default) ▾



Bookmarks  Award  Available to Chat

**sample poster**  
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Available Apr. 7 11:00 AM-12:00 PM [Meet Now](#)

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 **(Insert Title)**   
Insert Author's Names & Titles  
Institution Name & Location  
\*If Applicable, Journal of Publication

INTRODUCTION	Insert Heading Description	Insert Heading Description
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Visit the Authors!

Research Council 4-5-21

# Center for Faculty Development

**Miriam Bredella, MD**

Director Center for Faculty Development

Professor of Radiology, Harvard Medical School

Vice Chair, Faculty Affairs Department of Radiology



MASSACHUSETTS  
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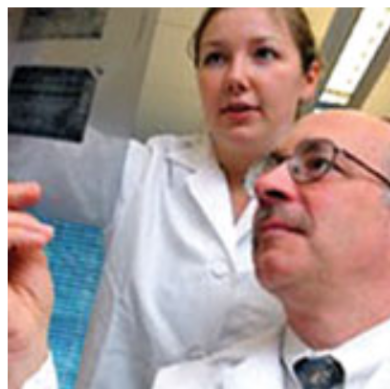
CENTER FOR FACULTY  
DEVELOPMENT





A two-year mentored research & education program for junior faculty and senior fellows.

## KL2/Catalyst Medical Research Investigator Training



[Overview](#)

[Contacts](#)

[Award Recipients](#)

[CTSA Visiting Scholars](#)

### At a glance

#### Opportunity for

- Mentored clinical and translational research and education

#### Eligibility

- Research or health-professional doctoral degree
- Junior faculty within the first three years of appointment or senior fellowship appointment at a Harvard-affiliated institution
- Hold a full time position at a Harvard-affiliated institution

#### Time commitment

- Two years

#### Funding level

- 50-75% of salary

#### Resources

- [RFA & FAQ \[PDF\]](#)

Application due

- 5:00pm on April 30, 2021

[Apply](#)

### Cite Us

Have you received a KL2/Catalyst Medical Research Investigator Training award? Remember to [cite Harvard Catalyst](#) in your publications and posters.

The KL2/Catalyst Medical Research Investigator Training (CMeRIT) program provides

# Anne Klibanski Visiting Scholars Award

## 2nd round

- COVID-19 pandemic disproportionately affecting women
  - additional childcare and household responsibilities
  - Women less likely to be visiting professor because of challenges related to travel
- With the COVID-19-related travel bans most Grand Rounds and visiting professorships conducted virtually
- Opportunity to promote participation of more women in Visiting Professorships by removing barriers that prevent women to travel



# Anne Klibanski Visiting Scholars Award

- Women researchers, clinicians, educators
  - Faculty (Instructor, Assistant and Associate Professor), postdocs
- Visiting Professor at national or international institution
  - organized by CFD
- Mentorship at host institution
- Career coaching
- Career development seminars throughout the year
- Deadline **Monday May 17, 2021**



MASSACHUSETTS  
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CENTER FOR FACULTY  
DEVELOPMENT

# Well-Being Education Grants – deadline April 15, 2021

## CALL FOR APPLICATIONS! WELL-BEING EDUCATION GRANTS

Sponsored by the Center for Faculty Development Office for Well-Being

*Would you benefit from training or continuing education  
toward resilience and well-being?*

**The Center for Faculty Development Office for Well-Being is pleased to announce the second round of applications for Well-Being Education Grants.** These grants (up to \$750 per year) will help defray the cost of professional training or continuing education around resilience and well-being. The grant is open to clinicians and investigators—graduate students, post-docs, residents, fellows, and faculty—who have identified a program of interest in the coming months.

### About the Award

Recognizing the need for support around resilience and well-being, the Center for Faculty Development Office for Well-Being has established *Well-Being Education Grants* to support the pursuit of training or continuing education in these areas for trainees and faculty. Examples include (but are not limited to):

- Activities consistent with the MA BORIM policy on physician well-being and burnout
- Mindfulness or stress management programs
- Training Courses in the creative arts
- Teacher training in movement/fitness programs
- Professional Coaching

### When is the deadline?

Thursday, April 15, 2021 – 4:00 pm



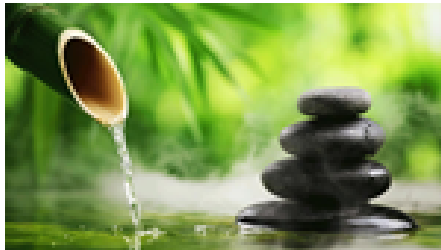
Examples of upcoming courses/trainings that you might be interested in:

- [Wellcoaches School of Coaching](#)
- [Benson-Henry Institute Continuing Medical Education \(CME\) Courses](#)
- [Kripalu Center for Yoga & Health](#)
- [UMass Memorial Medical Center - Center for Mindfulness 9-week Mindfulness-Based Stress Reduction \(MBSR\) program Online Live](#)
- [American College of Sports Medicine Summit 21](#)
- [Cambridge Health Alliance Center for Mindfulness and Compassion](#)

# Office for Well-Being & MGPO Frigoletto

## LIFESTYLE SESSIONS ON MONDAYS WILL CONTINUE THROUGH THE OFFICE FOR WELL-BEING!!

*Co-sponsored with the MGPO Frigoletto Committee*



**Meditation Mondays with Darshan Mehta, MD, MPH**  
Guided meditation sessions on Mondays with Darshan Mehta, MD, MPH, Interim Director, Office for Well-Being

Every Monday -- 8:00-8:30 am -- [Attend via Zoom](#)

If you would like to receive an Outlook invitation for these sessions, email [owb@partners.org](mailto:owb@partners.org).

**Attend these sessions via Zoom**

# Speed Mentoring Tomorrow April 6

- Monthly mentoring sessions are open to faculty across all departments who have questions about any aspect of mentoring or being mentored. Join the conversation to learn not only from the senior mentoring leaders leading the sessions but also from fellow attendees

## **SPEED MENTORING HOUR SESSION 2 WITH DRs. STEVEN GREENBERG AND JENNIFER WO**

**Tuesday, April 6 -- 1:00-2:00 pm**

*Sponsored by the Center for Faculty Development*

Every month, two mentor leaders from different departments will answer your questions about any aspect of being a mentee or mentor. You do not need to be in the same department as the leaders—this event is open to faculty across MGH, but registration is required. Come ready with your questions and be ready to learn not only from the senior mentoring leaders but also from fellow attendees.

This next session is scheduled with **Steven M. Greenberg MD, PhD**, Vice-Chair, Faculty Development and Promotions, MGH Department of Neurology, and **Jennifer Wo, MD**, Associate Professor of Radiation Oncology.

# Anne Klibanski Visiting Lecture Series

The Center for Faculty Development has created the Anne Klibanski Visiting Lecture Series to support and advance the careers of women. These lectures bring together faculty members from institutions that have hosted Anne Klibanski Scholars with MGH scholars, on topics that overlap both research areas. Faculty from the outside host institutions are also invited to present on their own. The lectures are open to both the MGH community and that of the host institution.

## APRIL SESSION

**Tuesday, April 6, 2021**  
**12:00 - 1:00 pm**

*“Imaging Focal Hyperexcitability in the Epileptic Brain”*



*This lecture will be given by*  
**Alice Lam, MD, PhD**, Assistant Professor  
of Neurology, MGH/HMS and  
**Eliane Kobayashi, MD, PhD**, Assistant  
Professor of Neurology, Montreal  
Neurological Institute, McGill University

Click to register



# The Office for Well-Being presents

## Fun Fridays

Fun Fridays offer a refreshing mid-day break from work to indulge in physical, mental, or creative activity.

ALL SESSIONS ARE 12:00 – 1:00 PM



March 26, 2021  
Laughter Yoga

**Laura Malloy, LICSW** combines laughter exercises with yogic breathing techniques to relieve stress, release endorphins and boost immune function.



April 2, 2021  
Stretch & Strength Yoga

**Judith Sore, MBA** leads a gentle yoga practice that focuses on moving with ease through the breath to create space in your mind, body, and heart.



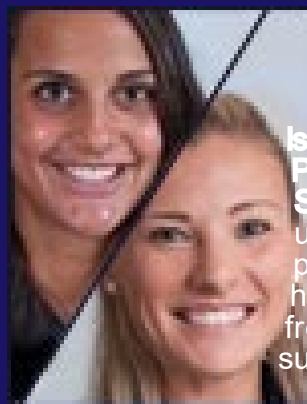
April 9, 2021  
Doodling

**Deborah Putnoi, MEd** shows simple exercises ('doodle breaks') that take a few minutes to de-stress or jumpstart your creative brain (no previous doodling experience necessary)



April 16, 2021  
Poetry & Creative Writing:  
The Villanelle

**Anne Levy, PhD** will introduce this poetic form that has its roots in the rustic songs of Italy and get you started on writing your own villanelle.



April 23, 2021  
Spring into Fitness!

**Isabella Sprague, PT, DPSCS** and **Angela Stearns, PTA** will cover upbeat exercise and injury prevention tips to get healthy and stay injury free this spring and summer season.



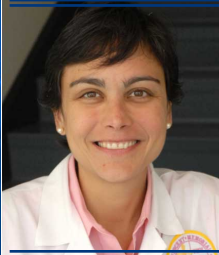
April 30, 2021  
Art and Renewal

**Corinne Zimmermann, MA, MEd**, will engage you and have a lively conversation about a powerful work of art followed by responses to spark joy, creativity and teamwork.





# Marcela del Carmen, MD, Lecture Series for the Advancement of Women and Diverse Faculty



The Marcela del Carmen, MD, Lecture Series for the Advancement of Women and Diverse Faculty was established to honor Dr. del Carmen's dedication to leadership development. Dr. del Carmen is the Interim Chief Executive Officer of the MGPO and has dedicated her career to supporting women in academic medicine as well as faculty with diverse backgrounds.

## A Conversation with Anne Klibanski, MD

Wednesday, April 28, 2021  
12:00 - 1:00 pm

### Inaugural Speaker:

Anne Klibanski, MD is the President and CEO of MassGeneral Brigham and former Director of the Center for Faculty Development. She has been a strong supporter for women physicians and scientists at MGH. She established the MGH Backup Childcare Center and the Claflin Distinguished Scholar Awards, which support the careers of female scientists. Before Dr. Klibanski became the CEO, she was the Chief Academic Officer at MGB, the head of the neuroendocrine unit and an extremely accomplished NIH-funded investigator.



# TEDxMGH

x = independently  
organized TED event

TEDxMGH presents inspirational stories from the MGH community, including how people have handled challenges through innovation, resilience, vulnerability, and connection.



## Introduction to TEDxMGH

You can also view the video series introduction by **Darshan Mehta, MD**, Interim Director of the Office for Well-Being

[View video here](#)

November release-



## Putting the Most Meaningful Things First

**O'Neill Britton, MD**, Mass General Senior Vice President and Chief Medical Officer, talks about his life and experience trying to focus on always putting meaningful things first.

[View video here](#)

December release-



## Choosing Happy: A Journey Through Grief & Loss

**Dr. Kerri Palamara McGrath**, Physician, Mother, Wife, and Coach, talks about her journey through grief and loss, and the choices she has made to find her renewed sense of happiness.

[View video here](#)

January release-



## If We Are Willing

**Connie Chang, MD**, Musculoskeletal Diagnostic and Interventional Radiologist, talks about her journey through life and the choices she made along the way.

[Click for video](#)

February release-



## My Journey with Depression

**Shannon E. Scott-Vernaglia, MD**, Physician/Patient, Educator/Learner, Mother/Daughter, talks about her journey through depression, and her choice to talk about it openly.

[Click for video](#)

March release-



## Your Story Matters Even (Especially) Now

**Suzanne Koven, MD, MFA**, *Writer-in-Residence and Primary Care Physician*, talks about finding her voice and why it is so important to share our story – now, more than ever.

[Click for video](#)

Interested in giving a TEDxMGH talk? Click below and tell us your story.

[Submit story for TEDxMGH](#)

*Are you an Investigator looking to hire or need help with a project?*

**FIND AN APPLICANT**

*Are you CRC, PM, RN, postdoc, graduate student, etc. looking for a project or new position?*

**FIND A POSITION**

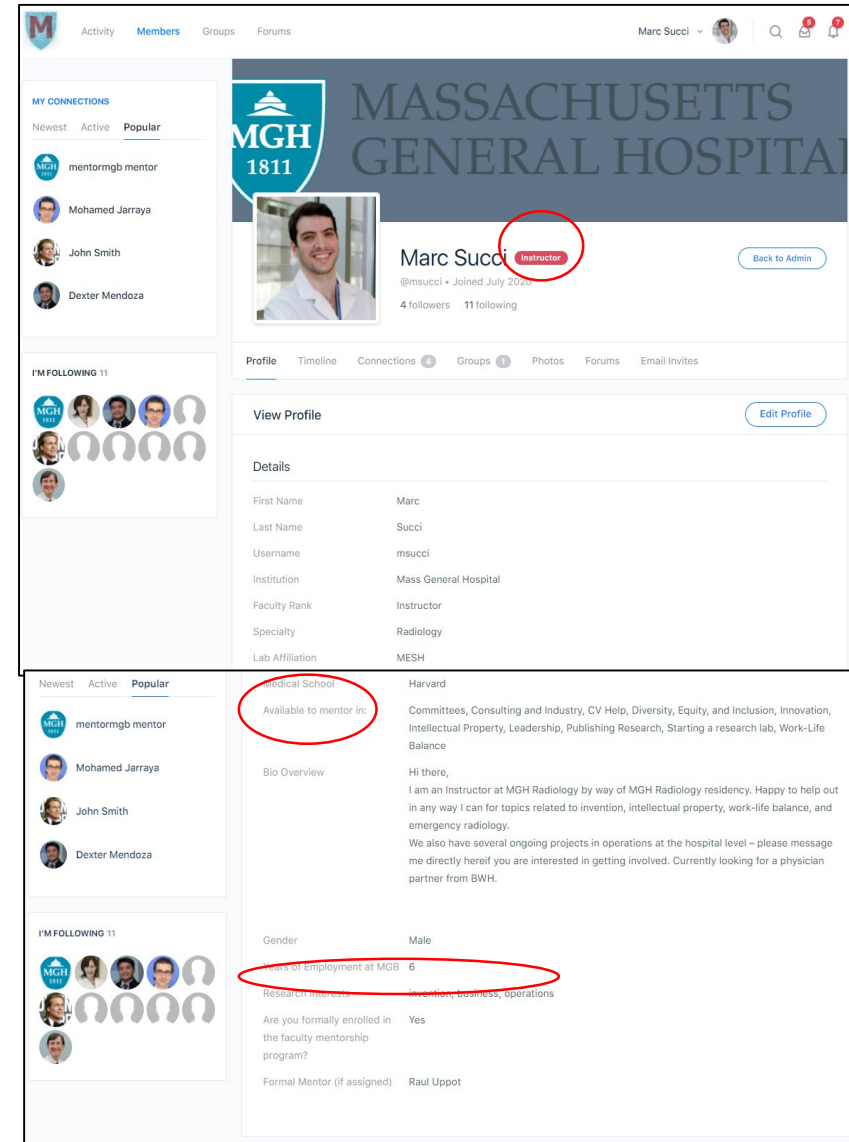
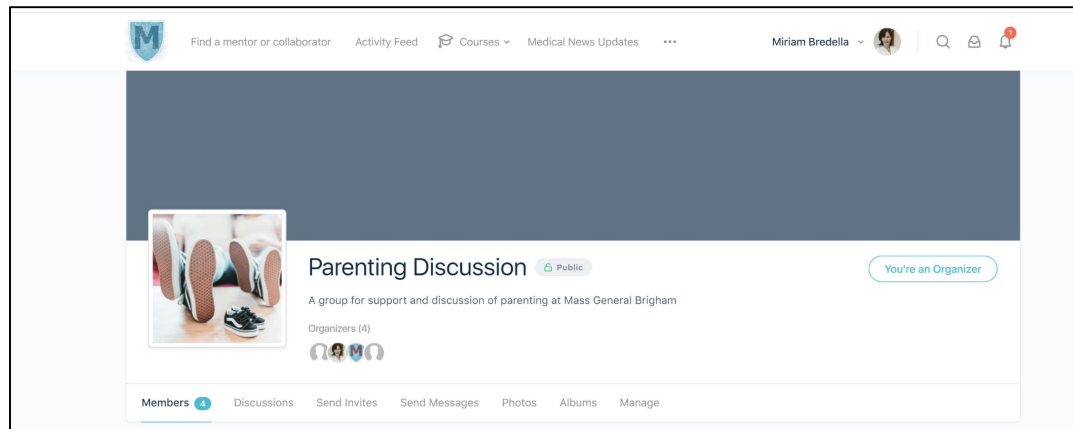
<https://elasticwork.mgh.harvard.edu>

## **Internal Job Database**

- Available to everyone across MGB (postdocs, grad students, etc.)
- PIs can post projects/jobs/part-time positions that researchers can apply to directly.

# MentorMGB.org

- “LinkedIn” style mentorship platform for the MGB community
- Fostering of dynamic cross-institution mentorship culture and facilitate research collaborations
- Connection of faculty, trainees, and students across hospitals to find mentors
- Creation of general work and non-work discussions/connections



# Promotion and CV Support

- Advice on promotion from Directors of the ORC, OCC, OWC
- 1:1 help with CV formatting
  - EasyCV.me
- Working with faculty through appointments and promotion process
- Help with letters etc.



OCC: Cristina Ferrone, MD

OWC: Louisa Sylvia, PhD

ORC: Marcia Goldberg, MD



Senior Program Manager:  
Anne Levy, PhD

# CFD Faculty Development Podcast page



## MGH FACULTY DEVELOPMENT PODCAST

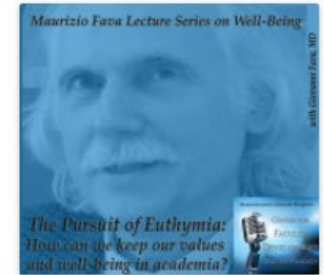


Did you miss an interesting session that the Massachusetts General Hospital's (MGH) Center for Faculty Development (CFD) offered because you were too busy in the clinic or in the lab? Were you out the day they offered it? This podcast was created because we understand your busy schedules and the CFD aims to serve you in your career development and will help with your work-life balance by providing this easy way to listen to all of the seminars we have offered right here on this podcast. Listen to it at your own convenience in your car, while you exercise, or relaxing on vacation. Just know that you may strengthen your skills at YOUR own pace! Please note that most of these podcasts are geared towards faculty, trainees and graduate students from the Massachusetts General Hospital. Thank you for listening!

<https://directory.libsyn.com/shows/view/id/mgh-faculty-development>



Anne Klibanski Visiting Lecture Series 3 with Drs. Lilia Zöllei and...  
03/11/2021



Maurizio Fava Lecture Series on Well-Being with Dr. Giovanni Fava  
03/03/2021



How to Stay on Track with Your PhD  
02/20/2021



Anne Klibanski Visiting Lecture Series 2 with Drs. Kerry Reynolds...  
02/17/2021



Anne Klibanski Visiting Lecture Series 1 with Dr. Mitzi Gonzalez  
02/02/2021



Conflict Management and Feedback  
12/22/2020



# Contacts

## Center for Faculty Development (CFD) at Massachusetts General Hospital

Phone: 617-724-0818

Email: [cfd@partners.org](mailto:cfd@partners.org)

Website: <https://www.massgeneral.org/faculty-development/>

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### Office for Clinical Careers

Phone: 617-724-0818

Email: [clinicalcareers@partners.org](mailto:clinicalcareers@partners.org)

### Office for Well-Being

Phone: 617-724-0818

Email: [cfd@partners.org](mailto:cfd@partners.org)

### Office for Women's Careers

Phone: 617-724-0818

Email: [womens.careers@partners.org](mailto:womens.careers@partners.org)

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### Office for Research Careers

Phone: 617-643-1606

Email: [orc@partners.org](mailto:orc@partners.org)

### Graduate Student Division

Phone: 617-643-1606

Email: [gsd@partners.org](mailto:gsd@partners.org)

### Postdoctoral Division

Phone: 617-643-1606

Email: [pdd@partners.org](mailto:pdd@partners.org)



**HARVARD  
CATALYST**

# What can Harvard Catalyst do for you?

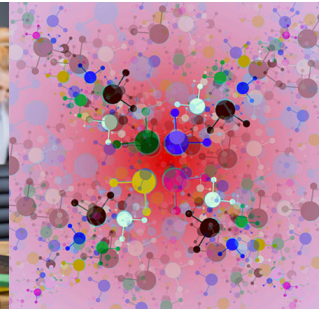
**Noelle Huntington, PhD**

Director of Connector and Network Programs, Harvard Catalyst

[noelle\\_huntington@hms.harvard.edu](mailto:noelle_huntington@hms.harvard.edu)

April 5, 2021

THE HARVARD CLINICAL &  
TRANSLATIONAL SCIENCE CENTER



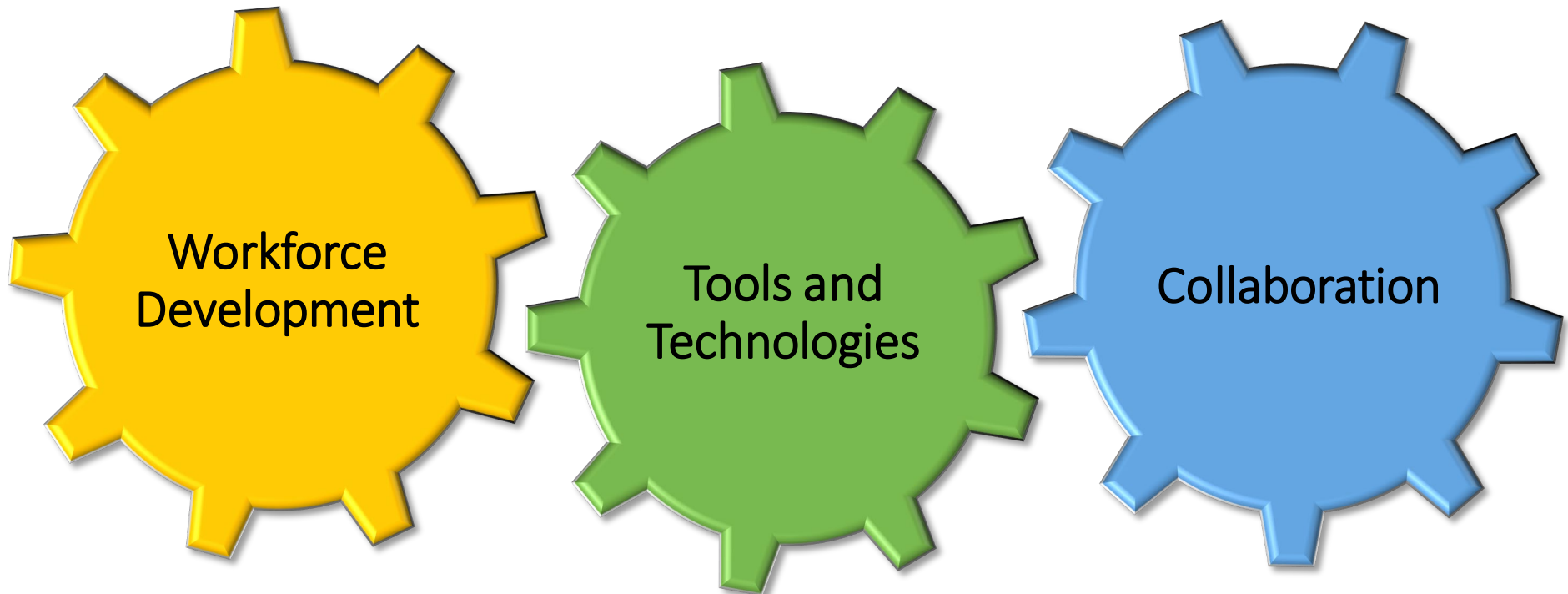




**HARVARD  
CATALYST**

# Mission

Harvard Catalyst brings together the intellectual force, technologies, and clinical expertise of Harvard University and its affiliates and partners to improve human health.





**HARVARD  
CATALYST**

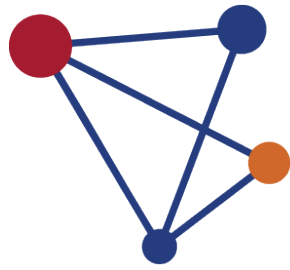
# Funding

- NIH National Center for Advancing Translational Sciences (NCATS) – CTSA program
- Harvard University
- Harvard Medical School
- Harvard T.H. Chan School of Public Health
- Beth Israel Deaconess Medical Center
- Boston Children’s Hospital
- Brigham and Women’s Hospital
- Dana-Farber Cancer Institute
- Massachusetts General Hospital



National Center  
for Advancing  
Translational Sciences





# HARVARD CATALYST



**Train**

Courses and Educational Programs



**Connect**

Tools and Services to Support Collaboration



**Support**

Guidance and Funding for Trainees and Investigators



**Include**

Community Engagement and Diversity Inclusion



**HARVARD  
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**catalyst.harvard.edu**

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**SEARCH** 



**HARVARD  
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**Train**



**Connect**



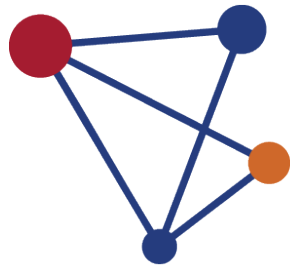
**Support**



**Include**

**Accelerating Research.  
Improving Health.**

NUMERICAL APERTURE : 0.65  
MAGNIFICATION : x40



# HARVARD CATALYST



**Train**

Courses and Educational Programs



**Connect**

Tools and Services to Support Collaboration



**Support**

Guidance and Funding for Trainees and Investigators



**Include**

Community Engagement and Diversity Inclusion

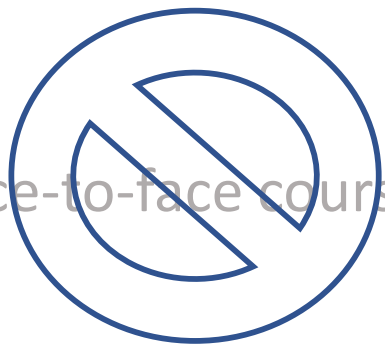


**HARVARD  
CATALYST**

# Post-Graduate Education



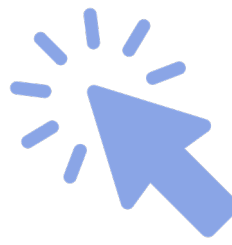
Face-to-face courses



Online Courses and  
Remote Learning



Faculty Development



Online Tools



Longitudinal Programs



Customization and  
Coaching



**HARVARD  
CATALYST**

# Webinar Series: Building a Successful CT Research Career

- Developing high-quality content for each mode of scientific communication:
  - Oral presentations
  - Written content
  - Graphic representations
  - Feedback requests from mentors and external reviewers

Effectively  
Communicating  
Research



- Prepares investigators in navigating a career path in research:
  - Managing grant finances
  - Project management
  - Negotiation
  - Communication styles and strategies

Leadership  
Strategies for  
the Researcher



**Webinar series  
was recorded and  
is freely available.**



HARVARD  
CATALYST

# Fundamentals and Applications of Clinical and Translational Research (FaCToR)

18-week online course to enhance CT research skills:

- Designing rigorous studies
- Selecting appropriate tools for data acquisition and storage
- Identifying and addressing ethical issues
- Operating within regulatory frameworks
- Communicating your findings
- Funding your research

The screenshot displays the FaCToR course interface. At the top, there is a navigation bar with the Harvard Catalyst logo, the course title 'FaCToR', and user information for Erica Lawlor. Below the navigation bar, there are tabs for 'Content', 'Discussions', 'Dropbox', 'Class Progress', 'Classlist', and 'Edit Course'. The main content area shows a breadcrumb trail: 'Table of Contents > Unit 2B - T2-T3 > T2/T3 - Ethics and Regulatory Requirements > Data Safety and Monitoring Board (DSMB) and Conflict of Interest (COI)'. The video player is titled 'Data Safety and Monitoring Board (DSMB) and Conflict of Interest (COI)'. Below the video player, there is a section for 'Additional Resources' with a link to 'Click here to read the NIH's full guidelines for DSMBs'. A red stamp is overlaid on the right side of the video player, reading: 'Next session begins May 19, 2021 Register online by 5/12'.





HARVARD  
CATALYST

# How to Design a Clinical Trial: Principles and Protocol Development

9-week hybrid course on the design and implementation of clinical trials:

- How to design a protocol
- IRB and other regulatory topics
- Trial implementation
- Budgeting
- Data Management
- Statistical analysis

For fellows or junior faculty in the early- or mid-states of study design

Combines on-demand videos with live virtual sessions

Provides personalized guidance for creating a complete protocol by end of course

Currently in  
progress –  
March-May